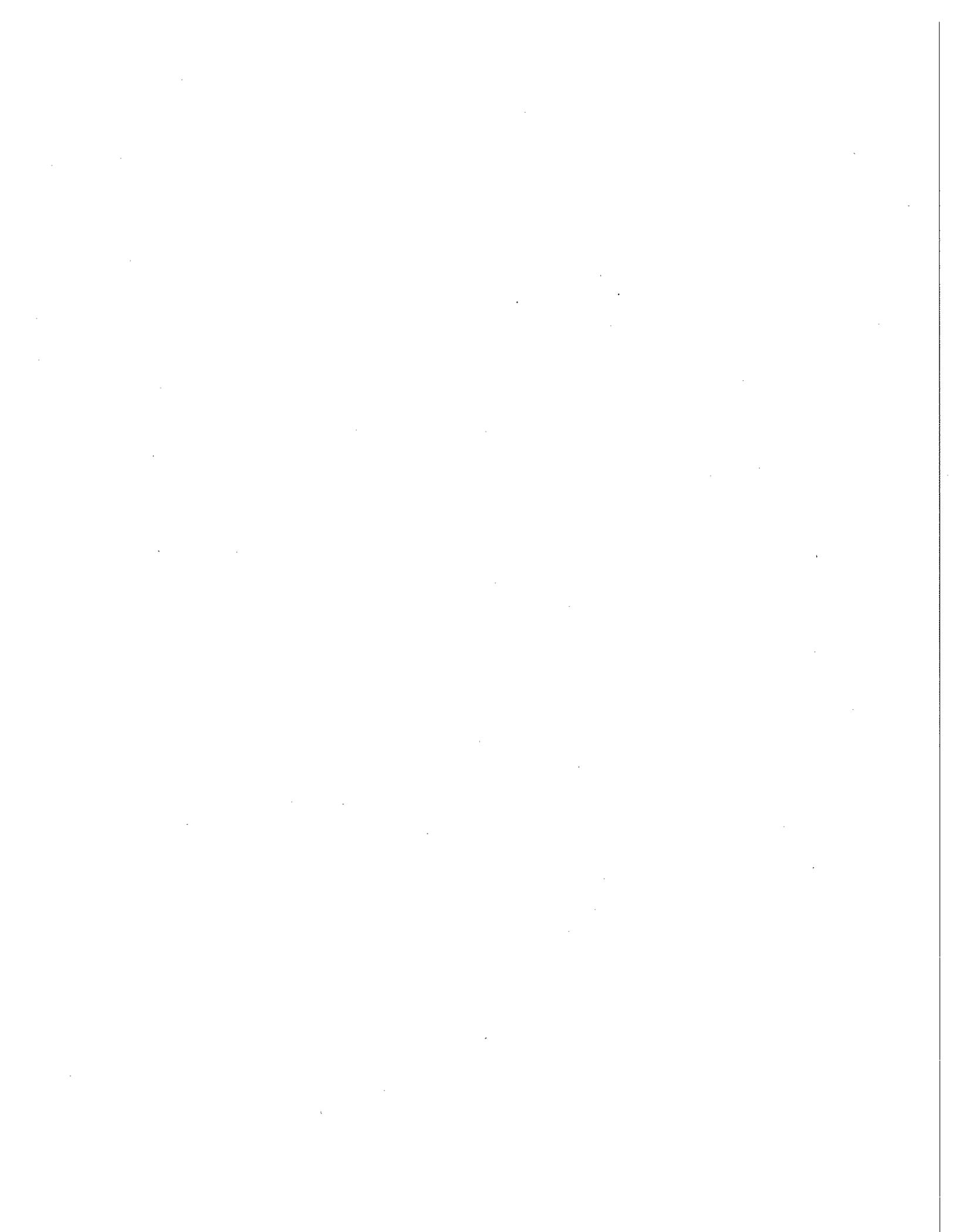


**Enclosure A – Item 1  
Marion County, Indiana  
Lead Monitoring Data**

<b>Monitoring Site Identification</b>	<b>Year</b>	<b>First Quarter</b>	<b>Second Quarter</b>	<b>Third Quarter</b>	<b>Fourth Quarter</b>
<b>Local Agency Site 24</b> <b>- AIRS I.D. Number:</b> (18-097-0058) <b>- Location:</b> 16 <sup>th</sup> Street and Martindale <b>- Date Established:</b> 6/10/82 <b>- Date Discontinued:</b> 12/31/96 <b>- Description:</b> Highway emissions monitoring site	1985	.17 ug/m <sup>3</sup>	.25 ug/m <sup>3</sup>	.23 ug/m <sup>3</sup>	.12 ug/m <sup>3</sup>
	1986	.11 ug/m <sup>3</sup>	.10 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>
	1987	.07 ug/m <sup>3</sup>	.10 ug/m <sup>3</sup>	.09 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>
	1988	.05 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>
	1989	.06 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>
	1990	.08 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>
	1991	.05 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>
	1992	.03 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>
	1993	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>
	1994	.04 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>
1995	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	
1996	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.01 ug/m <sup>3</sup>	



**Enclosure A- Item 1  
Marion County, Indiana  
Lead Monitoring Data  
(continued)**

Monitoring Site Identification	Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Local Agency Site 25</b> <b>- AIRS I.D. Number:</b> <b>(18-097-0062)</b> <b>- Location:</b> <b>I-70 East</b> <b>- Date Established:</b> <b>6/11/83</b> <b>- Date Discontinued:</b> <b>12/31/96</b> <b>- Description:</b> <b>Highway emissions</b> <b>Monitoring site</b>	1985	.43 ug/m <sup>3</sup>	.37 ug/m <sup>3</sup>	.29 ug/m <sup>3</sup>	.17 ug/m <sup>3</sup>
	1986	.14 ug/m <sup>3</sup>	.12 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>	.12 ug/m <sup>3</sup>
	1987	.13 ug/m <sup>3</sup>	.12 ug/m <sup>3</sup>	.13 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>
	1988	.08 ug/m <sup>3</sup>	.09 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>
	1989	.08 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>
	1990	.05 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>
	1991	.04 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>
	1992	.03 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.26 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>
	1993	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>
	1994	.05 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>
	1995	.03 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>
1996	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.01 ug/m <sup>3</sup>	

Enclosure A – Item 1  
Marion County, Indiana  
Lead Monitoring Data  
(continued)

Identification	Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Local Agency Site 26</b> <b>- AIRS I.D. Number:</b> <b>(18-097-0063)</b> <b>- Location:</b> <b>7601 Rockville Road</b> <b>- Date Established:</b> <b>1/1/84</b> <b>- Still Operating</b> <b>- Description:</b> <b>located in the</b> <b>unclassifiable</b> <b>portion of the</b> <b>County, near the</b> <b>Quemetco, Inc.</b> <b>Facility.</b>	1985	.52 ug/m <sup>3</sup>	1.34 ug/m <sup>3</sup>	.65 ug/m <sup>3</sup>	.48 ug/m <sup>3</sup>
	1986	1.09 ug/m <sup>3</sup>	.84 ug/m <sup>3</sup>	1.46 ug/m <sup>3</sup>	.75 ug/m <sup>3</sup>
	1987	.21 ug/m <sup>3</sup>	.79 ug/m <sup>3</sup>	.86 ug/m <sup>3</sup>	.83 ug/m <sup>3</sup>
	1988	1.23 ug/m <sup>3</sup>	.97 ug/m <sup>3</sup>	.62 ug/m <sup>3</sup>	.67 ug/m <sup>3</sup>
	1989	.76 ug/m <sup>3</sup>	.44 ug/m <sup>3</sup>	.83 ug/m <sup>3</sup>	.45 ug/m <sup>3</sup>
	1990	.50 ug/m <sup>3</sup>	.27 ug/m <sup>3</sup>	.91 ug/m <sup>3</sup>	.63 ug/m <sup>3</sup>
	1991	.40 ug/m <sup>3</sup>	.40 ug/m <sup>3</sup>	.27 ug/m <sup>3</sup>	.83 ug/m <sup>3</sup>
	1992	.37 ug/m <sup>3</sup>	.14 ug/m <sup>3</sup>	.18 ug/m <sup>3</sup>	.18 ug/m <sup>3</sup>
	1993	.02 ug/m <sup>3</sup>	.11 ug/m <sup>3</sup>	.18 ug/m <sup>3</sup>	.16 ug/m <sup>3</sup>
	1994	.13 ug/m <sup>3</sup>	.20 ug/m <sup>3</sup>	.10 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>
	1995	.06 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>
	1996	.03 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>
	1997	.03 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>
	1998	.08 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>

Enclosure A – Item 1  
Marion County, Indiana  
Lead Monitoring Data  
(continued)

Monitoring Site Identification	Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Local Agency Site 27</b> <b>- AIRS I.D. Number:</b> <b>(18-097-0069)</b> <b>- Location:</b> <b>3309 S. Arlington Ave.</b> <b>- Date Established:</b> <b>4/1/85</b> <b>- Still Operating</b> <b>- Description:</b> <b>Located in the non-Attainment portion of</b> <b>The county near the Former Refined Metals Corporation Facility.</b>	1985	Not Operating	1.18 ug/m <sup>3</sup>	1.21 ug/m <sup>3</sup>	1.65 ug/m <sup>3</sup>
	1986	2.49 ug/m <sup>3</sup>	.72 ug/m <sup>3</sup>	1.29 ug/m <sup>3</sup>	.81 ug/m <sup>3</sup>
	1987	.57 ug/m <sup>3</sup>	.51 ug/m <sup>3</sup>	.92 ug/m <sup>3</sup>	1.15 ug/m <sup>3</sup>
	1988	1.34 ug/m <sup>3</sup>	.79 ug/m <sup>3</sup>	.35 ug/m <sup>3</sup>	.90 ug/m <sup>3</sup>
	1989	1.13 ug/m <sup>3</sup>	.57 ug/m <sup>3</sup>	.52 ug/m <sup>3</sup>	.58 ug/m <sup>3</sup>
	1990	1.68 ug/m <sup>3</sup>	.44 ug/m <sup>3</sup>	.86 ug/m <sup>3</sup>	.46 ug/m <sup>3</sup>
	1991	.27 ug/m <sup>3</sup>	.14 ug/m <sup>3</sup>	.27 ug/m <sup>3</sup>	.19 ug/m <sup>3</sup>
	1992	.21 ug/m <sup>3</sup>	.18 ug/m <sup>3</sup>	.34 ug/m <sup>3</sup>	.38 ug/m <sup>3</sup>
	1993	.16 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.14 ug/m <sup>3</sup>
	1994	.19 ug/m <sup>3</sup>	.51 ug/m <sup>3</sup>	.12 ug/m <sup>3</sup>	.09 ug/m <sup>3</sup>
	1995	.09 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>
	1996	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>
	1997	.01 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.01 ug/m <sup>3</sup>	.01 ug/m <sup>3</sup>
1998	.02 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.01 ug/m <sup>3</sup>	

Enclosure A – Item 2  
Marion County, Indiana  
Lead Monitoring Data  
(continued)

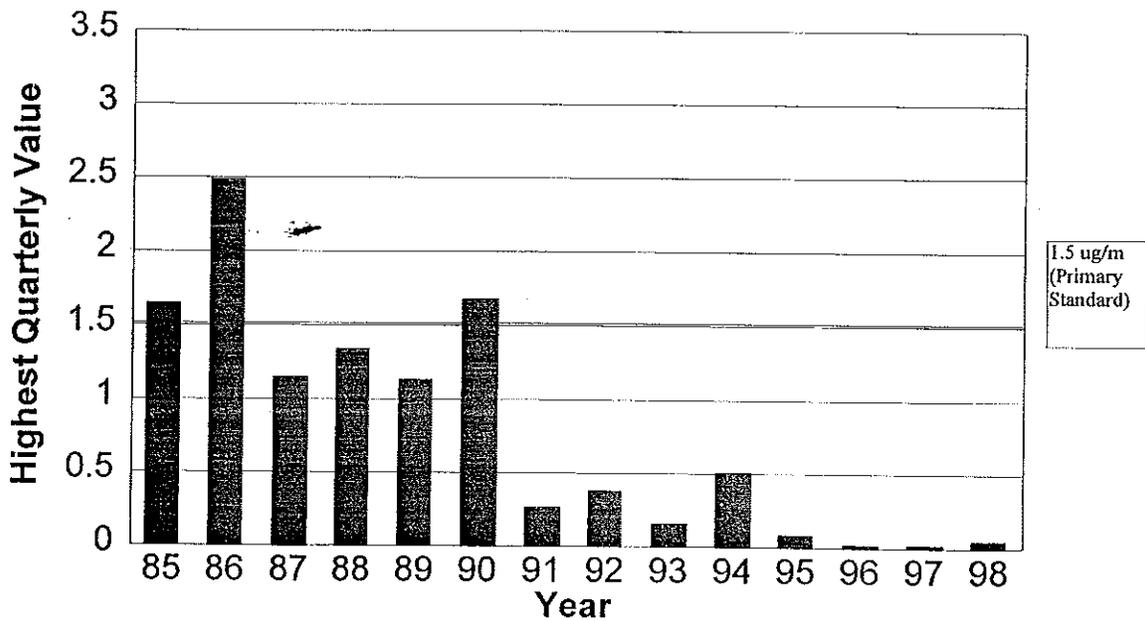
Monitoring Site Identification	Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Local Agency Site 28</b> <b>- AIRS I.D. Number:</b> <b>(18-097-0075)</b> <b>- Location:</b> <b>3700 S. Arlington Avenue</b> <b>- Date Established:</b> <b>4/24/91</b> <b>- Still Operating</b> <b>- Description:</b> <b>Located in the non-Attainment portion of The county near the Former Refined Metals Corporation Facility.</b>	1991	Not Operating	.53 ug/m <sup>3</sup>	1.09 ug/m <sup>3</sup>	1.64 ug/m <sup>3</sup>
	1992	1.53 ug/m <sup>3</sup>	.96 ug/m <sup>3</sup>	.73 ug/m <sup>3</sup>	.96 ug/m <sup>3</sup>
	1993	2.19 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.10 ug/m <sup>3</sup>	.60 ug/m <sup>3</sup>
	1994	3.18 ug/m <sup>3</sup>	2.03 ug/m <sup>3</sup>	.62 ug/m <sup>3</sup>	.53 ug/m <sup>3</sup>
	1995	.94 ug/m <sup>3</sup>	.41 ug/m <sup>3</sup>	.07 ug/m <sup>3</sup>	.12 ug/m <sup>3</sup>
	1996	.16 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>
	1997	.06 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>
	1998	.04 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.01 ug/m <sup>3</sup>

Enclosure A - Item 1  
Marion County, Indiana  
Lead Monitoring Data  
(Continued)

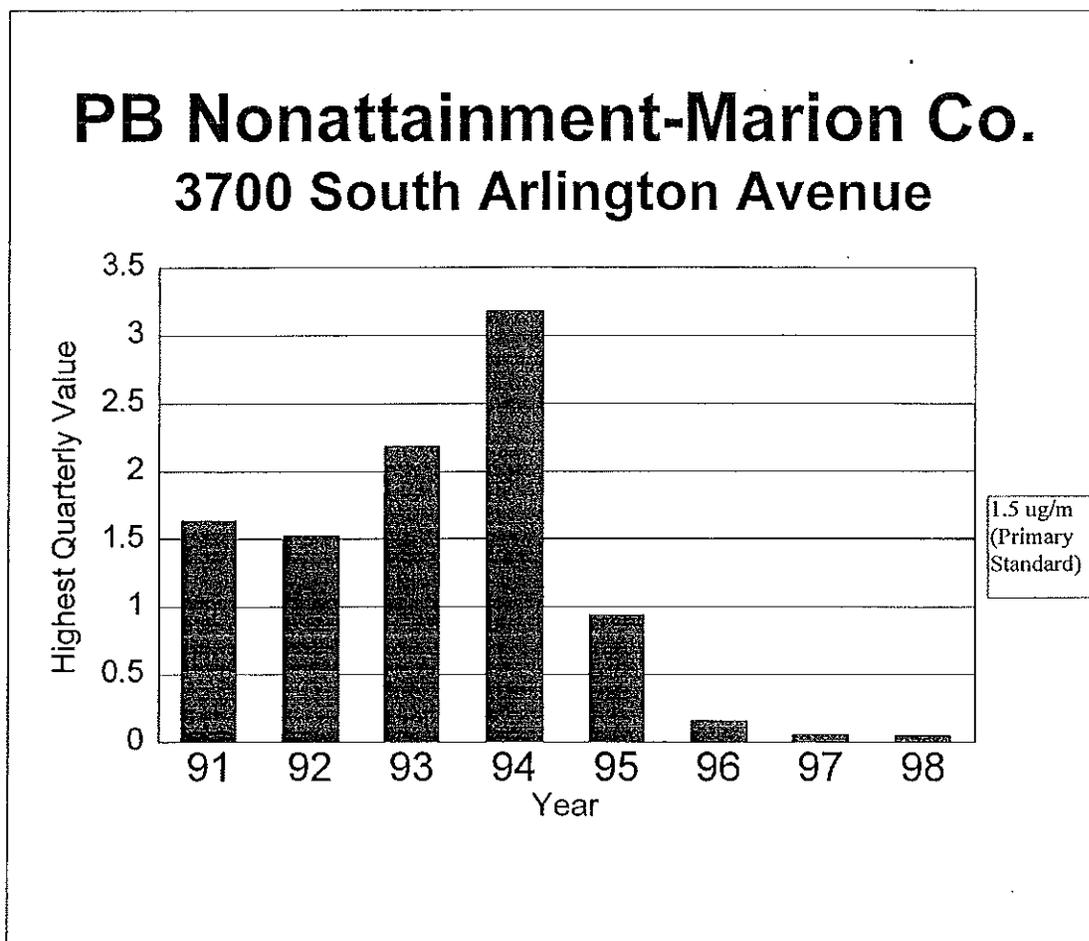
Monitoring Site Identification	Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Local Agency Site 36</b> <b>- AIRS I.D. Number:</b> <b>(18-097-0076)</b> <b>- Location:</b> <b>230 S. Girls School Road</b> <b>- Date Established:</b> <b>5/6/91</b> <b>- Still Operating</b> <b>- Description:</b> <b>located in</b> <b>the unclassifiable</b> <b>portion of the</b> <b>County, near the</b> <b>Quemetco, Inc.</b> <b>Facility.</b>	1991	not in operation	.10 ug/m <sup>3</sup>	.15 ug/m <sup>3</sup>	.21 ug/m <sup>3</sup>
	1992	.11 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.10 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>
	1993	.08 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.06 ug/m <sup>3</sup>
	1994	.13 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>
	1995	.06 ug/m <sup>3</sup>	.08 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>
	1996	.04 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>
	1997	.02 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.04 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>
	1998	.02 ug/m <sup>3</sup>	.05 ug/m <sup>3</sup>	.03 ug/m <sup>3</sup>	.02 ug/m <sup>3</sup>

Location	Year	Highest Quarterly Value
3309 S. Arlington	85	1.65
3309 S. Arlington	86	2.49
3309 S. Arlington	87	1.15
3309 S. Arlington	88	1.34
3309 S. Arlington	89	1.13
3309 S. Arlington	90	1.68
3309 S. Arlington	91	0.27
3309 S. Arlington	92	0.38
3309 S. Arlington	93	0.16
3309 S. Arlington	94	0.51
3309 S. Arlington	95	0.09
3309 S. Arlington	96	0.02
3309 S. Arlington	97	0.02
3309 S. Arlington	98	0.05

## PB Nonattainment-Marion Co. 3309 South Arlington Avenue



Location	Year	Highest Quarterly Value
3700 S. Arlington	91	1.64
3700 S. Arlington	92	1.53
3700 S. Arlington	93	2.19
3700 S. Arlington	94	3.18
3700 S. Arlington	95	0.94
3700 S. Arlington	96	0.16
3700 S. Arlington	97	0.06
3700 S. Arlington	98	0.05



Enclosure A - Item 3

Marion County

TABLE I

Lead Levels 1996-1997  
Highest Quarterly Readings Per Site

<u>Site</u>	<u>Highest Readings - ug/m<sup>3</sup></u>	<u>Quarter</u>	<u>Year</u>
AIRS I.D. 18-097-0063 (Local Agency Site 26) (unclassifiable area)	.08	second	1997
AIRS I.D. 18-097-0069 (Local Agency Site 27) (non-attainment area)	.02	all four second	1996 1997
AIRS I.D. 18-097-0075 (Local Agency Site 28) (non-attainment area)	.16	first	1996
AIRS I.D. 18-097-0076 (Local Agency Site 36) (unclassifiable area)	.05	second	1997

As noted above and supported by Enclosure A - Item 1, the highest calendar quarterly average in Marion County during the 2 year attainment demonstration period (1996-1997) was .16 ug/m<sup>3</sup> (compared to a standard of 1.5 ug/m<sup>3</sup>).

Enclosure A - Item 3 (continued)

Marion County

TABLE II

LEAD LEVELS 1985-1998  
ALL EXCEEDANCES OF THE QUARTERLY LEAD STANDARDS

<u>Site</u>	<u>Quarterly Exceedances - ug/m<sup>3</sup></u>	<u>Quarter</u>	<u>Year</u>
AIRS I.D. 18-097-0063 (Local Agency Site 26) (unclassifiable area)		none	
AIRS I.D. 18-097-0069 (Local Agency Site 27) (non-attainment area)	1.65 2.49 1.68	fourth first first	1985 1986 1990
AIRS I.D. 18-097-0075 (Local Agency Site 28) (non-attainment area)	1.64 1.53 2.19 3.18 2.03	fourth first first first second	1991 1992 1993 1994 1994
AIRS I.D. 18-097-0076 (Local Agency Site 36) (unclassifiable area)		none	



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AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
PB YEARLY EMISSIONS > 0 TONS PER YEAR FOR MARION COUNTY

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COUNTY	PLANT ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
0	0033	IPALCO - STOUT	7.1167750	PB	90
			0.0000156	PB	93
			0.0342931	PB	96
			0.0639800	PB	98
			0.4107990	PB	90
	0034	IPALCO - PERRY K	0.0094868	PB	93
			0.0967112	PB	96
			0.0370904	PB	97
			0.0391320	PB	98
	0036	REFINED METALS CORP 3700 S ARLINGTON BEE	2.0000000	PB	85
		REFINED METALS CORP	0.0179100	PB	96
	0039	INDIANAPOLIS CASTING CORPORATION	0.0000675	PB	90
			0.0201100	PB	96
			0.0201100	PB	97
			0.0201100	PB	98
	0041	WISHARD MEMORIAL HOSPITAL	0.0000029	PB	97
			0.0000030	PB	98
	0047	THOMSON CONSUMER ELECTRONICS	0.0000042	PB	96
			0.0000000	PB	97
			0.0000000	PB	98
	0049	REILLY INDUSTRIES INC	0.0000218	PB	90
			0.0002358	PB	93
			0.0000000	PB	96
			0.0000000	PB	97
			0.0000000	PB	98
	0051	MARATHON OIL COMPANY	0.0000231	PB	93
	0060	UNION CARBIDE CORPORATION PRAXAIR	0.0000034	PB	88
			0.0000000	PB	96
			0.0000000	PB	97
			0.0000000	PB	98
	0061	CITIZENS GAS & COKE	0.0000294	PB	90
			0.0000258	PB	96
			0.0001362	PB	97
			0.0001500	PB	98
	0063	INTER-STATE FOUNDRY CO. INC.	0.0562912	PB	93
	0063	INTERSTATE CASTINGS, INC.	0.0641543	PB	96
			0.0787060	PB	97
			0.0571000	PB	98
	0065	RICHARDSON CO - WITCO	0.1438000	PB	90
			0.0804000	PB	96
			0.0738000	PB	97

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DATE: 03/26/99

AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
PB YEARLY EMISSIONS > 0 TONS PER YEAR FOR MARION COUNTY

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COUNTY	PLANT ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
0	0065	RICHARDSON CO - WITCO	0.0628000	PB	98
	0068	INDIANA GIRLS SCHOOL	0.0002994	PB	90
			0.0002994		93
			0.0000028	PB	96
			0.0000003	PB	97
			0.0000000	PB	98
	0070	ALLISON GAS TURBINE DIVISION - PLANT 5	0.0117943	PB	88
		ALLISON ENGINE COMPANY - PLANT 5	0.0096860	PB	90
		ALLISON ENGINE CO. INC. PLANT 8	0.1502234	PB	96
	0071	ALLISON GAS TURBINE DIVISION - PLANT 8	0.0000038	PB	88
		ALLISON ENGINE COMPANY - PLANT 8	0.0000018	PB	90
		ALLISON ENGINE COMPANY, INC. - PLANT 8	0.0000018	PB	93
			0.0014595	PB	96
	0074	ELI LILLY AND COMPANY	0.0980000	PB	96
			0.0000000	PB	97
			0.0000000	PB	98
	0079	QUEMETCO 900 QUEMETCO DR	17.1260000	PB	85
		QUEMETCO, INC.	2.0000000	PB	90
		QUEMETCO, INC.	1.4850000	PB	93
		QUEMETCO, INC.	1.6700000	PB	96
			1.5500000	PB	97
			0.5349000	PB	98
	0098	ASPHALT MATERIAL AND CONSTRUCTION INC	0.0000008	PB	88
			0.0000008		90
			0.0000000		96
			0.0000000		97
			0.0000000		98
	0100	NAVAL AVIONICS CENTER	0.0000011	PB	88
		RAYTHEON	0.0000000		96
			0.0000000		97
			0.0000000		98
	0123	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	0.0005361	PB	90
			0.0003639	PB	93
			0.0061200	PB	96
			0.0058800	PB	98
	0163	ST. FRANCIS HOSPITAL - BEECH GROVE	0.0130000	PB	96
			0.0000020	PB	97
			0.0068470	PB	98
	0199	FARM FANS, INC.	0.0088287	PB	96
			0.0000000	PB	97

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 0 AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
 0 PB YEARLY EMISSIONS > 0 TONS PER YEAR FOR MARION COUNTY  
 0 DATE: 03/26/99  
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COUNTY	PLANT ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
0	0199	FARM FANS, INC.	0.0000000	PB	98
	0229	COMMUNITY HOSPITAL EAST	0.0000002	PB	96
			0.0000060	PB	97
			0.0000000	PB	98
	0251	EASTERN ELECTRIC APPARATUS REPAIR CO.	0.0006000	PB	96
			0.0004000	PB	97
			0.0002000	PB	98
	0256	ALTEC INDUSTRIES, INC.	0.0178959	PB	96
			0.0000000	PB	98
	0300	CLARIAN HEALTH PARTNERS	0.2200000	PB	97
			0.2200000	PB	98
	0310	ROLLS ROYCE/ALLISON (COMBO PLANTS 5 AND 8)	0.0000000	PB	97
			0.0000000	PB	98

Enclosure B - Item 2

Emission Inventory Data

Trend Summary

Marion County

	<u>1985</u>	<u>1988</u>	<u>1990</u>	<u>1993</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
Total Emissions	19,401	.001	9.331	2.054	2.897	1.801	1.050
% From Plants > 5 tpy	98+	0	76+	0	0	0	0
% From Plants > .2 tpy	100	0	76+	95+	77+	86	71+
# Plants > 5 tpy	1	0	1	0	0	0	0

County	ID	Plant Name	PL	Seg	Seg Description	Pollutant	SCG	Thruput	Year	Segment Emissions	Emission Factor	Control Efficiency	Growth Factor	Projected Emissions 2010
MARION	0002	AMERICAN ART CLAY COMPANY	005	01	MIXING AREA #1 GLAZE	PB	30500899	0000410	96	0.0371888	0.907	79.999	1.1632	0.0432567
MARION	0012	CHRYSLER CORP FOUNDRY	001	01	CUPOLA	PB	30400301	0218847	96	0.5470000	**	**	1.58051	0.0800866
MARION	0012	CHRYSLER CORP FOUNDRY	001	01	ELECTRIC HOLDING FURNACE	PB	30400303	0218847	96	0.0270000	**	**	1.0605	0.0286323
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	001	01	BOILER #1-FUEL OIL #4/#5	PB	10200504	0000209	96	0.000418	0.000	0.000	1.2067	0.0006259
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	001	02	BOILER #1-RECLAIM OIL	PB	10200504	0000022	96	0.0000187	0.000	0.000	1.2067	0.0000304
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	002	01	BOILER #2-RECLAIM OIL	PB	10200504	0000096	96	0.0000003	0.004	91.600	1.2067	0.0000000
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	002	02	BOILER #2-#4/#5 OIL	PB	10200504	0000002	96	0.0000192	0.000	0.000	1.2067	0.0000232
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	003	01	BOILER #3-RECLAIM OIL	PB	10200404	0000441	96	0.0000009	0.004	0.000	1.2067	0.0000011
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	003	02	BOILER #3-4/5 GRADE OIL	PB	10200504	0000388	96	0.0000000	0.000	99.900	1.2067	0.0000000
MARION	0017	ALLISON TRANSMISSION DIV PLANT 3	004	01	BOILER #4-FUEL OIL #4/#5	PB	10200504	0000000	96	0.0000000	0.000	0.000	1.2067	0.0000000
MARION	0019	EL LILLY AND COMPANY	001	01	PROCESS EMISSIONS	PB	30106099	0432344	96	0.0000000	0.000	0.000	1.1707	0.0000000
MARION	0019	EL LILLY AND COMPANY	002	01	DISEL GENERATORS	PB	20200102	0000001	96	0.0000000	0.000	0.000	1.2067	0.0000000
MARION	0019	EL LILLY AND COMPANY	003	01	ENGINEERATOR - WASTE FUEL	PB	50300701	0000087	96	0.0030000	0.000	0.000	1.0000	0.0030000
MARION	0019	EL LILLY AND COMPANY	004	01	MC356, B28	PB	40298998	0000739	96	0.0000000	0.000	0.000	1.0000	0.0000000
MARION	0019	EL LILLY AND COMPANY	005	01	MC702, B48	PB	30106099	0000226	96	0.0000000	0.000	0.000	1.1707	0.0000000
MARION	0021	FORD MOTOR COMPANY	002	01	NO 2 BOILER - COAL	PB	10200204	0000355	96	0.0001180	0.013	95.000	1.2067	0.0001424
MARION	0021	FORD MOTOR COMPANY	003	01	NO 1 BOILER - COAL	PB	10200204	0000126	96	0.0000418	0.013	95.000	1.2067	0.0000504
MARION	0021	FORD MOTOR COMPANY	003	02	NO 1 BOILER-RESIDUAL OIL	PB	10200404	0000000	96	0.0000000	0.004	95.000	1.2067	0.0000000
MARION	0022	DOA FT. BENJ HARRISON	001	02	ERIE BOILER - OIL	PB	10200501	0000000	96	0.0000000	0.000	0.000	1.2067	0.0000000
MARION	0022	DOA FT. BENJ HARRISON	002	02	NEBRASKA BOILER - OIL	PB	10200501	0000000	96	0.0000000	0.000	0.000	1.2067	0.0000000
MARION	0022	DOA FT. BENJ HARRISON	003	02	NEBRASKA #1 - NAT GAS	PB	10300209	0000125	96	0.0001862	0.013	80.000	1.3062	0.0002171
MARION	0022	DOA FT. BENJ HARRISON	003	02	NEBRASKA #2 - NAT GAS	PB	10200501	0000000	96	0.0000000	0.000	0.000	1.2067	0.0000000
MARION	0022	LINK-BELT BEARING-REXNORD CORPORATION	004	01	NEBRASKA #2 - NAT GAS	PB	10300209	0000209	96	0.0000013	0.013	99.900	1.3062	0.0000017
MARION	0025	LINK-BELT BEARING-REXNORD CORPORATION	001	01	COAL	PB	10200205	0001579	96	0.0005931	0.000	0.000	1.2067	0.0007603
MARION	0025	LINK-BELT BEARING-REXNORD CORPORATION	002	01	COAL	PB	10200205	0002857	96	0.0011401	0.013	93.999	1.2067	0.0013157
MARION	0033	IPALCO - STOUT	009	01	EWS #9 BOILER - #2 OIL	PB	10100501	0000105	96	0.0000210	0.000	0.000	1.2067	0.0000025
MARION	0033	IPALCO - STOUT	010	01	EWS #10 BOILER - #2 OIL	PB	10100501	0000110	96	0.0000220	0.000	0.000	1.2067	0.0000026
MARION	0033	IPALCO - STOUT	011	02	EWS BOILER 50-GINTN FUEL	PB	10100501	0000760	96	0.0000320	0.000	0.000	1.2067	0.0000386
MARION	0033	IPALCO - STOUT	012	02	EWS BOILER 60-GINTN FUEL	PB	10100501	0000760	96	0.0000322	0.000	0.000	1.2067	0.0000389
MARION	0033	IPALCO - STOUT	013	01	EWS BOILER 70 - COAL	PB	10100212	0981705	96	0.0327069	0.013	99.499	1.2067	0.0334451
MARION	0033	IPALCO - STOUT	013	02	EWS BOILER 70-GINTN FUEL	PB	10100501	0000155	96	0.0000310	0.000	0.000	1.2067	0.0000374
MARION	0033	IPALCO - STOUT	013	01	GAS TURBINE #4 - FUEL OIL	PB	20100101	0000008	96	0.0000320	0.008	0.000	1.2067	0.0000386
MARION	0033	IPALCO - STOUT	019	01	GAS TURBINE #5 - FUEL OIL	PB	20100101	0000354	96	0.0014160	0.008	0.000	1.2067	0.0017087
MARION	0033	IPALCO - STOUT	019	02	GAS TURBINE #5 - NAT GAS	PB	20100201	0000073	96	0.0000000	0.000	0.000	1.2067	0.0000000
MARION	0034	IPALCO - PERRY K	001	01	BOILER 11 - COAL	PB	10200202	0063368	96	0.0421439	0.000	89.999	1.2067	0.0508547
MARION	0034	IPALCO - PERRY K	001	02	BOILER 11-GINTN FUEL	PB	10200601	0000070	96	0.0000465	0.001	0.000	1.2067	0.0000051
MARION	0034	IPALCO - PERRY K	002	01	BOILER 12 - COAL	PB	10200202	0063392	96	0.0425456	0.013	89.999	1.2067	0.0513394
MARION	0034	IPALCO - PERRY K	003	01	BOILER 13-COAL	PB	10200202	0033891	96	0.0024137	0.000	98.929	1.2067	0.0029125
MARION	0034	IPALCO - PERRY K	004	01	BOILER 14-COAL	PB	10200202	0041929	96	0.0029862	0.000	98.929	1.2067	0.0036034
MARION	0034	IPALCO - PERRY K	005	01	BOILER 15-COAL	PB	10200204	0033943	96	0.0011308	0.000	99.499	1.2067	0.0013645
MARION	0034	IPALCO - PERRY K	006	01	BOILER 16-COAL	PB	10200204	0027231	96	0.0054343	0.000	96.999	1.2067	0.0065575
MARION	0034	IPALCO - PERRY K	007	01	BOILER 17-#2 OIL	PB	10300501	0000029	96	0.0000056	0.000	0.000	1.3062	0.0000076
MARION	0034	IPALCO - PERRY K	008	01	BOILER 18-#2 OIL	PB	10300501	0000022	96	0.0000044	0.000	0.000	1.3062	0.0000057
MARION	0036	REFINED METALS CORP	001	01	BLAST FURNACE	PB	30400403	0000000	96	0.0000000	0.012	0.000	1.0605	0.0000000
MARION	0036	REFINED METALS CORP	002	01	BLAST FURNACE	PB	30400403	0000000	96	0.0000000	0.004	0.000	1.0605	0.0000000
MARION	0036	REFINED METALS CORP	004	01	FUGITIVE DUST BAGHOUSE	PB	30900289	0000008	96	0.0179100	3.880	0.000	1.1800	0.0213132
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	05	FURNACES 1,2,3 & PREHEATR	PB	30400303	0096072	96	0.0033000	0.000	0.000	1.0605	0.0034995
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	06	FURNACES 4,5,6 & PREHEATR	PB	30400303	0096072	96	0.0030000	0.000	0.010	1.0605	0.0031814
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	07	M3 LINE (BAGHOUSE M3)	PB	30400320	0138784	96	0.0090000	0.000	0.000	1.0605	0.0095441
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	08	M3 CASTING COOLING	PB	30400325	0138784	96	0.0010000	0.000	0.000	1.0605	0.0010605
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	09	M1 MOLD POURING	PB	30400320	0093862	96	0.0004000	0.000	0.000	1.0605	0.0004242
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	10	M1 CASTING COOLING	PB	30400325	0093862	96	0.0004000	0.000	0.000	1.0605	0.0004242
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	11	PHASE III BAGHOUSE	PB	30400350	1613505	96	0.0000100	0.000	0.010	1.0605	0.0000106
MARION	0039	INDIANAPOLIS CASTING CORPORATION	002	12	PHASE IV BAGHOUSE	PB	30400331	0093862	96	0.0005000	0.000	0.000	1.0605	0.0005184

\*\*This information was unavailable.

County	ID	Plant Name	Pt	Seg.	Seg Description	Pollutant	SCG	Thruout	Year	Segment	Emission	Control	Growth	Projected
										Factor	Efficiency	Factor	Emissions	2010
MARION	0047	THOMSON CONSUMER ELECTRONICS	002	01	USED HYDRAULIC OIL	PB	10200501	0000021	96	0.0000042	0.000	0.000	1.2067	0.0000081
MARION	0061	CITIZENS GAS & COKE	002	01	DIST OIL-BOILER #1	PB	10200501	0000172	96	0.0000088	0.000	75.000	1.2067	0.000104
MARION	0061	CITIZENS GAS & COKE	003	01	DIST OIL-BOILER #2	PB	10200501	0000172	96	0.0000088	0.000	75.000	1.2067	0.000104
MARION	0063	CITIZENS GAS & COKE	004	01	DIST OIL-BOILER #3	PB	10200501	0000172	96	0.0000088	0.000	75.000	1.2067	0.000104
MARION	0063	INTERSTATE CASTINGS, INC.	001	01	MELTING-INDUCTION FURNACE	PB	30400303	0004012	96	0.0641543	0.000	24.750	1.0605	0.0680327
MARION	0065	CONNOR CORP - RICHARSON DIVISION	015	16	DIE CASTING	PB	30400401	0000804	96	0.0804000	0.200	0.000	1.0605	0.0682865
MARION	0068	INDIANA GIRLS SCHOOL	001	02	ERIE BOILER #1 - GAS/OIL	PB	10300501	0000007	96	0.0000014	0.000	0.000	1.3062	0.0000018
MARION	0068	INDIANA GIRLS SCHOOL	002	02	ERIE BOILER #2-#2 OIL	PB	10300501	0000007	96	0.0000014	0.000	0.000	1.3062	0.0000018
MARION	0068	INDIANA GIRLS SCHOOL	003	02	NEBRASKA BOILER #3 - GAS	PB	10300601	0000000	96	0.0000000	0.013	0.000	1.3062	0.0000000
MARION	0070	ALLISON ENGINE CO. INC. PLANT 8	002	01	B&W BOILER 2 PLANT 5	PB	10200205	0010519	96	0.0699613	0.000	0.000	1.2067	0.0844086
MARION	0070	ALLISON ENGINE CO. INC. PLANT 8	003	01	B&W BOILER 3 PLANT 5	PB	10200205	0005164	96	0.0343405	0.000	0.000	1.2067	0.0554251
MARION	0070	ALLISON ENGINE CO. INC. PLANT 8	004	01	B&W BOILER 4 PLANT 5	PB	10200205	0006907	96	0.0459315	0.000	0.000	1.2067	0.0544385
MARION	0071	ALLISON ENGINE COMPANY, INC. - PLANT 8	002	01	BOILER #4 - #6 FUEL OIL	PB	10200401	0000306	96	0.0005425	0.000	0.000	1.2067	0.0007754
MARION	0071	ALLISON ENGINE COMPANY, INC. - PLANT 8	003	01	BOILER #5 - #6 FUEL OIL	PB	10200401	0000104	96	0.0002184	0.000	0.000	1.2067	0.0002855
MARION	0074	ELI LILLY AND COMPANY	004	01	BOILER #6 - #6 FUEL OIL	PB	10200401	0000285	96	0.0005985	0.000	0.000	1.2067	0.0007222
MARION	0074	ELI LILLY AND COMPANY	005	01	PHARMA PROCESS	PB	30106099	0000011	96	0.0000000	0.000	0.000	1.1707	0.0000000
MARION	0074	ELI LILLY AND COMPANY	006	01	NATURAL GAS BOILER #1	PB	10300602	0000032	96	0.0490000	0.000	0.000	1.3062	0.0540047
MARION	0074	QUEMETCO, INC.	006	01	NATURAL GAS BOILER #2	PB	10300602	0000032	96	0.0490000	0.000	0.000	1.3062	0.0540047
MARION	0079	QUEMETCO, INC.	3.1	01	REVERB FURNACE MAIN FLUE	PB	30400402	0133500	96	0.0400000	0.000	94.050	1.0605	0.0424182
MARION	0079	QUEMETCO, INC.	3.2	01	REVERB FURNACE ANGLIARY	PB	30400402	0009275	96	0.4200000	0.000	94.050	1.0605	0.4453909
MARION	0079	QUEMETCO, INC.	3.3	01	COLD CHARGE EAF	PB	30400402	0028900	96	0.0000000	0.000	94.050	1.0605	0.0106625
MARION	0079	QUEMETCO, INC.	4.0	01	HOT CHARGE EAF	PB	30400402	0000000	96	0.0000000	0.000	94.050	1.0605	0.0344091
MARION	0079	QUEMETCO, INC.	4.0	01	GENERAL VENTILATION	PB	30400402	0000000	96	0.9000000	0.000	0.000	1.0605	0.9344091
MARION	0123	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	K18	01	REFINING KETTLES	PB	30404402	0086185	96	0.2800000	0.000	0.000	1.0605	0.2751182
MARION	0123	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	001	01	MASS BURN INCIENR. UNIT 1	PB	50100102	0215512	96	0.0020400	0.000	99.800	1.0000	0.0020400
MARION	0123	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	002	01	MASS BURN INCIENR. UNIT 2	PB	50100102	0225552	96	0.0020400	0.000	99.800	1.0000	0.0020400
MARION	0123	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	003	01	MASS BURN INCIENR. UNIT 3	PB	50100102	0228898	96	0.0020400	0.000	99.800	1.0000	0.0020400
MARION	0163	ST. FRANCIS HOSPITAL - BEECH GROVE	001	11	BOILER #1 ON #2 FUEL OIL	PB	10300501	0000000	96	0.0000000	0.000	0.000	1.3062	0.0000000
MARION	0163	ST. FRANCIS HOSPITAL - BEECH GROVE	002	21	BOILER #2 ON #2 FUEL OIL	PB	10300501	0000000	96	0.0000000	0.000	0.000	1.3062	0.0000000
MARION	0163	ST. FRANCIS HOSPITAL - BEECH GROVE	003	31	BOILER #3 ON #2 FUEL OIL	PB	10300501	0000000	96	0.0000000	0.000	0.000	1.3062	0.0000000
MARION	0163	ST. FRANCIS HOSPITAL - BEECH GROVE	004	04	INCINERATER	PB	10300501	0000000	96	0.0000000	0.000	0.000	1.3062	0.0000000
MARION	0199	FARM FANS, INC.	002	01	BAKED ON EMAMEL BOOTH A&B	PB	50200505	0000208	96	0.0130000	0.000	89.910	1.0000	0.0130000
MARION	0229	COMMUNITY HOSPITAL EAST	001	02	BOILER #2 OIL BACK-UP	PB	40200101	0000007	96	0.0088287	0.000	25.000	1.1707	0.0110335
MARION	0251	EASTERN ELECTRIC APPARATUS REPAIR CO.	007	01	BEARING POT	PB	10200501	0000001	96	0.0000002	0.000	0.000	1.2067	0.0000002
MARION	0255	ALTEC INDUSTRIES, INC.	001	01	BASE SOLVENT APPLICATION	PB	30400401	0000006	96	0.0005000	0.000	0.000	1.0605	0.0005000
							40200110	0003509	96	0.0179599	0.020	49.000	1.1707	0.0209902
							TOTAL			2.8666053				3.1453062

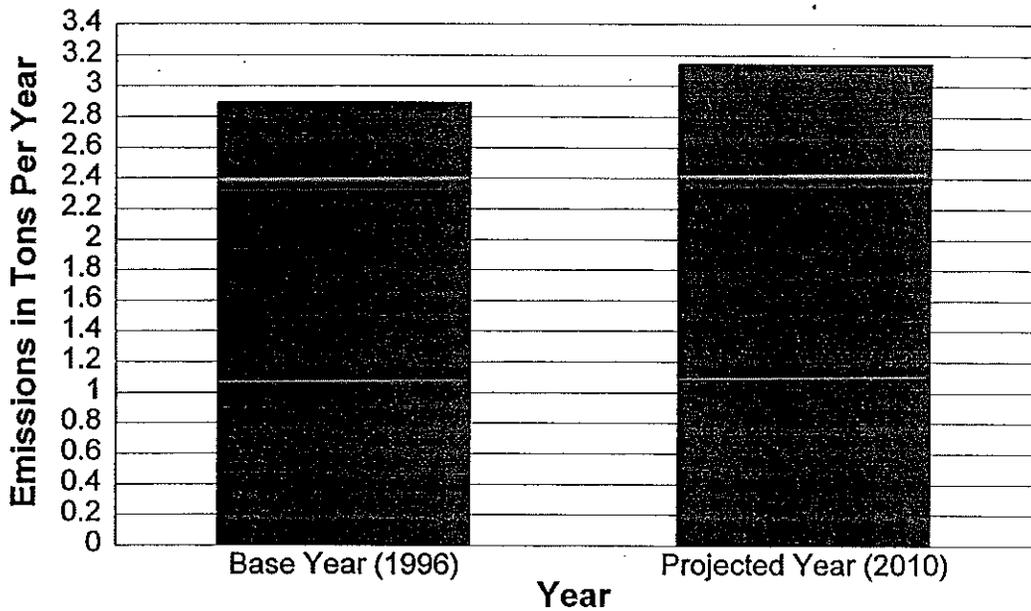
Point Sources  
Point Sources

2.897  
3.145

Base Year (1996)  
Projected Year (2010)

# Marion County

## Lead Emissions



ENCLOSURE D - ITEM 1

PAGE D-1

**Refined Metals**

**RECEIVED**

P.O. BOX 188, BEECH GROVE, INDIANA 46107

MAR 19 1997  
ENVIRONMENTAL RESOURCES  
MANAGEMENT

(317)-787-6364

Indianapolis Environmental Resources  
Management Division  
Attention Richard Martin  
2700 South Belmont Avenue  
Indianapolis, IN 46221

12/97

Richard Martin

Refined Metals Corporation has sent a letter requesting the withdraw of our Title V Permit application and the termination of our operating permit to you. It is our understanding that withdraw of the Title V application should void this invoice

Any questions or comments please contact George Ordell at 317-787-6364 or Mr. Bill Freudiger at 901-775-3798

Sincerely,

*George Ordell*

George Ordell  
Plant Manager

ENCLOSURE p - ITEM 2

PAGE D-2

{Federal Register: January 10, 1999 (Volume 64, Number 12)}  
{Rules and Regulations}  
{Page 3030-3037}  
From the Federal Register Online via GPO Access {wais.access.gpo.gov}  
{DOCID:5125ja99-17}

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ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 58

[AD-FRL-6221-2]  
EIN 2060-AF71

Ambient Air Quality Surveillance for Lead

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

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SUMMARY. Lead air pollution levels measured near the Nation's roadways  
[[Page 3031]]

have decreased 97 percent between 1978 and 1997 with the elimination of lead in gasoline used by on-road mobile sources. Because of this historic decrease, EPA is reducing its requirements for measuring lead air pollutant concentrations near major highways, while retaining its focus on point sources and their impact on neighboring populations. The EPA published a direct final rule for ambient air quality surveillance for lead on November 5, 1997 (62 FR 59313). Due to adverse comments received, the rule was withdrawn on December 23, 1997 (62 FR 67009). Based on comments that were received, today's action revises 40 CFR part 58 lead air monitoring regulations to allow many lead monitoring stations to be discontinued while maintaining a core lead monitoring network in urban areas to track continued compliance with the lead National Ambient Air Quality Standards (NAAQS). This action does not diminish existing requirements for lead ambient air monitoring around lead point sources. Approximately 70 of the National Air Monitoring Stations (NAMS) and a number of the State and Local Air Monitoring Stations (SLAMS) could be discontinued with this action, thus making more resources available to those State and local agencies to deploy lead air quality monitors around heretofore unmonitored lead point sources. Affected industries include primary and secondary lead smelting, lead battery recycling, and primary copper smelting.

DATES: The effective date of this rule is February 19, 1999.

ADDRESSES: All comments relative to this rule have been placed in Docket No. A-91-22, located in the Air Docket (LE 151), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460. The docket may be inspected between 8 a.m. and 5:30 p.m., Monday through Friday, excluding legal holidays. A reasonable fee may be charged for copying.

<http://frwebgate1.access.gpo.gov/cgi-bin/waisgate.cgi?WAISdocID=892824919+0-0+0&WAISa3/9/99:rticve>



**Legal Notice of 30-Day Period  
for Public Comment and Public Hearing**

**Request for Redesignation for Lead  
in Marion County**

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management (IDEM) will hold a public hearing on Wednesday, February 2, 2000 in Marion County. The purpose of the hearing is to receive public comment on the proposed Revision to the Indiana State Implementation Plan Request for Redesignation for Lead in Marion County. The Marion County meeting will convene at 5:00 p.m. (local time) at the Indiana Government Center South, 402 West Washington Street, Indianapolis, Indiana, Room 4. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposal.

The proposal that is the subject of the hearing concerns residents of "Marion County (part) - (part of Franklin Township: area bound by Thompson Road on the south; Emerson Avenue on the west; Five Points Road on the east; and Troy Avenue on the north)" [40 CFR 81.315 (updated 1996)] and "Marion County (part) - (part of Wayne Township: area bound by Rockville Road on the north, Girls School Road on the east, Washington Street on the south, and Bridgeport Road on the west.)" [40 CFR 81.315 (updated 1996)]

The purpose of the proposal is to request the U.S. Environmental Protection Agency to formally redesignate these areas to attainment for lead, since the ambient air meets federal and state health standards for lead.

Copies of the above proposal are available to any person upon request and are available for public inspection at the following locations:

Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, 10th floor-East wing, Indianapolis, Indiana.

Legislative Services Agency, Indiana Government Center-South, Room E011, 302 W. Washington Street, Indianapolis, Indiana.

Indianapolis-Marion County Public Library, 40 East St. Clair Street, Indianapolis, Indiana.

Oral statements will be heard, but for the accuracy of the record, please submit statements in writing to the attendant designated to receive written comments at the public hearing.

IDEM will also accept written comments through February 9, 2000. Mailed comments should be addressed to:

Lead Redesignation for Marion County  
Kathryn Watson, Chief  
Air Programs Branch  
Office of Air Management  
P.O. Box 6015  
Indianapolis, IN 46206-6015

A transcript of the hearing and all written submissions to the board at the public hearing shall be open to public inspection at the Indiana Department of Environmental Management and copies may be made available to any person upon payment of reproduction costs. Any person heard or represented at the hearing or requesting notice shall be given written notice of the action of the board.

For additional information contact Judy Lombardo, at the Indiana Department of Environmental Management, Office of Air Management, Room 1001, Indiana Government Center North, 100 North Senate Avenue, Indianapolis or call (317) 233-5680 or (800) 451-6027 ext. 35680 (in Indiana).

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Janet G. McCabe  
Assistant Commissioner  
Office of Air Management

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*Individuals requiring reasonable accommodations for participation in this event should contact the Indiana Department of Environmental Management, Americans with Disabilities Act coordinator at:*

*Attn: Brandye Hendrickson, ADA Coordinator  
Indiana Department of Environmental Management  
100 N. Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015*

*or call (317) 233-1785. Speech and hearing impaired callers may contact the agency via the Indiana Relay Service at (317) 232-6565. Please provide a minimum of 72 hours' notification.*

BEFORE THE STATE OF INDIANA  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

- - -

PUBLIC HEARING REGARDING  
INDIANA'S LEAD ATTAINMENT  
DEMONSTRATION FOR MARION COUNTY

- - -

**ORIGINAL**

PROCEEDINGS

in the above-captioned matter, before Hearing  
Officer Judy Lombardo, taken before me, Lindy L.  
Meyer, Jr., a Notary Public in and for the State  
of Indiana, County of Shelby, at the Indiana  
Government Center South, 402 West Washington  
Street, Conference Center, Room 4, Indianapolis,  
Indiana, on Wednesday, February 2, 2000 at 5:01  
o'clock p.m.

- - -

William F. Daniels, RPR/CP CM d/b/a  
ACCURATE REPORTING OF INDIANA  
12922 Brighton Avenue  
Carmel, Indiana 46032  
(317) 848-0088

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APPEARANCES:

Ms. Judy Lombardo, Hearing Officer  
Ms. Kathy Watson  
Mr. Ken Ritter  
On behalf of the Indiana Department  
of Environmental Management.

Mr. Richard Martin  
Ms. Amy Silver  
On behalf of the Indianapolis  
Environmental Resources Management  
Division.

ALSO PRESENT:

Kathy Howard  
Mary Davis

- - -

1 5:01 o'clock p.m.  
2 February 2, 2000

3 THE HEARING OFFICER: This is a  
4 public hearing to accept comments on the Indiana  
5 Department of Environmental Management's request  
6 for redesignation for lead attainment for Marion  
7 County.

8 My name is Judy Lombardo, Environmental  
9 Scientist in the Air Programs Branch at IDEM. I  
10 have been appointed to act as Hearing Officer.  
11 With me is Kathy Watson, Chief of IDEM's Air  
12 Programs Branch; Ken Ritter, Chief of IDEM's  
13 Technical Support and Modeling Section; Rick  
14 Martin, Planning Manager of the Indianapolis  
15 Environmental Resources Management Division; and  
16 Amy Silver, consultant for the Indianapolis  
17 Environmental Resources Management Division.

18 Notice of the time and place of the  
19 hearing was provided by law by publication in  
20 the following newspaper: The Indianapolis Star.

21 Will the official reporter designated  
22 for this hearing please stand and raise his  
23 right hand and state his name?

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(Reporter sworn.)

THE HEARING OFFICER: The Office of Air Management has submitted a request for redesignation for lead attainment for Marion County. I will provide a brief background on this request later during the meeting.

The purpose of this public hearing is to provide interested persons an opportunity to offer comments to the agency on the submittal. Appearance blanks have been distributed in the hearing room for all those desiring to be shown appearing on record in this cause.

If you have not already filled out the form, please do so, and indicate if you are appearing for yourself or on behalf of a group or organization, and identify the group or organization. Also note the capacity in which you appear, such as attorney, officer or authorized spokesperson.

Any person who is heard or represented at this hearing, or who requests notice, may be given written notice of the final action on this submittal. Please indicate on the appearance

1 blanks if you wish to receive this notification.  
2 When appearance cards have been completed, they  
3 should be handed to me and I will include them  
4 with the official record of this proceeding.

5 Oral statements will be heard, but  
6 written statements may be handed to me or mailed  
7 to the Office of Air Management on or before the  
8 close of business on February 9th, 2000.

9 A written transcript of this hearing is  
10 being made. The transcript will be open for  
11 public inspection, and a copy of the transcript  
12 will be made available to any person upon the  
13 payment of copying costs.

14 After the conclusion of this public  
15 hearing, I will prepare a written report  
16 summarizing the comments received at this  
17 hearing, and recommending changes which may need  
18 to be made to this document.

19 I would like to introduce the following  
20 documents into the record: The Notice of Public  
21 Hearing, and the document titled, "Request for  
22 Redesignation for Lead Attainment for Marion  
23 County."

1 I would like to briefly go over the  
2 background and the content of IDEM's submittal  
3 to redesignate Marion County to attainment for  
4 lead. Based upon monitored violations of the  
5 lead standard, portions of Marion County have  
6 been designated as nonattainment for lead. This  
7 request is to change the status to attainment  
8 for the entire county.

9 In order for a county to have its  
10 status changed, it must meet several  
11 requirements established by U.S. EPA. These  
12 are: Ambient monitoring data showing that the  
13 county has met the National Ambient Air Quality  
14 Standards for the past three years; air quality  
15 improvements that can be attributed to  
16 reductions in lead emissions which are permanent  
17 and enforceable; and a maintenance plan that  
18 assures continued attainment of the standard.

19 The document shows that all of the  
20 above criteria have been met. Enclosure A-Item  
21 2 of the document contains charts that show the  
22 monitored values since 1985. These charts show  
23 that the values are well below the standard and

1 there have been no exceedences in Marion County  
2 since 1994. The ambient air quality network  
3 will continue to monitor lead in the future.

4 IDEM has compiled an emissions  
5 inventory since 1985. While collection  
6 techniques and quality assurance procedures have  
7 changed since the earliest inventories, our  
8 inventories show that emissions have greatly  
9 decreased over the years in which IDEM's lead  
10 rules were being implemented.

11 Finally, this request also contains a  
12 maintenance plan which will be used to assure  
13 continued attainment. It contains specific  
14 monitored levels which will trigger responses by  
15 IDEM.

16 This concludes my comments about  
17 Indiana's Attainment Demonstration for Lead for  
18 Marion County, and the hearing is now open for  
19 public comment. Are there any public comments?

20 MS. HOWARD: Well, I think we're  
21 grateful that this has happened, and appreciate  
22 everybody's hard work and putting up with us  
23 during the time when we kept griping.

1 MS. WATSON: Can you state your  
2 name for the record?

3 MS. HOWARD: My name's Kathy  
4 Howard.

5 THE HEARING OFFICER: Any other  
6 comments?

7 (No response.)

8 THE HEARING OFFICER: Okay. The  
9 proceedings are hereby concluded, and the  
10 hearing is adjourned.

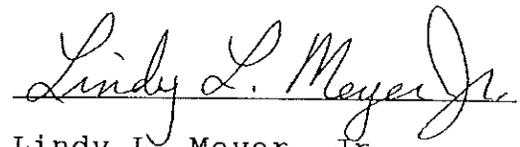
11 - - -  
12 Thereupon, the proceedings  
13 of February 2, 2000 were concluded  
14 at 5:06 o'clock p.m.  
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CERTIFICATE

I, Lindy L. Meyer, Jr., the undersigned Court Reporter and Notary Public residing in the City of Shelbyville, Shelby County, Indiana, do hereby certify that the foregoing is a true and correct transcript of the proceedings taken by me on Wednesday, February 2, 2000 in this matter and transcribed by me.



Lindy L. Meyer, Jr.,  
Notary Public in and  
for the State of Indiana.

My Commission expires October 27, 2000.



CITY OF INDIANAPOLIS  
STEPHEN GOLDSMITH  
MAYOR

Item 2

February 2, 2000

Ms. Janet McCabe  
Assistant Commissioner  
Indiana Department of Environmental Management  
Office of Air Management  
105 S. Meridian Street  
P.O. Box 6015  
Indianapolis, IN 46206-6015

Dear Ms. McCabe:

On Wednesday, February 2, 2000, a Public Hearing was held Indiana Government Center South to receive public comments on the proposed SIP submittal to USEPA to redesignate a portion of Franklin and Wayne Townships in Marion County to attainment with the National Ambient Air Quality Standards for Lead. The City of Indianapolis, Environmental Resources Management Division would like to enter the following comments into the Public Record.

The City of Indianapolis strongly supports this request to redesignate these portions of Marion County to attainment with the National Ambient Air Quality Standards (NAAQS) for Lead. The City has worked closely with the Indiana Department of Environmental Management and others over the last several years to improve the air quality in Indianapolis and eliminate exceedances of the NAAQS. We would like to thank IDEM for their guidance and support in realizing this important accomplishment. The areas identified in the Request for Redesignation have not exceeded the ambient air quality standards for several years, and all conditions included in the Lead State Implementation Plan for these areas have been satisfied. We encourage the United States Environmental Protection Agency to support this request.

Thank you for this opportunity to comment, and if there are any questions please contact Richard Martin of my staff at (317) 327-2269.

Sincerely,

  
Robert Holm, PhD  
Administrator  
Environmental Resources Management Division

Cc: Mary Uhler  
Richard Martin





# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live*

*Evan Bayh*  
Governor  
*Kathy Prosser*  
Commissioner

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
Telephone 317-232-8603  
Environmental Helpline 1-800-451-6027

May 22, 1994

Mr. Valdas V. Adamkus  
Regional Administrator  
Region V  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

Re: Marion County Lead SIP

Dear Mr. Adamkus,

Pursuant to Section 110(a) of the Clean Air Act Amendments of 1990 (CAAA) and Title 13 of the Indiana Code, the Indiana Department of Environmental Management (IDEM) submits a revision to its state implementation plan (SIP) for the Marion County, Indiana lead nonattainment area and requests that the United States Environmental Protection Agency (U.S. EPA) approve the plan. Included as a part of this revision is a site specific rule for Refined Metals and additional information required to meet the Part D requirements contained in Section 172 of the CAAA.

The portion of Franklin Township, Marion County bounded by Troy Avenue on the north, Five Points Road on the east, Thompson Road on the south, and Emerson Avenue on the west was designated as a lead nonattainment area on January 6, 1992. The CAAA requires that attainment be achieved by January 6, 1997. Refined Metals is the only lead source in the Marion County lead nonattainment area. A SIP revision for the area was submitted to U.S. EPA on January 4, 1992. Subsequent violations of the National Ambient Air Quality Standard (NAAQS) for lead caused IDEM to reconsider the effectiveness of that SIP submittal and on September 20, 1993, IDEM withdrew the January 4, 1992 submittal. An Emergency Rule which specified control methodologies and lead emission limitations for the Refined Metals facility was adopted by the Indiana Air Pollution Control Board (Board) on September 2, 1993, and became effective on October 1, 1993. The Board preliminarily adopted a permanent lead rule for Refined Metals on October 6, 1993. The rule was adopted in final on March 10, 1994, and became effective on April 27, 1994.

Another violation of the lead NAAQS occurred during the first quarter of 1994. An Agreed Order (Cause No. A-2521) between IDEM and the company contains specific measures to address this recent violation. The Agreed Order requires Refined Metals to install new bags in the M4 dust collector, seal the materials storage building, enclose the area between the battery breaker and the materials storage building, install a double doorway on the west side of the materials building and abandon the use of the north doorway, install a wheel wash for vehicles exiting the materials storage building, revise the fugitive lead dust control program, clean up any lead dust outside immediately, and enclose the bottoms of the baghouses. All of these measures are aimed at assuring compliance with the new lead rule and improving the effectiveness of the fugitive dust control plan.

CD#3

# Marion County Lead SIP

May 1994

Mr. Adamkus  
Page Two

This SIP submission addresses the nonattainment plan provisions of Title I, Part D of the CAAA and contains the administrative checklist (Enclosure 1); the site specific lead rule for Refined Metals, 326 IAC 15-1-2, which was adopted in final on March 10, 1994, and became effective on April 27, 1994 (Enclosure 2); a set of documents showing that Indiana's statutory rulemaking process was adhered to, including proofs of publication (Enclosure 3); the May 4, 1994, transcript of the public hearing held on March 10, 1994, at which no comment was received (Enclosure 4); the fugitive lead dust control plan (Enclosure 5); the complete and comprehensive inventory submitted to IDEM by the Indianapolis Air Pollution Control Section (IAPCS) on April 28, 1994 (Enclosure 6); and the Agreed Order (Enclosure 7).

IDEM requests that U.S. EPA find that this SIP submittal satisfies the requirements of the CAAA. Section 172(c)(1) requires the implementation of reasonably available control measures (RACM), including reasonably available control technology (RACT). RACM and RACT are achieved in the rule (326 IAC 15-1-2) and in the lead fugitive dust plan. The rule includes stringent emission limitations on the baghouse stacks, requirements for the buildings to be maintained under negative pressure, and monitoring requirements. The lead fugitive dust plan includes operation and maintenance procedures designed to minimize emissions of fugitive lead dust and provisions for the immediate clean up of any lead dust spills. Modeled attainment is required to support the proposal that RACM and RACT are in place. A technical support document including comprehensive modeling of fugitive emissions will be completed and submitted as an addendum to this SIP submittal. A protocol for sampling of fugitive dust from roadways and parking lots at the Refined Metals facility has been approved by the U.S. EPA and the sampling was done on May 20, 1994. A representative of the U.S. EPA was present along with IDEM and IAPCS personnel when the samples were collected. Analyses of the samples will be conducted by the Office of Air Management's analytical laboratory. The results of those analyses will provide the information needed for accurate inputs to the air quality model.

Section 172(c)(2) requires that reasonable further progress (RFP) be made. As indicated in the general preamble, in a case such as this, where nonattainment is caused by a single source, linear progress is not necessarily appropriate. IDEM believes that compliance with the emissions limitations and other requirements of the site specific lead rule, 326 IAC 15-1-2, and requirements contained in the lead fugitive dust plan for Refined Metals will result in immediate attainment of the NAAQS in the Marion County lead nonattainment area.

Section 172(c)(3) requires that a complete, comprehensive, accurate, current inventory be compiled. This was completed by the IAPCS on April 28, 1994, and is included as a part of this submission. The inventory demonstrated that Refined Metals is the only lead source in the Marion County lead nonattainment area.

Section 172(c)(4) requires that plan provisions shall expressly identify and quantify the emissions, if any, of any such pollutant or pollutants which will be allowed, in accordance with Section 173(a)(1)(B), from the construction and operation of major new or modified major sources in each such area. Section 173(a)(1)(B) describes considerations for targeted economic development zones. The Marion County lead nonattainment area is not a targeted economic development zone. We do not anticipate that it will become one.

Mr. Adamkus  
Page Three

Section 172(c)(5) requires that an approved new source review (NSR) program be in place. Indiana's Emission Offset rule, 326 IAC 2-3, which was submitted to U.S. EPA on February 25, 1994, fulfills this requirement.

Section 172(c)(6) requires enforceable emission limits, schedules, and timetables for compliance. The enclosed Refined Metals site specific lead rule, 326 IAC 15-1-2, effective on April 27, 1994, fulfills these requirements.

Section 172(c)(7) requires compliance with Section 110(a)(2) of the CAAA. That section contains a wide variety of provisions pertaining to ambient monitoring, emergency powers, interference with other states air quality, permitting programs, required modeling, adequate funding and authority, and consultation with local political entities. The applicable requirements of Section 110(a)(2) are addressed and fulfilled in Indiana's existing air quality rules and this SIP submittal, with the exception of the air quality modeling which will be submitted as an addendum to this SIP submittal as soon as it is completed.

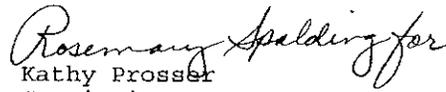
Section 172(c)(8) allows for the use of equivalent techniques for modeling, emission inventory, or planning procedures. These alternatives are not applicable to this submittal.

Section 172(c)(9) requires inclusion of provisions for the implementation of contingency measures if the area fails to meet RFP or meet the NAAQS by the applicable date. Such measures are currently being incorporated into a new operation permit for Refined Metals to be issued by IAPCS. The new permit is currently being drafted and is nearing completion. After a minimum 30 day public notice, a public hearing will be held on the new permit and the modified fugitive dust plan which will reflect changes required by the Agreed Order. The new Refined Metals operating permit and a modified fugitive dust plan will also be submitted as addenda to this SIP submittal after the public hearing is completed and comments have been addressed.

An official public hearing was held by the Air Pollution Control Board on the proposed rule changes at the time of final adoption and ample opportunity for public comment was afforded to all interested parties as a part of the standard rulemaking process for environmental boards in Indiana. No public comment was received, therefore IDEM has not included a Response to Comments document in this submittal.

If you or your staff have any questions regarding this submittal, please contact Janet McCabe, Chief of the Air Programs Branch at (317) 233-5694

Sincerely,

  
Kathy Prosser  
Commissioner

cc: Jay Bortzer  
Rick Martin

Enclosure 1

- ADMINISTRATIVE CHECKLIST (40 CFR 51, Appendix V)                      Enclosure #
1. The submittal is accompanied by a formal letter of submittal from the governor or his designee.                      yes, May 22, 1994
  2. Evidence that the state has adopted the plan in the State code or body of regulations; in final form.
    - a. date of adoption or final issuance                      March 10, 1994
    - b. the effective date of the plan, if different from the adoption/issuance date.                      April 27, 1994
  3. Evidence that the state has the necessary legal authority under state law to adopt and implement the plan.                      IC 13-1-1-4  
IC 13-7-7
  4. A copy of the actual regulation or document is included in the submittal.                      Final adopted rule  
Enclosure 2
    - a. indication of the changes made to the existing approved plan, where applicable.                      Enclosure 2
    - b. the submittal shall be a copy of the official State regulation/document signed, stamped, dated by the appropriate state official indicating that it is fully enforceable by the State. Effective date shall be stated in the document itself.                      Enclosure 2  
Signature  
Page
  5. Evidence that the state followed all of the procedural requirements of the state's laws and constitution in conducting and completing the adoption/issuance of the plan.                      Enclosure 3
  6. Evidence that public notice was given, including date of proof of publication.                      Enclosure 3  
Item 4
  7. Certification that public hearings were held in accordance with information provided in public hearing notice.                      Enclosure 4
    - a. Public hearing date was March 10, 1994.
  8. Compilation of public comments and State's response.                      N/A

TECHNICAL CHECKLIST

1. The following regulated pollutants affected by the revision are identified: Ozone\_\_\_\_; Total Suspended Particulates\_\_\_\_; Sulfur Dioxide; Nitrogen Dioxide\_\_\_\_; Carbon Monoxide\_\_\_\_; Particulate Matter-10\_\_\_\_.                      Lead
  - a. Attainment status of the area.                      Nonattainment

- b. Attainment date of the area. January 6, 1997
2. The locations of the affected source is 3700 South Arlington Avenue, Beech Grove, Indiana
3. Quantification of the changes in plan allowable emissions from the affected source.
- a. Estimates of changes in current actual emissions from affected sources; or Cover letter addresses modeling
- b. Where appropriate, through calculations of the differences between certain baseline levels and allowable emissions anticipated as a result of the revision. Cover letter addresses TSD
4. Evidence is provided that (select those appropriate)
- a. The NAAQS will be protected if the revision is approved and implemented Cover letter addresses modeling
- b. The PSD increment will be protected if the revision is approved and implemented. N/A
- c. The Reasonable Further Progress (RFP) demonstration will be protected if the revision is approved and implemented. Cover letter
- d. Visibility will be protected if the revision is approved and implemented. N/A
5. Modeling information required to support the proposed plan including input and output data, models used, justification of model selections, ambient monitoring data used, meteorological data used, justification for use of offsite data, modes of models used, assumptions, and other information relevant to the determination of adequacy of the modeling analysis. Cover letter
6. Evidence, when necessary, that emission limitations are based on continuous emission reduction technology. Enclosure 2
7. Evidence that the plan contains the following to ensure emission levels:
- a. emission limitations Enclosure 2
- b. work practice standards Enclosure 5
- c. recordkeeping/reporting requirements Enclosure 2
8. Compliance/enforcement strategies including how compliance will be determined in practice. Enclosures 2, 5, and 7
9. Special economic and technological justifications required by any applicable EPA policies. N/A

TITLE 326 AIR POLLUTION CONTROL BOARD

Final Rule  
LSA Document #93-201(F)  
Digest

Amends 326 IAC 15-1-2 to establish requirements to maintain the materials storage building and the blast/dust furnace area under constant negative pressure and to continuously monitor negative pressure. Additionally, specific criteria are set for the control of both fugitive and stack emissions. Effective 30 days after filing with the secretary of state.

SECTION 1. 326 IAC 15-1-2, PROPOSED TO BE AMENDED AT 16 IR 2222, SECTION 1, IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-1-1-4  
Affected: IC 13-1-1; IC 13-7-7

Sec. 2. (a) The sources listed below shall comply with the following emission and operating provisions:

<u>Source</u>	<u>Facility Description</u>	<u>Emission Limitation lbs./hr.</u>
(1) Refined	M-1 baghouse stack <sup>1</sup>	0.91
Metals of	M-2 baghouse stack <sup>1</sup>	0.15
Indianapolis	M-3 baghouse stack <sup>1</sup>	0.15
	M-4 baghouse stack <sup>1</sup>	0.30

<sup>1</sup> Compliance shall be achieved on or before April 30, 1992.

(A) On or before June 1, 1987, Refined Metals of Indianapolis shall install and operate hooding systems for the blast furnace skip hoist and charging area, the blast furnace slag and lead tapping area, the casting area, the refining kettles, and the lead dust furnace charging area.

(B) The hooding systems required for the operations listed in clause (A) shall vent the emissions through a control device to one (1) of the four (4) stacks, M-1 through M-4.

(C) On or before June 1, 1987, Refined Metals of Indianapolis shall also install and operate enclosed screw conveyors to transport lead flue dusts to the lead dust furnace. There shall be no visible emissions from the screw conveyors. Compliance shall be determined by 40 CFR 60, Appendix A, Method 22\*\*.

~~(D) On or before April 1, 1992, Refined Metals of Indianapolis shall totally enclose The building buildings housing the blast furnace, and the dust furnace, Total enclosure and materials storage shall be demonstrated as follows:~~

- ~~(i) Access doors and windows in the total enclosure shall be closed during routine operations.~~
- ~~(ii) The interior of the total enclosure must operate at a lower pressure than its surroundings so that air flows into the enclosure at all natural draft openings.~~
- ~~(iii) The average air velocity through the natural draft openings shall be at least five hundred (500) feet per minute.~~
- ~~(iv) Sources of emissions shall be located at least four (4) times the opening area divided by the perimeter from each natural draft opening.~~
- ~~(v) The total area of all natural draft openings shall be less than five percent (5%) of the surface area of the total enclosure's four (4) walls, floor, and ceiling.~~

kept under continuous negative pressure by constant flow rate fans ducted to control devices.

(E) The company shall install and operate a continuous monitoring system to measure and record pressure differential to ensure that the materials storage building and the blast/dust furnace area are maintained under negative pressure while the plant is in operation. The monitoring system shall be located on the north wall of the materials storage building. It shall consist of a differential pressure sensor/transmitter, a processor, and a recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

~~(E)~~ (F) The blast furnace and the dust furnace fugitive emissions shall be drawn from the enclosure by a constant flow rate fan to a control device. The control device shall vent to the atmosphere through the M-4 baghouse stack which shall be at least eighty (80) feet in height from ground level.

~~(F)~~ (G) Visible emissions from the M-1, M-2, M-3, and M-4 baghouse stacks and from building openings shall not exceed a six (6) minute average of three percent ~~(3%)~~ five percent (5%) opacity for each stack and opening as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*.

(H) Visible emissions from building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9\*\*, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals.

~~(G)~~ (I) Refined Metals of Indianapolis shall install and operate continuous opacity ~~monitors~~ monitoring systems (COMS) in the M-1 and the M-4 baghouse stacks or in the ductwork leading to those stacks. COMS data shall be used to determine compliance with the ~~three percent (3%)~~ five percent (5%) opacity limits. ~~The COMS shall be operated in accordance with the procedures specified in 326 IAC 3-1.1-1 required by clause (G).~~ The COMS shall meet the performance and installation requirements of 40 CFR 60, Appendix B, Performance Specification 1\*\*. The company shall also comply with the following:

(i) A complete written standard operating procedure (SOP) for COMS shall be submitted to the department for approval. The department shall complete the review of the COMS SOP within sixty (60) days of submittal. The COMS SOP shall contain, at minimum, complete step by step procedures for the following:

- (AA) Calibration procedures.
- (BB) Operation procedures.
- (CC) Preventive maintenance procedures.
- (DD) Quality control and quality assurance (QA) procedures.
- (EE) Record keeping and reporting procedures.

(ii) The company shall perform quarterly COMS performance audits and notify the department fourteen (14) days in advance of each audit. The company shall submit quarterly COMS QA reports to the department within 30 days following the end of the quarter. Each report shall summarize performance audit results and provide an explanation for periods of time during the quarter when valid data was not collected.

(iii) COMS excess emission reports, shall be submitted to the department within thirty (30) days following the end of each calendar quarter. These reports shall contain at minimum the following:

- (AA) The operating time of the monitored facilities.
- (BB) The date and time each COMS recorded opacity measurements above the five percent (5%) opacity limit.

(CC) The date and time each COMS was inoperative or malfunctioning.

(DD) A description of the nature and cause of any excess emissions.

~~(H)~~ (J) Refined Metals of Indianapolis shall achieve compliance with clauses (D) through ~~(G)~~(I) by ~~April 30, 1992~~ March 1, 1994. In the event that the plant is idle on March 1, 1994, compliance with clauses (D) through (I) shall be achieved by the date the plant resumes production. Refined Metals shall notify the department thirty (30) days before production resumes to enable the department to make a compliance determination.

~~(I)~~ (K) Refined Metals of Indianapolis shall perform a stack test on the M-1, M-2, M-3, and M-4 baghouse stacks and demonstrate compliance with this subdivision by June 30, 1992. All subsequent stack tests shall be conducted utilizing the methodologies of 40 CFR 60, Appendix A, Methods 1, 2, 3, 4, 5, and 12\*\*.

(L) Any violation of the National Ambient Air Quality Standard (NAAQS) shall result in an investigation by Refined Metals to determine the cause of the violation. Such an investigation shall be completed within ninety (90) days after the date the violation is confirmed. Refined Metals shall provide a corrective action plan to the department for approval within ninety (90) days of the confirmation of the violation. The plan shall specify the actions required to continuously meet the NAAQS. Refined Metals shall implement the plan upon approval by the department. The department may require a cessation in production, if needed, to assure continuous attainment of the NAAQS.

(2)	Chrysler Corporation Foundry, Indianapolis	Cupola stack	0.550
		Cupola fugitive	1.894
(3)	Delco Remy Division of General Motors Corporation, Muncie	Lead oxide mfg. stack (each of 5)	0.068
		Oxide grinder stack (each of 2)	0.123
		*Central tunnel system stack (each of 4)	0.254
		Reverberatory furnace stack	0.225
		O.S.I. drying oven stack (each of 4)	0.0015
		Electric melting pot stack	0.159

\*On or before June 1, 1987, Delco Remy shall install ductwork to vent emissions from the vacuum cleaning lines through the control devices and stacks serving the Central Tunnel System.

(4) Indiana Oxide Corporation, Brazil	Barton #1 reactor	0.215
	Barton #2 reactor	0.215
	Barton #3 reactor	0.215
	Barton #4 reactor	0.215
	Rake furnace	0.006
	Kiln #2	0.002
	*Franklin reactor	0.603

\*Shall not operate more than 670 hours per quarter.

(5) U.S.S Lead Refinery East Chicago	*Blast furnace stack	0.002
	*Blast furnace fugitive	
	Charging	2.922
	Lead tapping	0.002
	Slag tapping	0.005
	*Refining kettles fugitive	0.0001
	*Casting fugitive	0.393
*Reverberatory furnace fugitive	0.345	

\*Shall not operate more than 334 hours per quarter.

(6) Hammond Lead Products, Inc., HLP-Lead Plant	Stack 4A-S-8	0.053
	Stack 14-S-16	0.053
	Stack 1-S-2	0.053
	Stack 1-S-26	0.053
	Stack 16-S-56	0.200
	Stack 1-S-52	0.070
	Stack 1-S-27	0.020
	Stack 4-S-35	0.090
	Stack 6-S-33	0.070
	Stack 4B-S-34	0.080
	Stack 6-S-47	0.021
	Stack V-1	0.090
	Stack V-11	0.006

(A) The ventilator control system (Stack V-1) shall consist of a fan with a constant flow rate that draws air from the building through a HEPA filter which vents to the atmosphere through a stack. The HEPA filters shall be maintained and operated in order to achieve maximum control efficiency. In addition to the requirements contained in subsection (c), Hammond Lead Products, Inc. shall submit an operation and maintenance plan by July 31, 1990, which incorporates good housekeeping practices for the ventilator control systems. This operation and maintenance plan shall be incorporated into the operating permits for Hammond Lead Products, Inc. and submitted to U.S. EPA as a revision to Indiana's lead state implementation plan by December 31, 1990. The ventilator control systems shall be designed such that process fugitive emissions will not routinely escape the buildings except as vented through the ventilator control

systems. The compliance test method specified in section 4(a) of this rule shall be used to determine compliance with the emission limitations for the ventilator control system stacks.

(B) By December 31, 1989, the stack heights for all processes except Stack 16-S-56, Stack 1-S-52 and the ventilator control systems shall be no less than sixty (60) feet above grade; the stack heights for Stack 16-S-56 and Stack 1-S-52 shall be no less than eighty-two (82) feet above grade; and the stack height for Vent 11 shall be no less than thirty-five (35) feet above grade. By July 31, 1990, the stack heights for the other ventilator control systems shall be no less than sixty (60) feet above grade.

(C) Hammond Lead Products, Inc. shall install HEPA filters according to the following schedule:

Stack 4A-S-8	March 31, 1992
Stack 14-S-16	June 30, 1992
Stack 1-S-2	December 31, 1991
Stack 1-S-26	September 30, 1992
*Stack 16-S-56:	
130 bag filter	November 20, 1989
100 bag filter	December 6, 1989
80 bag filter	June 1, 1989
72 bag filter	December 31, 1991
Stack 1-S-52	December 31, 1989
Stack 1-S-27	August 15, 1987
Stack 4-S-35	October 16, 1989
Stack 6-S-33	July 22, 1988
Stack 4B-S-34	October 5, 1989
Stack 6-S-47	May 26, 1988

\* Four (4) bag filters are vented through common Stack 16-S-56.

(D) Hammond Lead Products, Inc. shall provide written notification to the commissioner within three (3) days after the installation of HEPA filters is completed at each of the sites listed in clause (A).

(E) All emissions limitations in this subdivision shall be met by December 31, 1992.

(F) This subdivision shall be submitted to the U.S.EPA as a revision to the Indiana state implementation plan.

(7) Hammond	1Stack S-1	1.000
Lead	Stacks S-4, S-5	
Products, Inc.	(each)	0.100
Halstab	Stacks S-6, S-7	
Division	S-8 (each)	0.120
	2Stacks S-9, S-10	
	S-11 (each)	0.120
	3Stacks S-12, S-13	
	(each)	0.120
	4Stacks S-14, S-16	

(each)	0.120
<sup>5</sup> Stack S-15	0.120
Stack S-17	0.100

- <sup>1</sup> Shall not operate more than 166.5000 hours per quarter
- <sup>2</sup> Shall not operate more than 625 hours per quarter per stack
- <sup>3</sup> Shall not operate more than 250 hours per quarter per stack
- <sup>4</sup> Shall not operate more than 1,000 hours per quarter per stack
- <sup>5</sup> Shall not operate more than 1,500 hours per quarter

(8) Quemetco,	Stack 100	1.000
Inc.,	Stack 101	0.015
Indianapolis	Stack 101	0.015
	Stack 102	0.015
	Stack 103	0.015
	Stack 104	0.015
	Stack 105	0.015
	Stack 106	0.015
	Stack 107	0.015
	Stack 108	0.015
	Stack 110	0.015

(A) Fugitive emissions from the reverberatory furnace, electric arc furnace, casting operations, and refinery kettles shall be controlled as follows:

(i) When the plant is operating the interior of the building must operate at a lower pressure than its surroundings so that air flows into the building at all openings.

(ii) The company shall install and operate a monitoring system which will measure pressure differential to ensure that the building is maintained under negative pressure while the plant is in operation. This monitoring system shall be located on the East wall of the building or at such permanent location as shall be approved in writing at a prior time by both the U.S.EPA and IDEM. It shall consist of a differential pressure sensor, a processor, and a continuous recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

(B) Fugitive emissions from within the building shall be vented to the atmosphere through HEPA filters which serve several different work areas or through process control devices and then to the atmosphere through the main process stack that is at least one hundred sixty-five (165) feet above ground level. Visible emissions from all building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9\*\*, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals. Visible emissions from the HEPA filter exhausts shall not exceed an average of three percent (3%) opacity

as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*.

(C) The opacity limit for the main process stack (Stack 100) shall be ten percent (10%) as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*. Quemetco, Inc. shall operate a continuous opacity monitoring system for the main process stack. Continuous opacity monitoring system data shall be used to determine compliance. The continuous opacity monitoring system shall meet the performance, installation, and operational requirements of 40 CFR 60, Appendix B, Performance Specification 1\*\*. A continuous opacity monitoring system quality assurance plan which shall include a requirement for quarterly performance audits shall be submitted to the department for approval.

(D) Continuous opacity excess emissions reports shall be submitted to IDEM within thirty (30) days following the end of each calendar quarter. These reports shall contain at minimum:

- (i) The operating time of the monitored facilities.
- (ii) The date and time the continuous opacity monitoring system recorded opacity measurements above the ten percent (10%) limit.
- (iii) The date and time that the continuous opacity monitoring system was inoperative or malfunctioning.
- (iv) A description of the nature and cause of any excess emissions.

(E) Quemetco, Inc. shall demonstrate compliance with the lead emissions limitation for the main process stack (Stack 100) utilizing the methodologies of 40 CFR 60, Appendix A, Methods 1, 2, 3, 4, 5, and 12\*\*.

(F) Quemetco, Inc. shall achieve compliance with clauses (A) through (E) according to the following schedule:

- (i) Complete installation of the continuous opacity monitoring system on main process stack (Stack 100) by January 1, 1994.
- (ii) Perform a stack test on main process stack (Stack 100) and demonstrate compliance with this subdivision by April 1, 1994.
- (iii) Complete installation of the negative pressure monitoring system by June 1, 1994.
- (iv) Submit a continuous opacity monitoring system quality assurance plan to the department for approval by June 1, 1994.

(G) Quemetco, Inc. shall submit a written statement providing evidence to the commissioner within thirty (30) days of each applicable date specified in clause (F) that the requirements of this subdivision have been met.

(b) In addition to the sources listed in subsection (a) the following sources shall comply with subsection (c) and section 3 of this rule:

- (1) Exide Corporation, Logansport.
- (2) C & D Batteries, Attica.
- (3) Exide Corporation, Frankfort.

(c) Operation and maintenance programs shall be designed to prevent deterioration of control equipment performance. For sources listed in subsection (a) (1) through (a) (7), these programs shall be submitted to the department of environmental management, office of air management, on or before June 1, 1987. For sources listed in subsections (a) (8) through (b), these programs shall be submitted to the office of air management on or before February 1, 1988. These programs will be incorporated into the individual source operation permits.

\*\*Copies of the Code of Federal Regulations (CFR) referenced in 326 IAC 15-1 may be obtained from the Government Printing Office, Washington, D.C. 20402 or from the Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015. (Air Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832)

TITLE 326 AIR POLLUTION CONTROL BOARD

LSA DOCUMENT # 93-201 (F)

NOTICES PUBLISHED:

Jan 22, 1994	Ft Wayne Journal Gazette
Jan 21, 1994	Indianapolis Star
Jan 24, 1994	Gary Post-Tribune

HEARINGS HELD:

Oct 6, 1993	Indianapolis
Mar 10, 1994	Indianapolis

Hearing comments Fully Considered by the Board Through: attendance at the hearing and/or written comments and/or transcripts.

IN ACCORDANCE WITH THE BOARD'S STATUTORY AUTHORITY AND IC 4-22-2, THE ABOVE RULE TEXT WAS ADOPTED ON MARCH 10, 1994, IN FORM THAT DIFFERS FROM THE PROPOSED RULE PUBLISHED IN THE INDIANA REGISTER, BY A 7 TO 0 VOTE OF THE BOARD AT A DULY HELD PUBLIC MEETING AT WHICH A QUORUM WAS PRESENT.

Attest:

  
 Kathy Prosser  
 Technical Secretary

Approved as to Legality:

  
 Pamela Carter  
 Attorney General of Indiana

Date: 3/23/94

Approved:

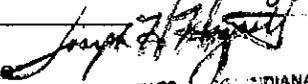
  
 Evan Bayh  
 Governor of Indiana

Date: 3-24-94

Accepted for Filing:

**FILED**

MAR 28 1994 5:00pm

  
 Joseph H. Hogsett  
 Secretary of State  
 SECRETARY STATE INDIANA

**ENCLOSURE 3**

**RULEMAKING DOCUMENTS WITHIN ENCLOSURE 3.**

**Re: Refined Metals site specific lead rule, 326 IAC 15-1-2**

Item 1. Fiscal Impact memo from IDEM to State Budget Agency per Governor's Executive Order 2-89.

Item 2. State Budget Agency approval of fiscal impact to state and local budgets.

Item 3. Public hearing notice.

Item 4. Proof of publication for 30 day notices in newspapers.

Item 5. Issue Brief submitted to Air Pollution Control Board at time of preliminary adoption.

Item 6. Notices published in the Indiana Register which track the development of the rule from first notice through the final published rule.

Enclosure 3, Item 1



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
*We make Indiana a cleaner, healthier place to live*

*Evan Bayh*  
Governor  
*Kathy Prosser*  
Commissioner

105 South Meridian Street  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
Telephone 317-232-8603  
Environmental Helpline 1-800-451-6027

November 1, 1993

M E M O R A N D U M

TO: Jean S. Blackwell  
Director  
State Budget Agency

FROM: *TJ* Timothy J. Method  
Assistant Commissioner  
Office of Air Management

SUBJECT: Analysis of Fiscal Impact on State and Local Governments  
(IDEM 93-3)

The Department of Environmental Management has prepared this analysis of the fiscal impact on State or local governments of proposed amendments to rule 326 IAC 15-1-2.

A copy of the proposed amendments along with an issue brief describing the rule and the amendments in more detail is attached. The Air Pollution Control Board preliminarily adopted the rule and the amendments on October 6, 1993. This proposed rulemaking action and fiscal impact analysis are being submitted in accordance with Executive Order 2-89 and State Budget Agency financial management circular #89-1.

No state or local governmental units will be affected by this new rule.

The Department has determined that the proposed rule will have the following impact on State or local government:

No fiscal impact  \_\_\_\_\_  
Insignificant fiscal impact \_\_\_\_\_  
Significant fiscal impact \_\_\_\_\_

Because this action will have no fiscal impact on State or local government, I am requesting an expedited review by your office. We would like to have this proposed rulemaking published in the December 1, 1993, Indiana Register and need to meet a November 10, 1993, submittal deadline. Your cooperation is appreciated.

Ms. Jean S. Blackwell  
Page 2

Digest of proposed rule

Amendments to 326 IAC 15-1-2 add new monitoring, recordkeeping, and reporting requirements; provisions for control of fugitives.

Effective date of proposed rule

March 1, 1994

Estimation of expenditures affected by proposed rule

None

Narrative discussion of fiscal impact

None

Estimated fiscal impact of proposed rule

None for State government

Current biennium (FY 1991-1993)

No impact

Next biennium (FY 1993-1995)

No impact

If you have any questions concerning this matter, please contact Phil Doyle in the Rules Development Section, Office of Air Management at 232-8420.

Attachments

cc: Jerry Higdon

Enclosure 3, Item 2



**STATE OF INDIANA**

**STATE BUDGET AGENCY**

212 State House  
Indianapolis, IN 46204-2796  
317/232-5610

EVAN BAYH  
Governor

Jean Blackwell  
Director

November 30, 1993

Mr. Timothy J. Method  
Assistant Commissioner  
Office of Air Management  
Indiana Department of Environmental Management  
105 South Meridian Street  
P.O. Box 6015  
Indianapolis, IN 46206-6015

RECEIVED

DEC 8 1993

State Of Indiana  
Department of Environmental Management  
Office Of Air Management

Dear Mr. Method:

Pursuant to the provisions of Executive Order 2-89 and Budget Agency Financial Management Circular 89-1, the State Budget Agency has reviewed the proposed rule amending 326 IAC 15-1-2 which you submitted to the State Budget Agency on November 2, 1993.

After reviewing the proposed rule, the recommendation of the State Budget Agency is:

- approved  
 disapproved  
 waiver of approval granted

The Budget Agency's calculation of the fiscal impact of the proposed rule is attached if it differs from that calculated by your agency.

If you have any questions concerning this action, please contact your budget analyst, Susan Kennell, Budget Agency Staff Attorney, or me.

Sincerely,

*Jean S. Blackwell*  
Jean S. Blackwell  
State Budget Director

JB/SK



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live*

*Evan Bayh*  
Governor  
*Kathy Prosser*  
Commissioner

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
Telephone 317-232-8603  
Environmental Helpline 1-800-451-6027

Legal Notice of  
Public Hearing  
State Implementation Plan (SIP) Submittals

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management, Air Pollution Control Board will hold a public hearing at its regularly scheduled meeting on Thursday, February 24, 1994 at 1:00 p.m. in the Conference Center, Room B, at the Indiana Government Center South, 402 West Washington Street, Indianapolis, Indiana 46204. This hearing is on revisions to Indiana's Lead SIP regarding Refined Metals, Indianapolis. In the event that the hearing cannot be held or concluded on February 24, 1994, it will be held on March 10, 1994.

This SIP revision consists of amendments to 326 IAC 15-1-2 that were preliminarily adopted on October 6, 1993 and appeared as proposed rules in the January 1, 1994, Indiana Register (Volume 17, Number 4, pages 857-862). These amendments add new provisions for control of fugitive emissions and new monitoring, recordkeeping, and reporting requirements for the Refined Metals secondary lead smelting facility in Marion County, Indiana.

The purpose of this hearing is to receive comment from the public prior to final adoption of this rule package by the Air Pollution Control Board and submission of the SIP revision to the U.S. EPA. All interested persons are invited and will be given reasonable opportunity to express their views concerning the preliminarily adopted amendments.

Copies of the referenced preliminarily adopted amendments/proposed SIP revision shall be available to any person upon request and are available for public inspection at the following locations:

Indiana Department of Environmental Management  
Office of Air Management  
Indiana Government Center North, 10th floor  
100 North Senate Avenue  
Indianapolis, Indiana 46204

Legislative Services Agency  
Indiana Government Center South  
Room E011  
Indianapolis, Indiana 46204

Indiana Department of Environmental Management  
Northwest Indiana Office  
Gainer Bank Building  
504 North Broadway, Suite 418  
Gary, Indiana 46402-1921.

Allen County Public Library  
900 Webster  
Fort Wayne, Indiana 46801

New Albany-Floyd County Public Library  
180 West Spring Street  
New Albany, Indiana 47150

Evansville-Vanderburgh County Public Library  
22 S.E. 5th Street  
Evansville, Indiana 47708

Oral statements will be heard, but for the accuracy of the record, all important statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive comments at the public hearing, or mailed to the Indiana Department of Environmental Management, Office of Air Management, P.O. Box 6015, Indianapolis, Indiana 46206-6015. Written comments should be clearly identified with the following heading: **"Title 326 Air Pollution Control Board, #93-201 "Comments on Refined Metals, Inc. rules."**

Written comments can be hand carried to the Office of Air Management, Indiana Government Center North, 10th floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. Please address to the attention of Mr. Timothy J. Method, Assistant Commissioner, Office of Air Management postmarked on or before February 24, 1994.

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Any person heard or represented at the hearing or requesting notice shall be given written notice of the action of the Board.

For additional information contact Ms. Kiran Virma of the Indiana Department of Environmental Management, Office of Air Management, 10th floor, Indiana Government Center-North, 100 North Senate Avenue, Indianapolis, Indiana 46204 or 317-233-5678.

---

Timothy J. Method  
Assistant Commissioner

Enclosure 3  
Item 4

**ENVIRONMENTAL MANAGEMENT BOARD**

To **80515**

County, Indiana

**INDIANAPOLIS NEWSPAPERS, INC.**  
307 N. PENNSYLVANIA ST. - P.O. BOX 144  
INDIANAPOLIS, IN 46206-0145

**MARION**

**PUBLISHER'S CLAIM**

**LINE COUNT**

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\_\_\_\_\_ lines \_\_\_\_\_ columns wide equals \_\_\_\_\_ equivalent

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lines at \_\_\_\_\_ cents per line

.217

Additional charge for notices containing rule and figure work (50 per cent of above amount)

Charge for extra proofs of publication (\$1.00 for each proof in excess of two)

**TOTAL AMOUNT OF CLAIM**

**DATA FOR COMPUTING COST**

Width of single column \_\_\_\_\_ ems

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Size of type \_\_\_\_\_ point

5.7

Number of insertions \_\_\_\_\_

1.0

Persuant to the provisions and penalties of Chapter 355, Acts of 1953.

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

*[Signature]*

Date **JANUARY 26 1994**

CLERK

80515

**PUBLISHER'S AFFIDAVIT**

State of Indiana, **MARION** County, SS:

Personally appeared before me, a notary public in and for said county and state, the

undersigned \_\_\_\_\_ who, being duly sworn, says that he is **ERIK ALLSTATT** of the

CLERK

**INDIANAPOLIS NEWSPAPERS, INC.**

the newspaper of General Circulation printed and published at \_\_\_\_\_ town of \_\_\_\_\_

**INDIANAPOLIS**

in said county aforesaid, and that the printed matter attached hereto is a true copy which was lawfully published in said paper for \_\_\_\_\_ time \_\_\_\_\_ the dates of publication being as follows:

**JANUARY 21, 1994**

*[Signature]*

Subscribed and sworn to before me this **26TH** day of **JANUARY** 19**94**

*[Signature]*  
Notary Public

My Commission Expires **BARBARA L. RUTHERFORD**  
NOTARY PUBLIC STATE OF INDIANA  
MARION COUNTY  
MY COMMISSION EXP. JULY 23, 1997

Before March 10, 1994.  
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TIMOTHY J. METHOD  
Assistant Commissioner  
(S-1-21)

Form 65-REV. 88

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**RATE PER LINE**

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PUBLISHED TWO TIMES .325  
PUBLISHED THREE TIMES .433  
PUBLISHED FOUR TIMES .541

**LEGAL NOTICE OF PUBLIC HEARING**  
State Implementation Plan (SIP) Submittals  
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New Albany-Floyd County Public Library, 180 West Spring Street, New Albany, Indiana 47150  
Evansville-Vanderburgh County Public Library, 22 S.E. 5th Street, Evansville, Indiana 47708  
Oral statements will be heard, but for the accuracy of the record, all important statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive comments at the public hearing, or mailed to the Indiana Department of Environmental Management, Office of Air Management, P.O. Box 46206-6015, Indianapolis, Indiana 46206-6015. Written comments should be clearly identified with the following heading: "Title 326 Air Pollution Control Board, #93-201 'Comments on Refined Metals, Inc.' rules."  
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Ind Dept of Environmental Mgmt  
(Governmental Unit)

To: The Journal-Gazette  
P.O. Box 100  
Fort Wayne, IN

ALLEN County, Indiana

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COMPUTATION OF CHARGES

97 lines, 1 columns wide equals 97 equivalent lines at .33 cents per line

\$ 32.01

Additional charge for notices containing rule or tabular work (50 percent of above amount)

Charge for extra proofs of publication (\$1.00 for each proof in excess of two)

TOTAL AMOUNT OF CLAIM

\$ 32.01

DATA FOR COMPUTING COST

Width of single column 12.5 ems

Number of insertions 1

Size of type 6 point

Pursuant to the provisions and penalties of Chapter 155, Acts 1953,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

*Cindy Gillenwater*  
Clerk

Date: Jan 22, 19 94

Title: Clerk

PUBLISHER'S AFFIDAVIT

State of Indiana )  
) ss:  
Allen County )

Personally appeared before me, a notary public in and for said county and state, the undersigned Cindy Gillenwater who, being duly sworn, says that he/she is Clerk of the The Journal-Gazette newspaper of general circulation printed and published in the English language in the (city) (town) of Fort Wayne, IN in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 1 time, the dates of publication being as follows:

1/22/94

Subscribed and sworn to before me this 22nd day of Jan, 19 94

*Mary L Adkison*  
Notary Public

My commission expires: MARY L ADKISON  
NOTARY PUBLIC STATE OF INDIANA  
ALLEN COUNTY  
MY COMMISSION EXP JUNE 14, 1997

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Evansville, Indiana 47708

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Timothy J. Method  
Assistant Commissioner  
1-22

#422

**LEGAL NOTICE OF PUBLIC HEARING**  
State Implementation Plan (SIP) Submittals

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management, Air Pollution Control Board will hold a public hearing at its regularly scheduled meeting on Thursday, February 24, 1994 at 1:00 p.m. in the Conference Center, Room B, at the Indiana Government Center South, 402 West Washington Street, Indianapolis, Indiana 46204. This hearing is on revisions to Indiana's Lead SIP regarding Refined Metals, Indianapolis, in the event that the hearing cannot be held or concluded on February 24, 1994, it will be held on March 10, 1994.

This SIP revision consists of amendments to 326 IAC 15-1-2 that were preliminarily adopted on October 6, 1993 and appeared as proposed rules in the January 1994 Indiana Register (Volume 17, Number 4, pages 857-862). These amendments add new provisions for control of fugitive emissions and new monitoring, record keeping, and reporting requirements for the Refined Metals and secondary lead smelting facility in Marion County, Indiana.

The purpose of this hearing is to receive comment from the public prior to final adoption of this rule package by the Air Pollution Control Board and submission of the SIP revision to the U.S. EPA. All interested persons are invited and will be given reasonable opportunity to express their views concerning the preliminary adopted amendments.

Copies of the referenced preliminary adopted amendments-proposed SIP revision shall be available to any person upon request and are available to any person upon request and are available for public inspection at the following locations:

- Indiana Department of Environmental Management  
Office of Air Management  
Indiana Government Center  
North, 10th Floor  
100 North Senate Avenue  
Indianapolis, Indiana 46204  
Legislative Services Agency  
Indiana Government Center  
South  
Room E011  
Indianapolis, Indiana 46204
- Indiana Department of Environmental Management  
Northwest Indiana Office  
Gainer Bank Building  
504 North Broadway, Suite 418  
Gary, Indiana 46402-1921
- Allen County Public Library  
900 Webster  
Fort Wayne, Indiana 46801
- New Albany-Floyd County Public Library  
180 West Spring Street  
New Albany, Indiana 47150
- Evansville-Vanderburgh County Public Library  
22 S.E. 5th Street  
Evansville, Indiana 47708

Oral statements will be heard, but for the accuracy of the record, all important statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive comments at the public hearing, or mailed to the Indiana Department of Environmental Management, Office of Air Management, P.O. Box 6015, Indianapolis, Indiana 46206-6015. Written comments should be clearly identified with the following heading: "Title 326 Air Pollution Control Board, #93-201 - Comments on Refined Metals, Inc. rules."

Written comments can be hand carried to the Office of Air Management, Indiana Government Center North, 10th Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. Please address to the attention of Mr. Timothy J. Mehdor, Assistant Commissioner, Office of Air Management postmarked on or before February 24, 1994.

In the event the public hearing is not conducted or completed until March 10, 1994, written comments will be accepted if postmarked on or before March 10, 1994.

A transcript of the hearing and all written submissions to the Board at the public hearing shall be open to public inspection, at the offices named above and copies may be made available to any person upon payment of reproduction costs.

Any person heard or represented at the hearing or requesting notice shall be given written notice of the action of the Board.

For additional information contact Ms. Kiran Virma of the Indiana Department of Environmental Management, Office of Air Management, 10th Floor, Indiana Government Center-North, 100 North Senate Avenue, Indianapolis, Indiana 46204 or 317-233-5678, Timothy J. Mehdor, Assistant Commissioner

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General Form No. 99 P Rev

Form Prescribed by State Board of Accounts

JAN 31 1994

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
(Government Unit)

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County, Indiana

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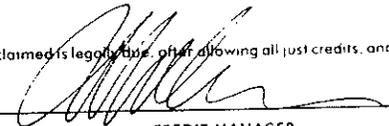
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Lake County |

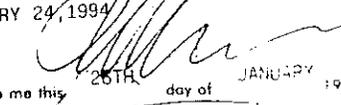
Personally appeared before me a notary public in and for said county and is undersigned R. A. MILLER

being duly sworn, says that he is CREDIT MANAGER  
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aforsaid, and that the printed matter attached hereto is a true copy which was duly in said paper for 1 time the date of publication being a JANUARY 24, 1994

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SEPTEMBER 3, 1994

My commission expires

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Consideration of Adoption  
of Amendments to  
326 IAC 15-1-2  
Source specific provisions  
(Lead Rules - Refined Metals)

Issue

Amendments to 326 IAC 15-1-2 add new provisions for control of fugitive emissions and new monitoring, recordkeeping, and reporting requirements for the Refined Metals secondary lead smelting facility in Marion County, Indiana.

Background

On February 4, 1992, the Indiana Department of Environmental Management (IDEM) submitted a rule, 326 IAC 15-1-2, and supporting documentation regarding Refined Metals in Marion County to the U.S. Environmental Protection Agency (U.S. EPA) as a revision to Indiana's state implementation plan (SIP). That rule was prepared in response to a violation of the national ambient air quality standard (NAAQS) for lead. Since the final adoption of that rule by the Air Pollution Control Board two subsequent violations of the NAAQS for lead have occurred at monitoring sites in the vicinity of the Refined Metals plant. The first of those violations occurred during the fourth quarter of 1991 and the second during the first quarter of 1993. IDEM believes that the causes of those violations have been identified and is addressing those causes in this emergency rule.

On July 12, 1993, at FR 58 37450, the U.S. EPA proposed disapproval of Indiana's state implementation plan (SIP) submission for the Marion County lead nonattainment area. Indiana is required by the Clean Air Act Amendments of 1990 to have submitted an acceptable SIP revision for the Marion County lead nonattainment area by July 6, 1993. Upon publishing a final disapproval, the U.S. EPA will be required to take action against the state of Indiana. However, the U.S. EPA has agreed to refrain temporarily from starting the sanctions process if Indiana will withdraw the current SIP submission, submit an acceptable emergency rule and then submit a complete, final, and acceptable Marion County lead rule and supporting documents within six months after the emergency rule becomes effective. The emergency lead rule was adopted by the Indiana Air Pollution Control Board on September 2, 1993 and becomes effective on October 1, 1993. The pending SIP submission was withdrawn on September 23, 1993, and the new SIP submission is scheduled to be sent to the U.S. EPA on March 1, 1994.

Rule Analysis

A requirement that no visible emissions are allowed from the screw conveyor system, plus the incorporation of the federal test method to determine visible emissions results in an enforceable compliance methodology. The screw conveyor system is suspected to have caused the fourth quarter, 1991, violation of the NAAQS.

Refined Metals is currently using a negative pressure inside the enclosure housing the blast/dust furnaces, and localized hooding near the casting machine and refining kettles to ensure that process fugitive emissions do not escape the building confines without passing through a control device. This rule requires that the materials storage building also be kept under negative pressure. In addition it requires the installation of a continuous monitoring system to measure and record the pressure differential between the interior and exterior of the materials storage building. Fugitive emissions from the materials storage building are suspected of causing the first quarter, 1993, violation of the NAAQS.

The addition of operational, recordkeeping, and reporting requirements for the continuous opacity monitoring systems is being incorporated into the rules at this time to satisfy federal enforceability requirements.

These amendments to the rule do not change overall allowable emissions when compared to the existing rule. However, actual emissions should be lower under this rule because fugitive emissions will be reduced.

Air modeling, including modeling of fugitives from roadways and parking areas is currently being done and is expected to demonstrate that the National Ambient Air Quality Standard for lead will be protected by the proposed emergency rule. Additionally, the requirement to monitor negative pressure continuously provides the best available means of assuring continuous compliance with the negative pressure requirement of the proposed rule.

#### Consistency with Federal Requirements

The amendments to 326 IAC 15-1-2 are consistent with Federal requirements for State Implementation Plan submissions and the requirements for lead nonattainment areas set forth in the Clean Air Act Amendments of 1990.

#### Consideration of Factors Outlined in Indiana Code 13-7-7-2(b)

Indiana Code 13-7-7-2(b) requires that in adopting rules and establishing standards, the Board shall take into account the factors considered below:

IDEM believes that the proposed amendments to 326 IAC 15, which require improved air pollution control strategies and additional monitoring requirements, will improve existing conditions around Refined Metals and the air quality in general.

The past, present, and probable future uses of the facilities around Refined Metals will not be adversely affected and should be improved by the proposed amendments to 326 IAC 15.

The proposed amendments to 326 IAC 15 will reduce health risks by requiring better control of fugitive emissions and providing a means of continuously assuring compliance. Method 22 has also been added to

enhance enforceability of potential violations resulting from screw conveyor leaks.

The proposed amendments are technically feasible because many sources in Indiana are using negative pressure within a building as an effective air pollution control methodology.

The proposed amendments are economically reasonable because most of the pollution control equipment and other requirements of this rule have been implemented at the Refined Metals plant.

The proposed amendments will neither alter nor conflict with zoning classifications and will not affect the rights of all persons to a sufficiently uncontaminated environment as not to be injurious to human, animal, or aquatic life, or to the reasonable enjoyment of life and property.

#### Recommendation

It is recommended that the Board preliminarily adopt the amendments to 326 IAC 15-1 as presented.

Program Staff Contact: Philip A. Doyle (317/232-8420)

Office of Legal Counsel Contact: Joyce Martin (317/232-8493)

Enclosure 3, Item 6

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## Other Notices

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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
NOTICE OF PUBLIC MEETING  
INDIANA POLLUTION PREVENTION BOARD

Notice is hereby given that a public meeting will be conducted at 1:00 p.m. (legal time) at the following location on the date indicated:

June 25, 1993  
First Floor Hearings Room  
Chesapeake Building, 105 South Meridian Street  
Indianapolis, Indiana

The Pollution Prevention Board was established by the Industrial Pollution Prevention and Safe Materials Act, 1990, (IC 13-9-3-2). The Board is specifically charged with selecting a university or not-for-profit corporation to establish a Pollution Prevention and Safe Materials Institute; appointing a director for the Institute; assessing the progress of and overseeing the Institute; consulting with the Indiana Department of Environmental Management concerning implementation of the Industrial Pollution Prevention and Safe Materials Act; and providing a forum for discussion and deliberation on matters relating to the implementation of the Act.

A solicitation for proposals for the Pollution Prevention and Safe Materials Institute was issued by the Indiana Department of Administration on January 7, 1993.

The Board considered recommendations from an appointed subcommittee for the selection of a university or not-for-profit corporation to establish and implement the Institute at its March 26, 1993, meeting and narrowed the number of applicants down to two. The finalists are Purdue University and the Environmental Management Institute, Inc.

Each of these organizations will have the opportunity to give a thirty minute presentation and to answer directed questions from the Board for a fifteen minute period in this meeting. After due consideration of all the facts presented in the proposals and in their individual presentations, the Board is expected to make a final selection of the successful proposer to establish and operate the Pollution Prevention and Safe Materials Institute.

This notice is required by statute, Indiana Code 13-9-3-7(c)(2).

For additional information, contact Charles Sullivan of the Office of Pollution Prevention and Technical Assistance at 317/232-8172.

Leland E. Boren, Chairman  
Pollution Prevention Board

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**TITLE 326 AIR POLLUTION CONTROL BOARD**  
**FIRST NOTICE OF COMMENT PERIOD #93-3**  
**DEVELOPMENT OF RULES CHANGES EFFECTING REFINED METALS**  
**REQUEST FOR PUBLIC COMMENT**

### PURPOSE OF NOTICE

The Indiana Department of Environmental Management (IDEM) is soliciting public comment on the following issues related to Refined Metals, a secondary lead smelting operation located in southeastern Marion County (326 IAC 15-1-2).

- (1) Provisions for ensuring that the blast furnace area, refining kettle area, and storage building are kept under continuous negative pressure.
- (2) Provisions regarding work practices designed to minimize the possibility of emitting lead dust into the air.

**AUTHORITY**

The authority under which the proposed rule changes are to be adopted:

IC 4-22-2

IC 13-1-1-4

IC 13-7-7-1

IC 13-7-7.1

**SUBJECT MATTER AND BASIC PURPOSE**

On January 6, 1992, a part of Franklin Township in Marion County surrounding the Refined Metals secondary lead smelting operation was officially designated as a lead nonattainment area by the U.S. EPA as a result of recorded violations of the National Ambient Air Quality Standard (NAAQS) for lead. The Clean Air Act Amendments of 1990 require that the State of Indiana submit a State Implementation Plan (SIP) to the U.S. EPA by July 6, 1993. The SIP must provide for the attainment of the lead standard as expeditiously as practicable but no later than 5 years from the date of the nonattainment designation. Provisions requiring that the storage building be kept under continuous negative pressure and provisions regarding work practices, when combined with the existing rule and a developing fugitive lead dust control plan, should provide for attainment of the lead standard by January 6, 1997.

**STATUTORY AND REGULATORY REQUIREMENTS**

Existing statute, IC 13-7-7-2(b) requires the Board to consider the following factors:

- (1) All existing physical conditions and the character of the area affected.
- (2) Past, present, and probable future uses of the area, including the character of the uses of surrounding areas.
- (3) Zoning classifications.
- (4) The nature of the existing air quality or existing water quality, as the case may be.
- (5) Technical feasibility, including the quality conditions that could reasonably be achieved through coordinated control of all factors affecting the quality.
- (6) Economic reasonableness of measuring or reducing any particular type of pollution.
- (7) The right of all persons to an environment sufficiently uncontaminated as not to be injurious to human, plant, animal or aquatic life or to the reasonable enjoyment of life and property should be enhanced through the adoption of these amendments.

**PUBLIC COMMENTS**

At this time, the department solicits:

- (1) the submission of alternate ways to achieve revisions to IDEM existing rules; and
- (2) the submission of comments on the proposed rule changes, including suggestions of specific language for the proposed rules.

Mailed comments should be sent to the attention of: Timothy J. Method, Assistant Commissioner, Office of Air Management, 105 South Meridian Street, P.O. Box 6015, Indianapolis, IN 46206-6015. Hand delivered comments will be accepted by the IDEM employee on duty at the fourth floor reception desk, Office of Air Management, 1 Jackson Square, Indianapolis, IN 46225.

Comment period deadline is July 1, 1993.

Additional information regarding these revisions can be obtained from: Larry Fedor, Air Toxics Section Chief, Office of Air Management, (317) 232-8223.

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**TITLE 326 AIR POLLUTION CONTROL BOARD****FIRST NOTICE OF COMMENT PERIOD #93-4****DEVELOPMENT OF RULES CHANGES EFFECTING VOLATILE ORGANIC COMPOUND RULES****REQUEST FOR PUBLIC COMMENT****PURPOSE OF NOTICE**

The Indiana Department of Environmental Management (IDEM) is soliciting public comment on revisions to the state implementation plan (SIP) involving Reasonably Available Control Technology (RACT) for volatile organic compounds (VOC).

## IC 13-7-7.1 Notices

1994. The report shall include the following information regarding the permits required by this rule:

- (1) The number of sources subject to the requirements of this rule.
- (2) The number of permit applications received by the department.
- (3) The number and timeliness of final permit actions taken the previous year.
- (4) The adequacy of the fees collected by the department to fund the Part 70 permit program.

(Air Pollution Control Board; 326 IAC 2-7-19)

### NOTICE OF FIRST MEETING/HEARING

Under IC 4-22-2, IC 13-7-7.4, and IC 7-7.1, notice is hereby given that the Air Pollution Control Board will hold a public hearing at its regularly scheduled meeting on October 6, 1993, at 1:00 p.m., in the Conference Center, Indiana Government Center-South, 302 West Washington Street, Indianapolis, Indiana 46204. This hearing is on proposed amendments to 326 IAC 2-1, 326 IAC 2-2, and new 326 IAC 2-7. Comments on additional changes to existing rules within Title 326 will also be heard.

The purpose of this hearing is to receive comments from the public prior to the preliminary adoption of this rule by the Board. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposed amendments. Oral statements will be heard, but for the accuracy of the record, all important statements should be submitted in writing. Mailed statements should be sent to the attention of Mr. Timothy J. Method, Assistant Commissioner, Office of Air Management, Department of Environmental Management, 105 South Meridian Street, P.O. Box 6015, Indianapolis, Indiana 46206-6015. All comments must be postmarked by October 13, 1993.

### TITLE 326 AIR POLLUTION CONTROL BOARD

#### SECOND NOTICE OF COMMENT PERIOD

#93-3

#### DEVELOPMENT OF RULES CHANGES AFFECTING REFINED METALS

##### PURPOSE OF NOTICE

The Indiana Department of Environmental Management (IDEM) is soliciting public comment on the following issues related to 326 IAC 15-1-2, Refined Metals, a secondary lead smelting operation located in southeastern Marion County.

- (1) Provisions for ensuring that the blast furnace area, refining kettle area, and storage building are kept under continuous negative pressure.
- (2) Provisions regarding work practices designed to minimize the possibility of emitting lead dust into the air.

The Clean Air Act Amendments of 1990 require that the State of Indiana submit a State Implementation Plan (SIP) to the U.S. EPA by July 6, 1993. The SIP must provide for the attainment of the lead standard as expeditiously as practicable but no later than five (5) years from the date of the nonattainment designation.

This notice complies with SEA 302 (P.L. 34-1993), IC 13-7-7.1-4 and contains:

- (1) The full text of the proposed rule;
- (2) A summary of the response of the department to written comments submitted during the first public comment period; and
- (3) Notice of the first meeting/hearing of the Air Pollution Control Board at which testimony on the proposed rule will be taken and the Board will consider the proposed rule.

This notice also requests the submission of comments, including suggestions of specific amendment language contained in the proposed rule. All comments and suggested amendment language should reference the proposed rule rather than offer unrelated language or unresponsive comments.

CITATIONS AFFECTED: 326 IAC 15-1-2.

### PUBLIC COMMENTS

At this time, the department solicits:

- (1) the submission of alternate ways to achieve the purpose described above; and
- (2) the submission of comments on the proposed rulemaking, including suggestions of specific language for the proposed rules.

Mailed comments should be sent to the attention of Mr. Timothy J. Method, Assistant Commissioner, Office of Air Management, 105 South Meridian Street, P.O. Box 6015, Indianapolis, Indiana 46206-6015. Hand delivered comments will be accepted by the IDEM employee on duty at the fourth floor reception desk, Office of Air Management, One Jackson Square, 223 South McCrea Street, Indianapolis, Indiana 46225. Comment period deadline is postmarked or hand delivered by August 31, 1993.

Additional information regarding this action can be obtained from Philip Doyle, Office of Air Management, (317) 232-8420.

### SUMMARY/RESPONSE TO COMMENTS FROM THE FIRST COMMENT PERIOD

The Indiana Department of Environmental Management requested public comment from June 1, 1993 through June 30, 1993, on the development of lead site specific provisions for the Refined Metals secondary lead smelting operation in Marion County, Indiana.

Mr. Ray Funk, an Indianapolis west side resident was the only commentor.

### SUMMARY OF COMMENTS AND RESPONSES

*Comment:* The Indiana Air Pollution Control Board should implement provisions to insure that the blast furnace area and the storage building are kept under continuous negative pressure.

*Response:* The draft amendments to 326 IAC 15-1-2, the site specific provisions of the lead rule have been crafted to specifically require that the buildings housing the lead storage area, the furnace area, the refinery kettle area and the operation are maintained under negative pressure.

*Comment:* Provisions regarding work practices should be designed to eliminate the possibility of lead dust being emitted into the air.

*Response:* The fugitive lead dust plan as well as provisions in the draft rule will ensure that lead dust does not escape the confines of the buildings except as vented through a control device.

*Comment:* Sulfur dioxide emitted as a component of the flue gas from secondary lead smelters can be a health threat to people with allergies and respiratory illness.

*Response:* This rulemaking does not address sulfur dioxide emissions from the Refined Metals facility. However, IDEM is sensitive to the concerns of Mr. Funk with regard to sulfur dioxide emissions from any source.

PROPOSED RULE

SECTION 1. 326 IAC 15-1-2, PROPOSED TO BE AMENDED AT 16 IR 2222, SECTION 1, IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-1-4  
Affected: IC 13-1-1; IC 13-7-7

Sec. 2. (a) The sources listed below shall comply with the following emission and operating provisions:

Source	Facility Description	Emission Limitation	
		lbs./hr.	
(1) Refined Metals of Indianapolis	M-1 baghouse stack <sup>1</sup>	0.91	
	M-2 baghouse stack <sup>1</sup>	0.15	
	M-3 baghouse stack <sup>1</sup>	0.15	
	M-4 baghouse stack <sup>1</sup>	0.30	

<sup>1</sup>Compliance shall be achieved on or before April 30, 1992.

(A) On or before June 1, 1987, Refined Metals of Indianapolis shall install and operate hooding systems for the blast furnace skip hoist and charging area, the blast furnace slag and lead tapping area, the casting area, the refining kettles, and the lead dust furnace charging area.

(B) The hooding systems required for the operations listed in clause (A) shall vent the emissions through a control device to one (1) of the four (4) stacks, M-1 through M-4.

(C) On or before June 1, 1987, Refined Metals of Indianapolis shall also install and operate enclosed screw conveyors to transport lead flue dusts to the lead dust furnace. The enclosed screw conveyors shall not leak lead bearing flue dust.

(D) On or before April 1, 1992, Refined Metals of Indianapolis shall totally enclose the building housing the blast furnace and the dust furnace. Total enclosure shall be demonstrated as follows:

- (i) Access doors and windows in the total enclosure shall be closed during routine operations.
- (ii) The interior of the total enclosure must operate at a lower pressure than its surroundings so that air flows into the enclosure at all natural draft openings.
- (iii) The average air velocity through the natural draft openings shall be at least five hundred (500) feet per minute.
- (iv) Sources of emissions shall be located at least four (4) times the opening area divided by the perimeter from each natural draft opening.
- (v) The total area of all natural draft openings shall be less than five percent (5%) of the surface area of the total enclosure's four (4) walls, floor, and ceiling.

The buildings housing the blast furnace, dust furnace, refining kettles, casting operation, and lead storage shall be kept under continuous negative pressure by constant flow rate fans ducted to control devices. Fugitive emissions shall not escape these buildings except as vented through control devices.

(E) The company shall install and operate a monitoring device which will continuously measure and record either pressure differential or flow to ensure that the buildings are maintained under negative pressure while the plant is in operation. The methodology and equipment required to perform this continuous monitoring must be approved by Indiana department of environmental management (IDEM), U.S. EPA, and IAPCS.

(F) The blast furnace and the dust furnace fugitive emissions shall be drawn from the enclosure by a constant flow rate fan to

a control device. The control device shall vent to the atmosphere through the M-4 baghouse stack which shall be at least eighty (80) feet in height from ground level.

(G) Visible emissions from the M-1, M-2, M-3, and M-4 baghouse stacks and from building openings shall not exceed a six (6) minute average of three percent (3%) opacity for each stack and opening as determined in accordance with 40 CFR 60, Appendix A, Method 9.

(H) Refined Metals of Indianapolis shall install and operate continuous opacity monitors (COM) in the M-1 and the M-4 baghouse stacks. COM data shall be used to determine compliance with the three percent (3%) opacity limits required by clause (G). The COMs shall meet the performance and installation requirements of 40 CFR 60, Appendix B, Performance Specification 1. The COMs shall be operated in accordance with the procedures specified in 326 IAC 3-1-1, requirements of 40 CFR 51, Appendix M, Method 203.

(i) A written standard operating procedure (SOP) for COMs shall be submitted to IDEM for approval. The department shall complete the review of the COMs SOP within sixty (60) days of submittal. The COMs SOP shall contain, at minimum, the following:

- (AA) Calibration procedures.
- (BB) Operation procedures.
- (CC) Preventive maintenance procedures.
- (DD) Quality control and quality assurance procedures.
- (EE) Record keeping and reporting procedures.

(ii) IDEM shall be notified fourteen (14) days in advance of each quarterly performance audit required by 40 CFR 51, Appendix M, Method 203. Results of quarterly performance audits shall be submitted to IDEM within forty-five (45) days after the audit is conducted.

(iii) COMs excess emission reports shall be submitted to IDEM within thirty (30) days following the end of each calendar quarter. These reports shall contain, at minimum, the following:

- (AA) The operating time of the monitored facilities.
- (BB) The date and time each COMs recorded opacity measurements above the three percent (3%) opacity limit.
- (CC) The date and time each COMs was inoperative or malfunctioning.
- (DD) A description of the nature and cause of any excess emissions.

(I) Refined Metals of Indianapolis shall achieve compliance with clauses (D) through (H) by April 30, 1992, March 1, 1994. In the event that the plant is idle on March 1, 1994, compliance with clauses (D) through (H) shall be achieved by the date the plant resumes production. Refined Metals shall notify IDEM thirty (30) days before production resumes to enable IDEM to make a compliance determination.

(J) Refined Metals of Indianapolis shall perform a stack test on the M-1, M-2, M-3, and M-4 baghouse stacks and demonstrate compliance with this subdivision by June 30, 1992. Stack tests shall be conducted while the plant is operating at ninety-five percent (95%) to one hundred percent (100%) of full capacity. 40 CFR 60, Appendix A, Reference Methods 1 through 5 shall be used to demonstrate compliance.

(K) Any violation of the NAAQS shall result in an investiga-

## IC 13-7-7.1 Notices

tion to determine the cause of the violation. Such an investigation shall be completed within ninety (90) days after the date the violation is confirmed. Corrective action shall be completed within one hundred eighty (180) days after the cause of the violation is determined or upon resumption of production should Refined Metals decide to halt production after a confirmed violation of the NAAQS occurs.

(2) Chrysler Corporation Foundry, Indianapolis	Cupola stack	0.550
	Cupola fugitive	1.894
(3) Delco Remy Division of General Motors Corporation, Muncie	Lead oxide mfg. stack (each of 5)	0.068
	Oxide grinder stack (each of 2)	0.123
	*Central tunnel system stack (each of 4)	0.254
	Reverberatory furnace stack	0.225
	O.S.I. drying oven stack (each of 4)	0.0015
	Electric melting pot stack	0.159

\*On or before June 1, 1987, Delco Remy shall install ductwork to vent emissions from the vacuum cleaning lines through the control devices and stacks serving the Central Tunnel System.

(4) Indiana Oxide Corporation, Brazil	Barton #1 reactor	0.215
	Barton #2 reactor	0.215
	Barton #3 reactor	0.215
	Barton #4 reactor	0.215
	Rake furnace	0.006
	Kiln #2	0.002
	*Franklin reactor	0.603

\*Shall not operate more than 670 hours per quarter.

(5) U.S.S. Lead Refinery, East Chicago	*Blast furnace stack	0.002
	*Blast furnace fugitive	
	Charging	2.922
	Lead tapping	0.002
	Slag tapping	0.005
	*Refining kettles fugitive	0.0001
	*Casting fugitive	0.393
	*Reverberatory furnace fugitive	0.345

\*Shall not operate more than 334 hours per quarter.

(6) Hammond Lead Products, Inc., HLP-Lead Plant	Stack 4A-S-8	0.053
	Stack 14-S-16	0.053
	Stack 1-S-2	0.053
	Stack 1-S-26	0.053
	Stack 16-S-56	0.200
	Stack 1-S-52	0.070
	Stack 1-S-27	0.020
	Stack 4-S-35	0.090
	Stack 6-S-33	0.070
	Stack 4B-S-34	0.080
	Stack 6-S-47	0.021
	Stack V-1	0.090
	Stack V-11	0.006

(A) The ventilator control system (Stack V-1) shall consist of a fan with a constant flow rate that draws air from the building through a HEPA filter which vents to the atmosphere through a stack. The HEPA filters shall be maintained and operated in order to achieve maximum control efficiency. In addition to the requirements contained in subsection (c), Hammond Lead Products, Inc. shall submit an operation and maintenance plan by

July 31, 1990, which incorporates good housekeeping practices for the ventilator control systems. This operation and maintenance plan shall be incorporated into the operating permits for Hammond Lead Products, Inc. and submitted to U.S. EPA as a revision to Indiana's lead state implementation plan by December 31, 1990. The ventilator control systems shall be designed such that process fugitive emissions will not routinely escape the buildings except as vented through the ventilator control systems. The compliance test method specified in section 4(a) of this rule shall be used to determine compliance with the emission limitations for the ventilator control system stacks.

(B) By December 31, 1989, the stack heights for all processes except Stack 16-S-56, Stack 1-S-52, and the ventilator control systems shall be no less than sixty (60) feet above grade; the stack heights for Stack 16-S-56 and Stack 1-S-52 shall be no less than eighty-two (82) feet above grade; and the stack height for Vent 11 shall be no less than thirty-five (35) feet above grade. By July 31, 1990, the stack heights for the other ventilator control systems shall be no less than sixty (60) feet above grade.

(C) Hammond Lead Products, Inc. shall install HEPA filters according to the following schedule:

Stack 4A-S-8	March 31, 1992
Stack 14-S-16	June 30, 1992
Stack 1-S-2	December 31, 1991
Stack 1-S-26	September 30, 1992
*Stack 16-S-56:	
130 bag filter	November 20, 1989
100 bag filter	December 6, 1989
80 bag filter	June 1, 1989
72 bag filter	December 31, 1991
Stack 1-S-52	December 31, 1989
Stack 1-S-27	August 15, 1987
Stack 4-S-35	October 16, 1989
Stack 6-S-33	July 22, 1988
Stack 4B-S-34	October 5, 1989
Stack 6-S-47	May 26, 1988

\*Four (4) bag filters are vented through common Stack 16-S-56.

(D) Hammond Lead Products, Inc. shall provide written notification to the commissioner within three (3) days after the installation of HEPA filters is completed at each of the sites listed in clause (A).

(E) All emissions limitations in this subdivision shall be met by December 31, 1992.

(F) This subdivision shall be submitted to the U.S. EPA as a revision to the Indiana state implementation plan.

(7) Hammond Lead Products, Inc.	<sup>1</sup> Stack S-1	1.000
	Stacks S-4, S-5 (each)	0.100
Halstab Division	Stacks S-6, S-7, S-8 (each)	0.120
	<sup>2</sup> Stacks S-9, S-10, S-11 (each)	0.120
	<sup>3</sup> Stacks S-12, S-13 (each)	0.120
	<sup>4</sup> Stacks S-14, S-16 (each)	0.120
	<sup>5</sup> Stack S-15	0.120
	Stack S-17	0.100

<sup>1</sup>Shall not operate more than 166,5000 hours per quarter

<sup>2</sup>Shall not operate more than 625 hours per quarter per stack

<sup>3</sup>Shall not operate more than 250 hours per quarter per stack

<sup>4</sup>Shall not operate more than 1,000 hours per quarter per stack

<sup>5</sup>Shall not operate more than 1,500 hours per quarter

(8) Quemetco, Inc.,	Stack 100	1.000
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Indianapolis	Stack 101	0.015
	Stack 102	0.015
	Stack 103	0.015
	Stack 104	0.015
	Stack 105	0.015
	Stack 106	0.015
	Stack 107	0.015
	Stack 108	0.015
	Stack 109	0.008
	Stack 110	0.008

(A) Fugitive emissions from reverberatory furnace, electric arc furnace, casting, and refinery kettles shall be controlled as follows:

(i) The interior of the building must operate at a lower pressure than its surroundings so that air flows into the building at all openings.

(ii) The company shall install and operate a monitoring system or device which will measure either pressure differential or flow to ensure that the building operates under negative pressure. The methodology and equipment must be approved by the Indiana department of environmental management, the U.S. EPA, and the Indianapolis air pollution control division.

(B) The fugitive emissions shall be drawn from the enclosure to control devices by negative air pressure from use of constant flow rate fans. Fugitive emissions will not routinely escape the building except as vented through control devices and then to the atmosphere through the main process stack that is at least one hundred sixty-five (165) feet above ground level or through HEPA filters venting the building roof. Visible emissions from all building openings and HEPA filter exhausts shall not exceed an average of three percent (3%) opacity as determined in accordance with 40 CFR 60, Appendix A, Method 9. Quemetco, Inc. shall operate a continuous opacity monitor in the main process stack (Stack 100). Continuous opacity monitor data shall be used to determine compliance. The opacity limit for the main process stack shall be ten percent (10%). The continuous opacity monitor shall be operated in accordance with the procedures specified in 326 IAC 3-1.1.

(C) Quemetco, Inc. shall achieve compliance with clauses (A) and (B) according to the following schedule:

(i) Complete on-site construction, including the installation of continuous opacity monitor on main process stack by January 1, 1994.

(ii) Perform stack test on main process stack and demonstrate compliance with this subdivision by March 1, 1994.

(D) Quemetco, Inc. shall submit a written statement providing evidence to the commissioner within thirty (30) days of each applicable date specified in clause (C) that the requirements of this subdivision have been met.

(b) In addition to the sources listed in subsection (a), the following sources shall comply with subsection (c) and section 3 of this rule:

- (1) Exide Corporation, Logansport.
- (2) C & D Batteries, Attica.
- (3) Exide Corporation, Frankfort.

(c) Operation and maintenance programs shall be designed to prevent deterioration of control equipment performance. For sources listed in subsection (a)(1) through (a)(7), these programs shall be submitted to the department of environmental management, office of

air management, on or before June 1, 1987. For sources listed in subsections (a)(8) through (b), these programs shall be submitted to the office of air management on or before February 1, 1988. These programs will be incorporated into the individual source operation permits. (Air Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832)

**NOTICE OF FIRST MEETING/HEARING**

Under IC 4-22-2, IC 13-7-7-4, and IC 7-7.1, notice is hereby given that the Air Pollution Control Board will hold a public hearing at its regularly scheduled meeting on October 6, 1993, at 1:00 p.m., in the Conference Center, Indiana Government Center-South, 302 West Washington Street, Indianapolis, Indiana 46204. This hearing is on proposed amendments to 326 IAC 15-1-2, Refined Metals, a lead smelting facility in Marion County.

The purpose of this hearing is to receive comments from the public prior to the preliminary adoption of this rule by the Board. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposed amendments. Oral statements will be heard, but for the accuracy of the record, all important statements should be submitted in writing. Mailed statements should be sent to the attention of Mr. Timothy J. Method, Assistant Commissioner, Office of Air Management, Department of Environmental Management, 105 South Meridian Street, P.O. Box 6015, Indianapolis, Indiana 46206-6015. All comments must be postmarked by October 13, 1993.

**TITLE 327 WATER POLLUTION CONTROL BOARD**

**FIRST NOTICE OF COMMENT PERIOD  
#93-2**

**DEVELOPMENT OF RULES FOR SECONDARY CONTAINMENT OF HAZARDOUS MATERIALS**

**PURPOSE OF NOTICE**

The Indiana Department of Environmental Management (IDEM) is soliciting public comment on the addition of secondary containment of hazardous waste under 327 IAC 2-10.

**CITATIONS AFFECTED:** 327 IAC 2-10.

**AUTHORITY:** IC 13-1-3-4; IC 13-1-3-19.

**SUBJECT MATTER AND BASIC PURPOSE**

Spills and releases of oil and other objectionable materials have been reportable for many years under existing water pollution control programs. Some states, located primarily in midwestern and plains states, have either promulgated rules or are actively pursuing rules to regulate the containment of hazardous materials, pesticides, and fertilizers stored above ground. The enactment of SARA, Title III and the subsequent establishment of Local Emergency Planning Committees (LEPC), has brought about increased awareness of the potential of pollution by sudden releases of hazardous materials. While Title III does not require secondary containment for hazardous

1994 at 1:30 p.m., at the Indiana Government Center... 402 West Washington Street, Second Floor West Conference Room, Indianapolis, Indiana the Department of Natural Resources will hold a public hearing on proposed amendments of 310 IAC 12 concerning surface coal mining and reclamation to address concerns raised by the federal Office of Surface Mining in the context of regulatory reform. Copies of these rules are now on file at the Indiana Government Center... 402 West Washington Street, Room W272 and Legislative Services Agency, 106 State House, Indianapolis, Indiana and are open for public inspection.

Michael Kiley  
Chairman  
Natural Resources Commission

TITLE 326 AIR POLLUTION CONTROL BOARD

Proposed Rule  
LSA Document #93-201

DIGEST

Amends 326 IAC 15-1-2 to establish requirements to maintain the materials storage building and the blast/dust furnace area under constant negative pressure and to continuously monitor negative pressure. Additionally, specific criteria are set for the control of both fugitive and stack emissions. Effective 30 days after filing with the secretary of state.

SUMMARY/RESPONSE TO COMMENTS FROM THE SECOND COMMENT PERIOD

The Indiana Department of Environmental Management requested public comment from August 1, 1993, through August 30, 1993, on the development of site specific provisions for the Refined Metals secondary lead smelting facility located in southeastern Marion County. Comments were received from Refined Metals and from the U.S. EPA.

SUMMARY OF COMMENTS AND RESPONSES

1. Refined Metals comments and IDEM responses

Comment: Re: 326 IAC 15-1-2(a)(1)(D) - The negative pressure requirement for the blast furnace, dust furnace, refining kettles, lead storage area, and casting machine is not what was discussed with IDEM and not attainable with existing equipment. The casting, refining and warehouse areas are not sources of significant emissions. The blast furnace enclosure should be kept under a negative pressure (as specified in the original rule). The material storage building can be kept under negative pressure by utilizing the excess capacity of M-4 baghouse (as we discussed with IDEM). Whether the M-4 baghouse actually has sufficient capacity to maintain an acceptable and measurable negative pressure on the material storage building has yet to be determined. As Refined Metals' fugitive emission control system is designed to minimize the possibility of fugitives being released, and the purpose of the rule is to protect the NAAQS, we feel that any

requirement for "zero" emissions is completely unwarranted.

Response: IDEM agrees that the area which houses the casting machine, the refining kettles, and storage of finished cast lead product is not a problem area from the standpoint of fugitive lead emissions. Hoods ducted to baghouses are utilized at each of the process areas to ensure that process fugitives do not disperse into the rest of the building. IDEM also agrees that maintaining a constant negative pressure in areas of the building far removed from the process areas may be difficult. The requirement to keep the building which houses the casting operation, refining operation, and the finished cast lead product under constant negative pressure will be dropped. However, a three percent opacity limit from all building openings as determined by a modified Method 9 will be in effect.

There is no question that the blast furnace and dust furnace areas are currently maintained under significant negative pressure. IDEM has determined that the attached materials storage building needs to be maintained under negative pressure since it is believed to be the source of lead dust which caused the most recent violation of the national ambient air quality standard (NAAQS) for lead in the Marion County lead nonattainment area. IDEM believes that negative pressure in the material storage building should be achievable by utilizing the excess capacity of the M-4 baghouse. If the required continuous pressure differential monitoring device demonstrates that this is not possible, then other alternatives will have to be considered by Refined Metals in order to insure that a measurable negative pressure exists in the material storage building.

Comment: Re: 326 IAC 15-1-2(a)(1)(E) - Refined Metals is quite willing to install and operate a monitoring system to ensure that the blast/dust furnace building operates under negative pressure. We are also willing to explore the feasibility of monitoring negative pressure in the material storage building. However, maintaining the casting, refining, and lead storage building under negative pressure is simply not feasible nor do we feel it is warranted due to the conditions within this building.

Response: IDEM believes that due to the large capacity of the M-4 baghouse and the nature of the enclosure around the blast/dust furnace area that there is no question about this area being maintained under negative pressure. The area of real concern is the material storage building. The potential for lead dust being stirred up in this building on a regular basis is considerable. The fugitive lead dust plan which will accompany the finally adopted version of this rule to the USEPA as part of the state implementation plan (SIP) submittal addresses some of the work practices followed in this building but IDEM believes that the requirement for negative pressure is necessary even with improved work practices in order to prevent continued violations of the NAAQS.

Comment: Re: 326 IAC 15-1-2(a)(1)(G) - The proposed 3% opacity limit should be changed to 10% with 3% being an action level. Upon reaching the action level specific procedures should be initiated to locate and correct the cause of emissions. The 10% limit is consistent with the limits proposed for other secondary lead smelters.

Response: Rather than use a 10% limit with a 3% action level staff recommends the use of a 5% opacity limit for the stacks at Refined Metals. A 5% limit is reasonable from the standpoint of continuous emissions monitoring response capability and yet keeps a tight, but attainable limit, in place. The 10% opacity limit has been proposed for Quemetco, Inc., a secondary lead smelter also located in Marion County, but that source is not in a lead nonattainment area nor does it have a history of violations.

## Proposed Rules

*Comment:* Re: 326 IAC 15-1-2(a)(1)(I) - This should be changed to read "ninety (90) days after the plant resumes operation." This will allow sufficient time to install necessary equipment to achieve compliance and work out "bugs" associated with this equipment.

*Response:* Staff at IDEM are operating under the belief that this equipment is being obtained at the present time in response to the Refined Metals emergency lead rule. IDEM believes that the date should remain the same.

### 2. USEPA comments and IDEM responses

The Regulation Development Section of the Regulation Development Branch has reviewed the latest draft rule for Refined Metals, sent to the United States Environmental Protection Agency (USEPA) on July 12, 1993. EPA provided comments to identify approvability problems early in the process.

*Comment:* 326 IAC 15-1-2(a)(1)(C) contains a phrase which states . . . "The enclosed screw conveyors shall not leak lead bearing flue dust."

Because lead bearing flue dust cannot be identified by visible inspection, this clause should state that there shall be no visible emissions from the screw conveyor. Compliance should be determined by Method 22.

*Response:* IDEM agrees and has incorporated USEPA's recommended language in the version of the rule which will be presented to the Air Pollution Control Board (Board) on October 6, 1993 for preliminary adoption.

*Comment:* 326 IAC 15-1-2(a)(1)(E) states that the buildings shall be maintained under negative pressure and that continuous monitoring (must be performed) by a monitoring device (which) must be approved by IDEM, USEPA, and IAPCS.

The methodology should be resolved before final adoption of (the) rule. Realizing that the statement "no visible emissions" may not be appropriate in this situation due to the opening of doors, on occasion, USEPA recommends use of a modified Method 9 to show compliance with any potential emissions coming from the buildings operating under negative pressure. Such a statement might read "compliance shall be determined by a modified Method 9: A three (3) minute, three percent (3%) opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals."

*Response:* IDEM has included a requirement for the type of differential pressure monitoring system in the version of the rule which was submitted to the board on October 6, 1993. Also included are an installation location for the device, operational requirements, and recordkeeping requirements. Specific acceptable pressure drop limits have not been established since this methodology has not been previously applied in Indiana's air pollution control rules. As long as any negative pressure can be measured at the selected monitoring location IDEM believes that an adequate negative pressure will exist in the blast/dust furnace area and in the material storage building.

IDEM agrees with and has incorporated USEPA's suggestion to use a modified Method 9 to determine fugitive emissions from the material storage building, the blast/dust furnace area, and the building housing the casting operation, the refining kettles, and the finished product storage area.

*Comment:* 326 IAC 15-1-2(a)(1)(H) describes Continuous Opacity Monitors in stacks M-1 and M-4 and references operating requirements to 40 CFR 51, Appendix M, Method 203.

The requirements to 40 CFR 51, Appendix M, Method 203 have not been finalized. Once finalized, the CFR edition should be stated, as well.

*Response:* Staff has opted not to include the reference to Method 203 since that procedure has not yet been promulgated at the federal level.

*Comment:* 326 IAC 15-1-2(a)(1)(J) does not require stack tests by a certain date after operation resumes.

*Response:* Stack tests on the M-1, M-2, M-3, and M-4 baghouse stacks were conducted prior to June 30, 1992, as required by the existing rule. No changes in the operations of the plant have occurred to justify requiring Refined Metals to duplicate those tests at this time. The draft rule addressed the issues related to stack testing in response to USEPA enforceability comments on the previous Refined Metals rule. Rule language has been amended. IDEM may request a stack test at any time under existing rules.

### SUMMARY/RESPONSE TO COMMENTS FROM THE FIRST PUBLIC HEARING/BOARD MEETING

The Indiana Air Pollution Control Board conducted the first public hearing/board meeting regarding the development of site specific provisions for the Refined Metals secondary lead smelting facility located in southeastern Marion County on October 6, 1993. One comment was made by Refined Metals before the Board. The comment was responded to by IDEM.

### SUMMARY OF COMMENTS AND RESPONSES

#### 1. Refined Metals comment and IDEM response

*Comment:* We disagree with the proposed 5% opacity limits for M-1 and M-4 stacks. We submitted a written comment on August 6, 1993, asking for a 10% limit which would be consistent with our competitors across town. In good faith we also proposed that an action level of 3% be included, at which point procedures would be implemented to locate and eliminate the source of the opacity. IDEM responded that our competitor has no history of violations, and that is the reason their standard is less stringent. I would like to point out that the suspected causes of our two previous violations have been addressed in other sections of the proposed rule. No reference is made in either the background or rule analysis that the stacks were ever the suspected causes of the violations.

Given the competitive nature of our business, we feel it imperative that we be governed on an equal basis. We therefore ask that the proposed opacity limit be raised to 10% with an action level of 3%.

*Response:* Chairman Rariden solicited comments or questions from the Board.

Mr. Anderson responded by stating that Refined Metals' competitor was not in a lead nonattainment area. He then sought confirmation of that statement.

Mr. Method, the Assistant Commissioner of the Office of Air Management responded in the affirmative.

Mr. Anderson asked if that was the reason for the difference in opacity limits.

Mr. Method responded that it is typical to have more stringent requirements apply where there has clearly been an air quality problem that led to nonattainment of the standard. He pointed out that in this situation there has been a history of monitored air quality violations of the lead standard and that IDEM felt the need to place restrictions which properly minimize emissions. He added that the opacity limit has been raised from 3% to 5% and that IDEM believes that 5% is achievable with the equipment in use at Refined Metals. He said the 5% limit would provide an incentive to maintain the equipment in good working order and that IDEM wants emissions from all sources at this facility to be maintained at a level which IDEM feels

is necessary in order to guarantee that the repeated problems of the past do not reoccur.  
The Board unanimously adopted the proposed rule.

326 IAC 15-1-2

SECTION 1. 326 IAC 15-1-2, PROPOSED TO BE AMENDED AT 16 IR 2222, SECTION 1, IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-1-4

Affected: IC 13-1-1; IC 13-7-7

Sec. 2. (a) The sources listed below shall comply with the following emission and operating provisions:

Source	Facility Description	Emission Limitation lbs./hr.
(1) Refined Metals of Indianapolis	M-1 baghouse stack <sup>1</sup>	0.91
	M-2 baghouse stack <sup>1</sup>	0.15
	M-3 baghouse stack <sup>1</sup>	0.15
	M-4 baghouse stack <sup>1</sup>	0.30

<sup>1</sup>Compliance shall be achieved on or before April 30, 1992.

(A) On or before June 1, 1987, Refined Metals of Indianapolis shall install and operate hooding systems for the blast furnace skip hoist and charging area, the blast furnace slag and lead tapping area, the casting area, the refining kettles, and the lead dust furnace charging area.

(B) The hooding systems required for the operations listed in clause (A) shall vent the emissions through a control device to one (1) of the four (4) stacks, M-1 through M-4.

(C) On or before June 1, 1987, Refined Metals of Indianapolis shall also install and operate enclosed screw conveyors to transport lead flue dusts to the lead dust furnace. There shall be no visible emissions from the screw conveyors. Compliance shall be determined by 40 CFR 60, Appendix A, Method 22\*\*.

(D) On or before April 1, 1992, Refined Metals of Indianapolis shall totally enclose The building buildings housing the blast furnace, and the dust furnace, Total enclosure and materials storage shall be demonstrated as follows:

(i) Access doors and windows in the total enclosure shall be closed during routine operations.

(ii) The interior of the total enclosure must operate at a lower pressure than its surroundings so that air flows into the enclosure at all natural draft openings.

(iii) The average air velocity through the natural draft openings shall be at least five hundred (500) feet per minute.

(iv) Sources of emissions shall be located at least four (4) times the opening area divided by the perimeter from each natural draft opening.

(v) The total area of all natural draft openings shall be less than five percent (5%) of the surface area of the total enclosure's four (4) walls, floor, and ceiling.

kept under continuous negative pressure by constant flow

rate fans ducted to control devices.

(E) The company shall install and operate a continuous monitoring system to measure and record pressure differential to ensure that the materials storage building and the blast/dust furnace area are maintained under negative pressure while the plant is in operation. The monitoring system shall be located on the north wall of the materials storage building. It shall consist of a differential pressure sensor/transmitter, a processor, and a recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

(F) The blast furnace and the dust furnace fugitive emissions shall be drawn from the enclosure by a constant flow rate fan to a control device. The control device shall vent to the atmosphere through the M-4 baghouse stack which shall be at least eighty (80) feet in height from ground level.

(G) Visible emissions from the M-1, M-2, M-3, and M-4 baghouse stacks and from building openings shall not exceed a six (6) minute average of three percent (3%) five percent (5%) opacity for each stack and opening as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*.

(H) Visible emissions from building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9\*\* except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals.

(I) Refined Metals of Indianapolis shall install and operate continuous opacity monitors (COM) in the M-1 and the M-4 baghouse stacks. COM data shall be used to determine compliance with the three percent (3%) five percent (5%) opacity limits. The COMs shall be operated in accordance with the procedures specified in 326 IAC 3-1-1, required by clause (G). The COMS shall meet the performance and installation requirements of 40 CFR 60, Appendix B, Performance Specification 1\*\*. Quarterly performance audits are required, including the following:

(i) A written standard operating procedure (SOP) for COMS shall be submitted to the department for approval. The department shall complete the review of the COMS SOP within sixty (60) days of submittal. The COMS SOP shall contain, at minimum, the following:

(AA) Calibration procedures.

(BB) Operation procedures.

(CC) Preventive maintenance procedures.

(DD) Quality control and quality assurance procedures.

(EE) Record keeping and reporting procedures.

## Proposed Rules

(ii) IDEM shall be notified fourteen (14) days in advance of each quarterly performance audit. Results of quarterly performance audits shall be submitted to the department within forty-five (45) days after the audit is conducted.

(iii) COMS excess emission reports shall be submitted to the department within thirty (30) days following the end of each calendar quarter. These reports shall contain, at minimum, the following:

(AA) The operating time of the monitored facilities.

(BB) The date and time each COMS recorded opacity measurements above the five percent (5%) opacity limit.

(CC) The date and time each COMS was inoperative or malfunctioning.

(DD) A description of the nature and cause of any excess emissions.

(H) (J) Refined Metals of Indianapolis shall achieve compliance with clauses (D) through (G) (I) by April 30, 1992. March 1, 1994. In the event that the plant is idle on March 1, 1994, compliance with clauses (D) through (H) shall be achieved by the date the plant resumes production. Refined Metals shall notify the department thirty (30) days before production resumes to enable the department to make a compliance determination.

(H) (K) Refined Metals of Indianapolis shall perform a stack test on the M-1, M-2, M-3, and M-4 baghouse stacks and demonstrate compliance with this subdivision by June 30, 1992.

(L) Any violation of the National Ambient Air Quality Standards (NAAQS) shall result in an investigation by Refined Metals to determine the cause of the violation. Such an investigation shall be completed within ninety (90) days after the date the violation is confirmed. Refined Metals shall provide a corrective action plan to the department for approval within ninety (90) days of the confirmation of the violation. The plan shall specify the actions required to continuously meet the NAAQS. Refined Metals shall implement the plan upon approval by the department. The department may require a cessation in production, if needed, to assure continuous attainment of the NAAQS.

(2) Chrysler Corporation Foundry, Indianapolis	Cupola stack	0.550
	Cupola fugitive	1.894
(3) Delco Remy Division of General Motors Corporation, Muncie	Lead oxide mfg. stack (each of 5)	0.068
	Oxide grinder stack (each of 2)	0.123
	*Central tunnel system stack (each of 4)	0.254
	Reverberatory furnace stack	0.225
	O.S.I. drying oven stack (each of 4)	0.0015
	Electric melting pot stack	0.159

\*On or before June 1, 1987, Delco Remy shall install ductwork to vent emissions from the vacuum cleaning lines through the control devices and stacks serving the Central Tunnel System.

(4) Indiana Oxide Corporation, Brazil	Barton #1 reactor	0.215
	Barton #2 reactor	0.215
	Barton #3 reactor	0.215
	Barton #4 reactor	0.215
	Rake furnace	0.006
	Kiln #2	0.002
	*Franklin reactor	0.603

\*Shall not operate more than 670 hours per quarter.

(5) U.S.S. Lead Refinery, East Chicago	*Blast furnace stack	0.002
	*Blast furnace fugitive	
	Charging	2.922
	Lead tapping	0.002
	Slag tapping	0.005
	*Refining kettles fugitive	0.0001
	*Casting fugitive	0.393
	*Reverberatory furnace fugitive	0.345

\*Shall not operate more than 334 hours per quarter.

(6) Hammond Lead Products, Inc., HLP-Lead Plant	Stack 4A-S-8	0.053
	Stack 14-S-16	0.053
	Stack 1-S-2	0.053
	Stack 1-S-26	0.053
	Stack 16-S-56	0.200
	Stack 1-S-52	0.070
	Stack 1-S-27	0.020
	Stack 4-S-35	0.090
	Stack 6-S-33	0.070
	Stack 4B-S-34	0.080
	Stack 6-S-47	0.021
	Stack V-1	0.090
	Stack V-11	0.006

(A) The ventilator control system (Stack V-1) shall consist of a fan with a constant flow rate that draws air from the building through a HEPA filter which vents to the atmosphere through a stack. The HEPA filters shall be maintained and operated in order to achieve maximum control efficiency. In addition to the requirements contained in subsection (c), Hammond Lead Products, Inc. shall submit an operation and maintenance plan by July 31, 1990, which incorporates good housekeeping practices for the ventilator control systems. This operation and maintenance plan shall be incorporated into the operating permits for Hammond Lead Products, Inc. and submitted to U.S. EPA as a revision to Indiana's lead state implementation plan by December 31, 1990. The ventilator control systems shall be designed such that process fugitive emissions will not routinely escape the buildings except as vented through the ventilator control systems. The compliance test method specified in section 4(a) of this rule shall be used to determine compliance with the emission limitations for the ventilator control system stacks.

(B) By December 31, 1989, the stack heights for all process-

## Proposed Rules

es except Stack 16-S-56, Stack 1-S-52, and the ventilator control systems shall be no less than sixty (60) feet above grade; the stack heights for Stack 16-S-56 and Stack 1-S-52 shall be no less than eighty-two (82) feet above grade; and the stack height for Vent 11 shall be no less than thirty-five (35) feet above grade. By July 31, 1990, the stack heights for the other ventilator control systems shall be no less than sixty (60) feet above grade.

(C) Hammond Lead Products, Inc. shall install HEPA filters according to the following schedule:

Stack 4A-S-8	March 31, 1992
Stack 14-S-16	June 30, 1992
Stack 1-S-2	December 31, 1991
Stack 1-S-26	September 30, 1992
*Stack 16-S-56:	
130 bag filter	November 20, 1989
100 bag filter	December 6, 1989
80 bag filter	June 1, 1989
72 bag filter	December 31, 1991
Stack 1-S-52	December 31, 1989
Stack 1-S-27	August 15, 1987
Stack 4-S-35	October 16, 1989
Stack 6-S-33	July 22, 1988
Stack 4B-S-34	October 5, 1989
Stack 6-S-47	May 26, 1988

\*Four (4) bag filters are vented through common Stack 16-S-56.

(D) Hammond Lead Products, Inc. shall provide written notification to the commissioner within three (3) days after the installation of HEPA filters is completed at each of the sites listed in clause (A).

(E) All emissions limitations in this subdivision shall be met by December 31, 1992.

(F) This subdivision shall be submitted to the U.S. EPA as a revision to the Indiana state implementation plan.

(7) Hammond Lead Products, Inc. Division	Stack S-1	1.000
	Stacks S-4, S-5 (each)	0.100
	Stacks S-6, S-7, S-8 (each)	0.120
	Stacks S-9, S-10, S-11 (each)	0.120
	Stacks S-12, S-13 (each)	0.120
	Stacks S-14, S-16 (each)	0.120
	Stack S-15	0.120
	Stack S-17	0.100

<sup>1</sup>Shall not operate more than 166,5000 hours per quarter.

<sup>2</sup>Shall not operate more than 625 hours per quarter per stack.

<sup>3</sup>Shall not operate more than 250 hours per quarter per stack.

<sup>4</sup>Shall not operate more than 1,000 hours per quarter per stack.

<sup>5</sup>Shall not operate more than 1,500 hours per quarter.

(8) Quemetco, Inc., Indianapolis	Stack 100	1.000
	Stack 101	0.015
	Stack 102	0.015
	Stack 103	0.015
	Stack 104	0.015
	Stack 105	0.015
	Stack 106	0.015
	Stack 107	0.015
	Stack 108	0.015
	Stack 109	0.008
	Stack 110	0.008

(A) Fugitive emissions from reverberatory furnacē, electric arc furnace, casting, and refinery kettles shall be controlled as follows:

(i) The interior of the building must operate at a lower pressure than its surroundings so that air flows into the building at all openings.

(ii) The company shall install and operate a monitoring system or device which will measure either pressure differential or flow to ensure that the building operates under negative pressure. The methodology and equipment must be approved by the Indiana department of environmental management, the U.S. EPA, and the Indianapolis air pollution control division.

(B) The fugitive emissions shall be drawn from the enclosure to control devices by negative air pressure from use of constant flow rate fans. Fugitive emissions will not routinely escape the building except as vented through control devices and then to the atmosphere through the main process stack that is at least one hundred sixty-five (165) feet above ground level or through HEPA filters venting the building roof. Visible emissions from all building openings and HEPA filter exhausts shall not exceed an average of three percent (3%) opacity as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*. Quemetco, Inc. shall operate a continuous opacity monitor in the main process stack (Stack 100). Continuous opacity monitor data shall be used to determine compliance. The opacity limit for the main process stack shall be ten percent (10%). The continuous opacity monitor shall be operated in accordance with the procedures specified in 326 IAC 3-1.1.

(C) Quemetco, Inc. shall achieve compliance with clauses (A) and (B) according to the following schedule:

(i) Complete on-site construction, including the installation of continuous opacity monitor on main process stack by January 1, 1994.

(ii) Perform stack test on main process stack and demonstrate compliance with this subdivision by March 1, 1994.

(D) Quemetco, Inc. shall submit a written statement providing evidence to the commissioner within thirty (30) days of each applicable date specified in clause (C) that the requirements of this subdivision have been met.

(b) In addition to the sources listed in subsection (a), the following sources shall comply with subsection (c) and section 3 of this rule:

## Proposed Rules

- (1) Exide Corporation, Logansport.
- (2) C & D Batteries, Attica.
- (3) Exide Corporation, Frankfort.

(c) Operation and maintenance programs shall be designed to prevent deterioration of control equipment performance. For sources listed in subsection (a)(1) through (a)(7), these programs shall be submitted to the department of environmental management, office of air management, on or before June 1, 1987. For sources listed in subsections (a)(8) through (b), these programs shall be submitted to the office of air management on or before February 1, 1988. These programs will be incorporated into the individual source operation permits.

**\*\*Copies of the Code of Federal Regulations (CFR) referenced in 326 IAC 15-1 may be obtained from the Government Printing Office, Washington, D.C. 20402 or from the Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015. (Air Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832)**

### Notice of Public Hearing

Under IC 4-22-2-24, IC 13-7-7-1, and IC 13-7-7.1, notice is hereby given that on February 24, 1994 at 1:00 p.m., at the Indiana Government Center-South, 402 West Washington Street, Conference Center, Indianapolis, Indiana the Air Pollution Control Board will hold a public hearing on proposed amendments concerning Refined Metals, a lead smelting facility in Marion County.

The purpose of this hearing is to receive comments from the public prior to the final adoption of this rule by the Board. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposed amendments. Oral statements will be heard, but for the accuracy of the record, all important statements should be submitted in writing at the meeting.

Copies of these rules are now on file at the Indiana Department of Environmental Management, Indiana Government Center-North, 100 North Senate Avenue, 10th Floor and Legislative Services Agency, 106 State House, Indianapolis, Indiana and are open for public inspection.

Timothy J. Method  
Assistant Commissioner  
Office of Air Management

## TITLE 405 OFFICE OF THE SECRETARY OF FAMILY AND SOCIAL SERVICES

Proposed Rule  
LSA Document #93-200

### DIGEST

Adds 405 IAC 1-4.4 to limit reimbursement for staffing to seven hours for special skilled or intermediate services for chronically medically dependent recipients in a nursing facility. Effective 30 days after filing with the secretary of state.

### 405 IAC 1-4.4

SECTION 1. 405 IAC 1-4.4 IS ADDED TO READ AS FOLLOWS:

Rule 4.4. Additional Rate-Setting Criteria for Nursing Facilities Serving Chronically Medically Dependent Residents

### 405 IAC 1-4.4-1 Definitions

Authority: IC 12-8-6-5; IC 12-15-1-10; IC 12-15-21-2  
Affected: IC 12-13-7-3; IC 12-15; IC 16-10-1

Sec. 1. (a) As used in this rule, "chronically medically dependent" means a medical condition of a person who is infected by the human immunodeficiency virus (HIV) and has been certified by a physician as, because of the HIV infection, requiring a skilled or intermediate level of care.

(b) As used in this rule, "special skilled or intermediate service" means medical and health care services that are provided to a patient who is:

- (1) chronically medically dependent; and
- (2) in need of a level of care that is less intensive than the care provided in a hospital licensed under IC 16-10-1.

(c) As used in this rule, "like levels of care" means:

- (1) skilled care provided in a nursing facility;
- (2) intermediate care provided in a nursing facility;
- (3) care provided for the ventilator-dependent;
- (4) care provided for brain and high spinal cord trauma; and
- (5) special skilled services provided to persons who are chronically medically dependent because of HIV.

(Office of the Secretary of Family and Social Services; 405 IAC 1-4.4-1)

### 405 IAC 1-4.4-2 General information

Authority: IC 12-8-6-5; IC 12-15-1-10; IC 12-15-21-2  
Affected: IC 12-13-7-3; IC 12-15; IC 16-10-4

Sec. 2. (a) Care for a chronically medically dependent person may be reimbursed under this section and under

**TITLE 326 AIR POLLUTION CONTROL BOARD  
CONTINUATION OF SECOND NOTICE  
#93-3**

**DEVELOPMENT OF RULES CHANGES AFFECTING REFINED METALS**

**NOTICE OF FIRST MEETING/HEARING**

Under IC 4-22-2, IC 13-7-7-4, and IC 13-7-7.1, notice is hereby given that the Air Pollution Control Board will hold a public hearing at its regularly scheduled meeting on February 24, 1994, at 1:00 p.m. in the Indiana Government Center-South, Conference Center, 402 West Washington Street, Indianapolis, Indiana 46204.

In the event the Air Pollution Control Board is not able to conduct or complete a public hearing on February 24, 1994, on proposed amendments to 326 IAC 15-1-2, the public hearing will be held on March 10, 1994.

The purpose of this hearing is to receive comments from the public prior to final adoption of this rule by the board. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposed amendments. Oral statements will be heard, but for the accuracy of the record, all important statements should be presented in writing to the Board at the hearing or sent to the attention of Mr. Timothy J. Method, Assistant Commissioner, Office of Air Management, Department of Environmental Management, P.O. Box 6015, Indianapolis, Indiana 46206-6015. Mailed comments should be clearly identified with the following heading: "Title 326 Air Pollution Control Board, Comments on Refined Metals, Inc. rules."

All mailed comments for the March 10, 1994, Board meeting must be postmarked by March 10, 1994.

**TITLE 326 AIR POLLUTION CONTROL BOARD  
SECOND NOTICE OF COMMENT PERIOD  
#93-4**

**DEVELOPMENT OF NEW RULES CONCERNING SOURCES OF VOLATILE ORGANIC COMPOUNDS FOR WHICH CONTROL TECHNOLOGY GUIDELINES HAVE NOT BEEN ISSUED BY THE U.S. EPA**

**PURPOSE OF NOTICE**

The Indiana Department of Environmental Management (IDEM) is soliciting public comments on the development of rules for volatile organic compound (VOC) reasonably available control technology (RACT) sources for which no federal control technology guideline (CTG) has been issued. The Clean Air Act Amendments of 1990 mandate that IDEM develop rules to address this specific group of sources in ozone nonattainment areas which have been designated as moderate or above. This required rulemaking and subsequent state implementation plan (SIP) revision will affect a limited number of sources in Lake, Porter, Clark, and Floyd Counties.

This notice complies with IC 13-7-7.1-4 and contains:

- (1) A summary of the responses of IDEM to written comments submitted during the first public comment period.
- (2) The full text of the draft rule.

(3) Notice of the first meeting/hearing of the Air Pollution Control Board at which testimony on the proposed rules will be taken and the Board will consider a proposed rule.

This notice also requests the submission of comments, including suggestions for specific language for a proposed rule. All comments and suggested amendment language should reference the proposed rule. Additional changes to existing rules may be necessary.

**CITATIONS AFFECTED:** 326 IAC 8-7.

**PUBLIC COMMENTS**

At this time, IDEM solicits the following:

- (1) The submission of alternative ways to achieve the purpose described above.
- (2) The submission of comments on the proposed rulemaking, including suggestions for specific language for the proposed rule.

Mailed comments should be sent to the attention of: Timothy J. Method, Assistant Commissioner, Office of Air Management, P.O. Box 6015, Indianapolis, Indiana 46206-6015. Hand delivered comments will be accepted by the IDEM employee on duty at the tenth floor reception desk, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, Indianapolis, Indiana 46204. To assure proper routing, all comments should be clearly identified with the following heading: "Title 326 Air Pollution Control Board #93-4 Comments on Development of New Rules for Non-CTG VOC RACT Sources."

Comments must be postmarked or hand delivered by March 2, 1994.

Additional information regarding this action can be obtained from Larry Fedor, Chief, Rule Development Section, Office of Air Management at (317) 232-8223.

**SUMMARY/RESPONSE TO COMMENTS FROM THE FIRST COMMENT PERIOD**

No responses were received by IDEM regarding the first notice for Development of Rules Changes Affecting Volatile Organic Compounds (93-4).

**PROPOSED RULE**

**SECTION 1. 326 IAC 8-7 IS ADDED TO READ AS FOLLOWS:**

**Rule 7. Other Sources that Emit Volatile Organic Compounds**

**326 IAC 8-7-1 Definitions**

Authority: IC 13-1-1-4; IC 13-7-7

Affected: IC 13-1-1

Sec. 1. As used in this rule, "potential emissions" means emissions calculated using maximum design capacity, operating at eight thousand seven hundred sixty (8,760) hours per year before add-on controls. (*Air Pollution Control Board; 326 IAC 8-7-1*)

**326 IAC 8-7-2 Applicability of rule**

Authority: IC 13-1-1-4; IC 13-7-7

Affected: IC 13-1-1

Sec. 2. (a) This rule shall apply to any existing or new source that:

- (1) emits volatile organic compounds (VOC);
- (2) is located in Clark, Floyd, Lake, or Porter County; and
- (3) is not subject to other rules, excluding 326 IAC 8-6.

(b) A source is subject to the emission limits in section 3 of this rule that:

## Final Rules

### TITLE 326 AIR POLLUTION CONTROL BOARD

LSA Document #93-201(F)

#### DIGEST

Amends 326 IAC 15-1-2 to establish requirements to maintain the materials storage building and the blast/dust furnace area under constant negative pressure and to continuously monitor negative pressure. Additionally, specific criteria are set for the control of both fugitive and stack emissions. Effective 30 days after filing with the secretary of state.

#### 326 IAC 15-1-2

SECTION 1. 326 IAC 15-1-2 IS AMENDED TO READ AS FOLLOWS:

#### 326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-1-1-4

Affected: IC 13-1-1; IC 13-7-7

Sec. 2. (a) The sources listed below shall comply with the following emission and operating provisions:

Source	Facility Description	Emission Limitation	
			lbs./hr.
(1) Refined Metals of Indianapolis	M-1 baghouse stack <sup>1</sup>		0.91
	M-2 baghouse stack <sup>1</sup>		0.15
	M-3 baghouse stack <sup>1</sup>		0.15
	M-4 baghouse stack <sup>1</sup>		0.30

<sup>1</sup>Compliance shall be achieved on or before April 30, 1992.

(A) On or before June 1, 1987, Refined Metals of Indianapolis shall install and operate hooding systems for the blast furnace skip hoist and charging area, the blast furnace slag and lead tapping area, the casting area, the refining kettles, and the lead dust furnace charging area.

(B) The hooding systems required for the operations listed in clause (A) shall vent the emissions through a control device to one (1) of the four (4) stacks, M-1 through M-4.

(C) On or before June 1, 1987, Refined Metals of Indianapolis shall also install and operate enclosed screw conveyors to transport lead flue dusts to the lead dust furnace. There shall be no visible emissions from the screw conveyors. Compliance shall be determined by 40 CFR 60, Appendix A, Method 22\*\*.

(D) On or before April 1, 1992, Refined Metals of Indianapolis shall totally enclose the building buildings housing the blast furnace, and the dust furnace. Total enclosure and materials storage shall be demonstrated as follows:

(i) Access doors and windows in the total enclosure shall be closed during routine operations.

(ii) The interior of the total enclosure must operate at a lower pressure than its surroundings so that air flows into the enclosure at all natural draft openings.

(iii) The average air velocity through the natural draft openings shall be at least five hundred (500) feet per minute.

(iv) Sources of emissions shall be located at least four (4) times the opening area divided by the perimeter from each natural draft opening.

(v) The total area of all natural draft openings shall be less than five percent (5%) of the surface area of the total enclosure's four (4) walls, floor, and ceiling.

kept under continuous negative pressure by constant flow rate fans ducted to control devices.

(E) The company shall install and operate a continuous monitoring system to measure and record pressure differential to ensure that the materials storage building and the blast/dust furnace area are maintained under negative pressure while the plant is in operation. The monitoring system shall be located on the north wall of the materials storage building. It shall consist of a differential pressure sensor/transmitter, a processor, and a recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

(F) The blast furnace and the dust furnace fugitive emissions shall be drawn from the enclosure by a constant flow rate fan to a control device. The control device shall vent to the atmosphere through the M-4 baghouse stack which shall be at least eighty (80) feet in height from ground level.

(G) Visible emissions from the M-1, M-2, M-3, and M-4 baghouse stacks and from building openings shall not exceed a six (6) minute average of three percent (3%) five percent (5%) opacity for each stack and opening as determined in accordance with 40 CFR Part 60, Appendix A, Method 9\*\*.

(H) Visible emissions from building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9\*\*, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals.

(I) Refined Metals of Indianapolis shall install and operate continuous opacity monitors (COM) monitoring systems in the M-1 and the M-4 baghouse stacks (COM) or in the ductwork leading to those stacks. COMS data shall be used to determine compliance with the three percent (3%) five percent (5%) opacity limits. The COMS shall be operated in accordance with the procedures specified in 326 IAC 3-1-1, limit required by clause (G). The COMS shall meet the performance and installation requirements of 40 CFR 60, Appendix B, Performance Specification 1\*\*. The company shall also comply with the following:

(i) A complete written standard operating procedure

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(SOP) for COMS shall be submitted to the department for approval. The department shall complete the review of the COMS SOP within sixty (60) days of submittal. The COMS SOP shall contain, at minimum, complete step-by-step procedures for the following:

- (AA) Calibration procedures.
- (BB) Operation procedures.
- (CC) Preventive maintenance procedures.
- (DD) Quality control and quality assurance (QA) procedures.
- (EE) Record keeping and reporting procedures.

(ii) The company shall perform quarterly COMS performance audits and notify the department fourteen (14) days in advance of each audit. The company shall submit quarterly COMS QA reports to the department within thirty (30) days following the end of the quarter. Each report shall summarize performance audit results and provide an explanation for periods of time during the quarter when valid data was not collected.

(iii) COMS excess emission reports shall be submitted to the department within thirty (30) days following the end of each calendar quarter. These reports shall contain, at minimum, the following:

- (AA) The operating time of the monitored facilities.
- (BB) The date and time each COMS recorded opacity measurements above the five percent (5%) opacity limit.
- (CC) The date and time each COMS was inoperative or malfunctioning.
- (DD) A description of the nature and cause of any excess emissions.

(H) (J) Refined Metals of Indianapolis shall achieve compliance with clauses (D) through (G) (I) by April 30, 1992. March 1, 1994. In the event that the plant is idle on March 1, 1994, compliance with clauses (D) through (I) shall be achieved by the date the plant resumes production. Refined Metals shall notify the department thirty (30) days before production resumes to enable the department to make a compliance determination.

(H) (K) Refined Metals of Indianapolis shall perform a stack test on the M-1, M-2, M-3, and M-4 baghouse stacks and demonstrate compliance with this subdivision by June 30, 1992. All subsequent stack tests shall be conducted utilizing the methodologies of 40 CFR 60, Appendix A, Methods 1, 2, 3, 4, 5, and 12\*\*.

(L) Any violation of the National Ambient Air Quality Standards (NAAQS) shall result in an investigation by Refined Metals to determine the cause of the violation. Such an investigation shall be completed within ninety (90) days after the date the violation is confirmed. Refined Metals shall provide a corrective action plan to

the department for approval within ninety (90) days of the confirmation of the violation. The plan shall specify the actions required to continuously meet the NAAQS. Refined Metals shall implement the plan upon approval by the department. The department may require a cessation in production, if needed, to assure continuous attainment of the NAAQS.

(2) Chrysler Corporation Foundry, Indianapolis	Cupola stack Cupola fugitive	0.550 1.894
(3) Delco Remy Division of General Motors Corporation, Muncie	Lead oxide mfg. stack (each of 5) Oxide grinder stack (each of 2) *Central tunnel system stack (each of 4) Reverberatory furnace stack O.S.I. drying oven stack (each of 4) Electric melting pot stack	0.068 0.123 0.254 0.225 0.0015 0.159
*On or before June 1, 1987, Delco Remy shall install ductwork to vent emissions from the vacuum cleaning lines through the control devices and stacks serving the Central Tunnel System.		
(4) Indiana Oxide and Chemical Corporation, Brazil	Barton #1 reactor Barton #2 reactor Barton #3 reactor Barton #4 reactor Rake furnace Kiln #2 *Franklin reactor	0.215 0.215 0.215 0.215 0.006 0.002 0.603
*Shall not operate more than 670 hours per quarter.		
(5) U.S.S. Lead Refinery, East Chicago	*Blast furnace stack *Blast furnace fugitive Charging Lead tapping Slag tapping *Refining kettles fugitive *Casting fugitive *Reverberatory furnace fugitive	0.002 2.922 0.002 0.005 0.0001 0.393 0.345
*Shall not operate more than 334 hours per quarter.		
(6) Hammond Lead Products, Inc., HLP-Lead Plant	Stack 4A-S-8 Stack 14-S-16 Stack 1-S-2 Stack 1-S-26 Stack 16-S-56 Stack 1-S-52 Stack 1-S-27 Stack 4-S-35 Stack 6-S-33 Stack 4B-S-34 Stack 6-S-47 Stack V-1 Stack V-11	0.053 0.053 0.053 0.053 0.200 0.070 0.020 0.090 0.070 0.080 0.021 0.090 0.006

(A) The ventilator control system (Stack V-1) shall consist of a fan with a constant flow rate that draws air from the

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building through a HEPA filter which vents to the atmosphere through a stack. The HEPA filters shall be maintained and operated in order to achieve maximum control efficiency. In addition to the requirements contained in subsection (c), Hammond Lead Products, Inc. shall submit an operation and maintenance plan by July 31, 1990, which incorporates good housekeeping practices for the ventilator control systems. This operation and maintenance plan shall be incorporated into the operating permits for Hammond Lead Products, Inc. and submitted to U.S. EPA as a revision to Indiana's lead state implementation plan by December 31, 1990. The ventilator control systems shall be designed such that process fugitive emissions will not routinely escape the buildings except as vented through the ventilator control systems. The compliance test method specified in section 4(a) of this rule shall be used to determine compliance with the emission limitations for the ventilator control system stacks.

(B) By December 31, 1989, the stack heights for all processes except Stack 16-S-56, Stack 1-S-52, and the ventilator control systems shall be no less than sixty (60) feet above grade; the stack heights for Stack 16-S-56 and Stack 1-S-52 shall be no less than eighty-two (82) feet above grade; and the stack height for Vent 11 shall be no less than thirty-five (35) feet above grade. By July 31, 1990, the stack heights for the other ventilator control systems shall be no less than sixty (60) feet above grade.

(C) Hammond Lead Products, Inc. shall install HEPA filters according to the following schedule:

Stack 4A-S-8	March 31, 1992
Stack 14-S-16	June 30, 1992
Stack 1-S-2	December 31, 1991
Stack 1-S-26	September 30, 1992
*Stack 16-S-56:	
130 bag filter	November 20, 1989
100 bag filter	December 6, 1989
80 bag filter	June 1, 1989
72 bag filter	December 31, 1991
Stack 1-S-52	December 31, 1989
Stack 1-S-27	August 15, 1987
Stack 4-S-35	October 16, 1989
Stack 6-S-33	July 22, 1988
Stack 4B-S-34	October 5, 1989
Stack 6-S-47	May 26, 1988

\*Four (4) bag filters are vented through common Stack 16-S-56.

(D) Hammond Lead Products, Inc. shall provide written notification to the commissioner within three (3) days after the installation of HEPA filters is completed at each of the sites listed in clause (A).

(E) All emissions limitations in this subdivision shall be met by December 31, 1992.

(F) This subdivision shall be submitted to the U.S. EPA as a revision to the Indiana state implementation plan.

(7) Hammond Lead Products, Inc.	<sup>1</sup> Stack S-1	1.000
	Stacks S-4, S-5	
	(each)	0.100
Halstab Division	Stacks S-6, S-7, S-8 (each)	0.120
	<sup>2</sup> Stacks S-9, S-10, S-11 (each)	0.120
	<sup>3</sup> Stacks S-12, S-13 (each)	0.120
	<sup>4</sup> Stacks S-14, S-16 (each)	0.120
	<sup>5</sup> Stack S-17	0.120
	Stack S-17	0.100

<sup>1</sup>Shall not operate more than 166,5000 hours per quarter

<sup>2</sup>Shall not operate more than 625 hours per quarter per stack

<sup>3</sup>Shall not operate more than 250 hours per quarter per stack

<sup>4</sup>Shall not operate more than 1,000 hours per quarter per stack

<sup>5</sup>Shall not operate more than 1,500 hours per quarter

(8) RSR	Main smelter stack	0.805
Quemetco, Inc., Indianapolis	Refinery kettle baghouse stack	0.003
	Kettle sanitary baghouse stack	0.001
	Fugitives	
	Reverberatory furnace	0.177
	Refinery kettles	0.0001
	Casting	0.001
	Electric arc furnace	0.016
	Stack 100	1.000
	Stack 101	0.015
	Stack 101	0.015
	Stack 102	0.015
	Stack 103	0.015
	Stack 104	0.015
	Stack 105	0.015
	Stack 106	0.015
	Stack 107	0.015
	Stack 108	0.015
	Stack 110	0.015

(A) Fugitive emissions from charging of the reverberatory furnace, electric arc furnace, casting operations, and refinery kettles shall be controlled with an enclosed conveyor system designed to achieve a capture efficiency of at least ninety-nine percent (99%), as follows:

(i) When the plant is operating, the interior of the building must operate at a lower pressure than its surroundings so that air flows into the building at all openings.

(ii) The company shall install and operate a monitoring system which will measure pressure differential to ensure that the building is maintained under negative pressure while the plant is in operation. This monitoring system shall be located on the east wall of the building or at such permanent location as shall be approved in writing at a prior time by both the U.S. EPA and IDEM. It shall consist of a differential

pressure sensor, a processor, and a continuous recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

(B) Fugitive emissions from the refinery kettles shall be controlled by a system designed to achieve a capture efficiency of at least ninety-nine percent (99%), within the building vented to the atmosphere through HEPA filters which serve several different work areas or through process control devices and then to the atmosphere through the main process stack that is at least one hundred sixty-five (165) feet above ground level. Visible emissions from all building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9\*\*, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals. Visible emissions from the HEPA filter exhausts shall not exceed an average of three percent (3%) opacity as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*.

(C) Fugitive emissions from easting shall be controlled by a system designed to achieve a capture efficiency of at least ninety percent (90%). The opacity limit for the main process stack (Stack 100) shall be ten percent (10%) as determined in accordance with 40 CFR 60, Appendix A, Method 9\*\*. Quemetco, Inc. shall operate a continuous opacity monitoring system for the main process stack. Continuous opacity monitoring system data shall be used to determine compliance. The continuous opacity monitoring system shall meet the performance, installation, and operational requirements of 40 CFR 60, Appendix B, Performance Specification 1\*\*. A continuous opacity monitoring system quality assurance plan which shall include a requirement for quarterly performance audits shall be submitted to the department for approval.

(D) Fugitive emissions from the electric arc furnace shall be controlled by a system designed to achieve a capture efficiency of at least ninety-five percent (95%). Continuous opacity excess emissions reports shall be submitted to IDEM within thirty (30) days following the end of each calendar quarter. These reports shall contain, at minimum:

- (i) The operating time of the monitored facilities.
- (ii) The date and time the continuous opacity monitoring system recorded opacity measurements above the ten percent (10%) limit.
- (iii) The date and time that the continuous opacity monitoring system was inoperative or malfunctioning.
- (iv) A description of the nature and cause of any

excess emissions.

(E) Quemetco, Inc. shall demonstrate compliance with the lead emissions limitation for the main process stack (Stack 100) utilizing the methodologies of 40 CFR 60, Appendix A, Methods 1, 2, 3, 4, 5, and 12\*\*.

(F) Quemetco, Inc. shall achieve compliance with clauses (A) through (E) according to the following schedule:

- (i) Complete installation of the continuous opacity monitoring system on main process stack (Stack 100) by January 1, 1994.
- (ii) Perform a stack test on main process stack (Stack 100) and demonstrate compliance with this subdivision by April 1, 1994.
- (iii) Complete installation of the negative pressure monitoring system by June 1, 1994.
- (iv) Submit a continuous opacity monitoring system quality assurance plan to the department for approval by June 1, 1994.

(G) Quemetco, Inc. shall submit a written statement providing evidence to the commissioner within thirty (30) days of each applicable date specified in clause (F) that the requirements of this subdivision have been met.

(b) In addition to the sources listed in subsection (a), the following sources shall comply with subsection (c) and section 3 of this rule:

- (1) Exide Corporation, Logansport.
- (2) C & D Batteries, Attica.
- (3) Exide Corporation, Frankfort.

(c) Operation and maintenance programs shall be designed to prevent deterioration of control equipment performance. For sources listed in subsection (a)(1) through (a)(7), these programs shall be submitted to the department of environmental management, office of air management, on or before June 1, 1987. For sources listed in subsections (a)(8) through (b), these programs shall be submitted to the office of air management on or before February 1, 1988. These programs will be incorporated into the individual source operation permits.

\*\*Copies of the Code of Federal Regulations (CFR) referenced in 326 IAC 15-1 may be obtained from the Government Printing Office, Washington, D.C. 20402 or from the Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015. (Air Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832; filed Mar 28, 1994, 5:00 p.m.: 17 IR 1878)

LSA Document #93-201(F)

Proposed Rule Published: January 1, 1994; 17 IR 857

## Final Rules

Hearing Held: March 10, 1994

Approved by Attorney General: March 23, 1994

Approved by Governor: March 25, 1994

Filed with Secretary of State: March 28, 1994, 5:00 p.m.

Incorporated Documents Filed with Secretary of State: 40 CFR 60, Appendix A, Method 1 - Sample and Velocity Traverses for Stationary Sources; 40 CFR 60, Appendix A, Method 2 - Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube); 40 CFR 60, Appendix A, Method 3 - Gas Analysis for the Determination of Dry Molecular Weight; 40 CFR 60, Appendix A, Method 4 - Determination of Moisture Content in Stack Gases; 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Emissions from Stationary Sources; 40 CFR 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources; 40 CFR 60, Appendix A, Method 12 - Determination of Inorganic Lead Emissions from Stationary Sources; 40 CFR 60, Appendix A, Method 22 - Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares; 40 CFR 60, Appendix B, Performance Specification 1 - Specifications and Test Procedures for Opacity Continuous Emissions Monitoring Systems in Stationary Sources.

### TITLE 410 INDIANA STATE DEPARTMENT OF HEALTH

LSA Document #93-123(F)

#### DIGEST

Adds 410 IAC 1-2.2 to establish a procedure for notification of persons at risk. Adds provisions to establish a confidential registry of persons submitting written requests for the department to notify persons at risk. Effective 30 days after filing with the secretary of state.

#### 410 IAC 1-2.2

SECTION 1. 410 IAC 1-2.2 IS ADDED TO READ AS FOLLOWS:

##### Rule 2.2. Notification of Person at Risk

#### 410 IAC 1-2.2-1 "Carrier" defined

Authority: IC 16-41-7-4

Affected: IC 16-41-7

Sec. 1. As used in this rule, "carrier" means a person infected with human immunodeficiency virus (HIV) or acquired immune deficiency syndrome (AIDS) or tested positive for Hepatitis B surface antigen. (Indiana State Department of Health; 410 IAC 1-2.2-1; filed Mar 21, 1994, 5:00 p.m.: 17 IR 1882)

#### 410 IAC 1-2.2-2 "Department" defined

Authority: IC 16-41-7-4

Affected: IC 16-41-7

Sec. 2. As used in this rule, "department" means the Indiana state department of health. (Indiana State Department of Health; 410 IAC 1-2.2-2; filed Mar 21, 1994, 5:00 p.m.: 17 IR 1882)

#### 410 IAC 1-2.2-3 "High risk activity" defined

Authority: IC 16-41-7-4

Affected: IC 16-41-7

Sec. 3. As used in this rule, "high risk activity" means sexual or needle sharing contact that has been demonstrated epidemiologically to transmit a dangerous communicable disease, such as human immunodeficiency virus (HIV), acquired immune deficiency syndrome (AIDS), or Hepatitis B. (Indiana State Department of Health; 410 IAC 1-2.2-3; filed Mar 21, 1994, 5:00 p.m.: 17 IR 1882)

#### 410 IAC 1-2.2-4 "Person at risk" defined

Authority: IC 16-41-7-4

Affected: IC 16-41-7

Sec. 4. As used in this rule, "person at risk" means an individual who, in the best judgment of a physician, has engaged in high risk activity or is in imminent danger of engaging in high risk activity. (Indiana State Department of Health; 410 IAC 1-2.2-4; filed Mar 21, 1994, 5:00 p.m.: 17 IR 1882)

#### 410 IAC 1-2.2-5 Reports to local health officer

Authority: IC 16-41-7-4

Affected: IC 16-41-7

Sec. 5. (a) If a health officer is notified in writing by a physician of a patient for whom the physician has medical verification that the patient is a carrier, and who, in the best judgment of the physician, is a serious and present danger to the health of others, the health officer shall make an investigation of the carrier to determine whether the environmental conditions surrounding the carrier or the conduct of the carrier requires the intervention by the health officer or designated health official to prevent the spread of disease to others. This investigation shall include the following:

(1) A determination of the environmental conditions or specific conduct of the carrier that pose a risk of spreading the disease.

(2) A determination of the epidemiological significance of the risk of spreading disease caused by the environmental conditions or the conduct of the carrier.

(b) If it is determined, following the investigation, that the condition or conduct warrants further intervention, this

Enclosure 4

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AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Indiana Government Center South  
Conference Center Auditorium  
402 West Washington Street  
Indianapolis, Indiana  
March 10, 1994 1:00 p.m.

Excerpts from above meeting on  
Hearing on Refined Metals

326 IAC 15-1-2 Lead Rules- Marion County

Typewritten transcript of part  
of the proceeding held in the above  
matter taken on March 10, 1994, at  
the above stated address, in  
Indianapolis, Indiana, before Notary  
Public Valerie L. Struble.

ACCURATE REPORTING OF INDIANA  
Wm. F. Daniels, Prop., RPR/CM  
12922 Brighton Avenue  
Carmel, Indiana 46032  
(317) 848-0088

1                   (Excerpts from the Air Pollution  
2                   Control Board Meeting held on March 10,  
3                   1994.)

4                   CHAIRMAN RARIDEN: Thank  
5                   you, Joyce. Next item is rulemaking  
6                   actions. There will be two hearings prior  
7                   to consideration of rules for final  
8                   adoption, 326 IAC 15-1-2, Lead Rules -  
9                   Marion County, and Title V operating  
10                  permits.

11                  The rules as proposed were  
12                  included in the Board packets and are  
13                  available for public inspection at the  
14                  Office of Air Management, 10th Floor  
15                  Monday through Friday, excluding official  
16                  holidays, between the hours of 8:45 a.m.  
17                  and 4:45 p.m.

18                  These rules will be  
19                  considered for final adoption by the Air  
20                  Pollution Control Board at the Board's  
21                  meeting immediately following each  
22                  hearing.

23                  Appearance cards are

1           available for all those who want to be  
2           shown as appearing on the record in this  
3           matter.  If you have not already filled  
4           out a card and wish to speak, please do  
5           so.  Be sure to indicate whether you are  
6           appearing for yourself or on behalf of a  
7           group or organization and identify such  
8           group or organization.  Also note the  
9           capacity in which you appear, such as  
10          attorney, officer, or authorized  
11          spokesperson.  When appearance cards have  
12          been completed, they should be handed to  
13          me and I will include them in the official  
14          record of this hearing.  Oral statements  
15          will be heard but written statements may  
16          also be submitted for the record.  Please  
17          hand any written statements to me if you  
18          wish them included in the record.  If a  
19          prior speaker has given your comment,  
20          please just endorse that statement rather  
21          than repeating the statement.

22                           A written transcript of the  
23          hearing will be made.  The transcript and

1 any written submissions will be open for  
2 public inspection at the Office of Air  
3 Management, 10th Floor, Monday through  
4 Friday, between the hours of 8:45 a.m. and  
5 4:45 p.m. and a copy of the transcript  
6 will be made available to any person upon  
7 the payment of the copying costs.

8 Notice of the time and  
9 place of these hearings was given as  
10 provided by law by publication in the  
11 January and February, 1994, editions of  
12 the Indiana Register.

13 Will the official reporter  
14 designated for these hearings please  
15 stand, raise her right hand and state her  
16 name.

17 (Reporter Sworn.)

18 CHAIRMAN RARIDEN: The  
19 purpose of these hearings is to give all  
20 interested persons an opportunity to  
21 comment on the amendments. Comments  
22 should be directed to the substance of the  
23 proposed regulatory additions. Each

1 individual desiring to make a statement  
2 will be allotted approximately five  
3 minutes to present his or her comments  
4 relating to the proposed rules.  
5 Commentors may request that their comments  
6 be heard in sequence with those of other  
7 commentors. I might add that please use  
8 the microphone down here so that we can  
9 record your comments and testimony.

10 Hearing on Amendments to  
11 326 IAC 15-1-2 -- This is a public hearing  
12 before the Air Pollution Control Board of  
13 the State of Indiana concerning proposed  
14 amendments to the rules of the Board  
15 relating to the final adoption of Lead  
16 Rules for Refined Metals of Marion  
17 County. The proposed amendments are to  
18 Article 15, Title 326 of the Indiana  
19 Administrative Code.

20 The first notice of comment  
21 period was published in the Indiana  
22 Register on June 1, 1993. Emergency  
23 rulemaking on this rule was adopted by the

1 Board at its September meeting. The first  
2 hearing and preliminary adoption of this  
3 rule occurred at the October 6, 1993 Board  
4 meeting. Responses to comments received  
5 during the first comment period, notice of  
6 the second comment period and the draft  
7 rules were published in the Indiana  
8 Register on November 1, 1993. The  
9 emergency rulemaking was extended at the  
10 Board's January meeting.

11 Commentors will be given  
12 approximately five minutes to provide  
13 testimony. If a commentor is requesting  
14 that the Board consider revised rule  
15 language, copies of the revised language  
16 should be available to the Board and to  
17 all others present at the hearing. If a  
18 commentor has previously spoken and would  
19 like to address the revised language, he  
20 or she will be given two to three minutes  
21 to comment on the revised language.

22 I will now introduce  
23 Exhibit A, the rules as preliminarily

1           adopted by the Board into the record of  
2           the hearing.

3                               (Exhibit A entered into the  
4           record.)

5                               CHAIRMAN RARIDEN:   Are  
6           there any questions from the Board?  
7           Anyone in the audience wishing to comment  
8           on the rules?  Thank you.  I have no  
9           cards.  Is there anyone else that would  
10          like to testify?

11                              This hearing on proposed  
12          additions to 326 IAC 15-1-2 is now  
13          concluded.

14                              Would counsel to the Board  
15          please explain the concept of "logical  
16          outgrowth" as it applies to this final  
17          adoption hearing and the statutory  
18          requirements which must be considered by  
19          the Board in rulemaking.

20                              MS. MARTIN:  Thank you, Mr.  
21          Chairman.  I'm not going to discuss  
22          logical outgrowth in terms of this rule,  
23          we'll discuss that in the Title V Rule if

1           there are some comments made. Logical  
2           outgrowth is relating to comments being  
3           made at final adoption hearing.

4                           I will however mention to  
5           the Board that there are some statutory  
6           factors that need to be considered  
7           whenever you're adopting a rule, and these  
8           are in IC 13-7-7-2 which requires the  
9           Board in adopting rules in establishing  
10          standards to take into account all  
11          existing physical conditions and the  
12          character of the area affected, past,  
13          present and probable future uses of the  
14          area; including the character of the  
15          surrounding areas, zoning classifications,  
16          the nature of the existing air quality or  
17          existing water quality as the case may be,  
18          technical feasibility including quality  
19          conditions that could reasonably be  
20          achieved through coordinated control of  
21          all factors affecting the quality and  
22          economic reasonableness of measuring or  
23          reducing any particular type of

1 pollution.

2 The Board should shall also  
3 take into account the right of all persons  
4 to an environment sufficiently  
5 uncontaminated as not to be injurious to  
6 human, plant, animal or aquatic life or to  
7 a reasonable enjoyment of life and  
8 property. Are there any questions?

9 CHAIRMAN RARIDEN: Any  
10 discussion from the Board or any questions  
11 the Board would like to ask to be answered  
12 by staff?

13 I entertain a motion to  
14 adopt the rule as presented.

15 MR. ANDERSON: So moved.

16 MR. BACONE: Second.

17 CHAIRMAN RARIDEN: Mr.  
18 Anderson moves, Mr. Bacone seconds. I  
19 will now call the Board. Mr. Bacone?

20 MR. BACONE: Aye.

21 CHAIRMAN RARIDEN: Mr.  
22 Bacone votes "aye". Mr. Anderson?

23 MR. ANDERSON: Aye.

1                                   CHAIRMAN RARIDEN: Mr.  
2           Anderson votes "aye". Ms. Ebert?  
3                                   MS. EBERT: Aye.  
4                                   CHAIRMAN RARIDEN: Ms.  
5           Ebert votes "aye". Mr. Cundiff?  
6                                   MR. CUNDIFF: Aye.  
7                                   CHAIRMAN RARIDEN: Mr.  
8           Cundiff votes "aye". Mr. Schreiber?  
9                                   MR. SCHREIBER: Aye.  
10                                  CHAIRMAN RARIDEN: Mr.  
11           Schreiber votes "aye". Mr. Stilwell?  
12                                  MR. STILWELL: Aye.  
13                                  CHAIRMAN RARIDEN: Mr.  
14           Stilwell votes "aye". Dr. Miner?  
15                                  DR. MINER: Aye.  
16                                  CHAIRMAN RARIDEN: Dr.  
17           Miner votes "aye". Motion is passed  
18           unanimously. We'll now start the hearing  
19           on the final adoption of rules for Title V  
20           operating permits.  
21  
22  
23

1                   CHAIRMAN RARIDEN: Call the  
2 meeting back from recess. We have an item  
3 on Refined Metals which we need to  
4 clarify.

5                   MS. MARTIN: I need to  
6 reopen the hearing on Refined Metals and  
7 mention three changes and they're all very  
8 minor that are made to that rule.

9                   The first one is at 326 IAC  
10 15-1-2 (a) (1) (I) (ii). This is a change  
11 made to allow submission performance audit  
12 data as part of the quarterly COMS QA  
13 report. The way the rule originally was  
14 written it would allow people to submit  
15 two reports and now they can submit it as  
16 part of their regular quarterly report.

17                   The next change is one made  
18 at EPA's request, and that's at 326 IAC  
19 15-1-2 A-1 K, the following is sentence  
20 being added, "All subsequent stack tests  
21 shall be conducted utilizing the  
22 methodologies of 40 CFR 60, Appendix A,  
23 Methods 1, 2, 3, 4, 5, and 12." Stack

1 tests are not required in this particular  
2 rule, but EPA wanted the inclusion of that  
3 sentence in case stack tests were included  
4 in the future.

5 Final changes are small  
6 editorial style changes suggested by  
7 legislative services. So at this point I  
8 will close that reopened hearing and  
9 request -- see if there is a motion from a  
10 Board member to adopt those amendments.

11 MS. EBERT: I make a motion  
12 that we adopt those amendments.

13 MR. SCHREIBER: Second.

14 CHAIRMAN RARIDEN: Motion  
15 moved by Ms. Ebert and Schreiber seconds.  
16 I'll call the Board. Dr. Miner?

17 DR. MINER: Aye.

18 CHAIRMAN RARIDEN: Dr.  
19 Miner votes "aye". Mr. Stilwell?

20 MR. STILWELL: Aye.

21 CHAIRMAN RARIDEN: Mr.  
22 Stilwell votes "aye". Mr. Schreiber?

23 MR. SCHREIBER: Aye.

1                   CHAIRMAN RARIDEN: Mr.  
2           Schreiber votes "aye". Ms. Ebert?  
3                   MS. EBERT: Aye.  
4                   CHAIRMAN RARIDEN: Ms.  
5           Ebert votes "aye" Mr. Anderson?  
6                   MR. ANDERSON: Aye.  
7                   CHAIRMAN RARIDEN: Mr.  
8           Anderson votes "aye". Mr. Bacone?  
9                   MR. BACONE: Aye.  
10                  CHAIRMAN RARIDEN: Mr.  
11           Bacone votes "aye". Motion is passed.  
12                   I need a motion to adopt  
13           the rule as amended.  
14                   MR. SCHREIBER: So moved.  
15                   CHAIRMAN RARIDEN: Mr.  
16           Schreiber moves.  
17                   DR. MINER: Second.  
18                   CHAIRMAN RARIDEN: Dr.  
19           Miner seconds. And I'll call the Board.  
20           Dr. Miner?  
21                   DR. MINER: Aye.  
22                   CHAIRMAN RARIDEN: Dr.  
23           Miner votes "aye". Mr. Stilwell?

1 MR. STILWELL: Aye.  
2 CHAIRMAN RARIDEN: Mr.  
3 Stilwell votes "aye". Mr. Schreiber?  
4 MR. SCHREIBER: Aye.  
5 CHAIRMAN RARIDEN: Mr.  
6 Schreiber votes "aye". Ms. Ebert?  
7 MS. EBERT: Aye.  
8 CHAIRMAN RARIDEN: Ms.  
9 Ebert votes "aye". Mr. Anderson?  
10 MR. ANDERSON: Aye.  
11 CHAIRMAN RARIDEN: Mr.  
12 Anderson votes "aye". Mr. Bacone?  
13 MR. BACONE: Aye.  
14 CHAIRMAN RARIDEN: Mr.  
15 Bacone votes "aye". Motion is passed  
16 unanimously.  
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1 STATE OF INDIANA )  
 ) SS:  
2 COUNTY OF MARION )

3 CERTIFICATE

4 I, VALERIE L. STRUBLE, the  
undersigned Court Reporter and Notary  
5 Public residing and maintaining offices in  
the City of Indianapolis, Hamilton  
6 County, Indiana, do hereby certify:

7 That at the time and place described  
above in this transcript, I reported to  
8 the best of my ability in machine  
shorthand all of the words spoken by all  
9 parties in attendance during the course of  
the subject proceedings, including  
10 objections, if any, made by all counsel  
present;

11 That I later reduced my shorthand  
notes into the foregoing typewritten  
12 transcript form, which typewritten  
transcript is a true record of the  
13 testimony and/or statements given by those  
individuals indicated herein;

14 That I am not a relative or employee  
15 or attorney or counsel of any of the  
parties, nor am I a relative or an  
16 employee of such attorney or counsel, and  
that I am not financially interested in  
17 this action.

18 IN WITNESS HERETO, I have affixed my  
Notarial Seal and subscribed my signature  
19 below this 11th day of March, 1994.

20 *Valerie L. Struble* /s/  
21

22 Notary Public (Seal)  
23 County of Residence: Hamilton  
My Commission Expires on: October 23,  
1995.

Enclosure 5

# REFINED METALS CORPORATION

OPERATION / MAINTENANCE  
FUGITIVE DUST PROGRAM

## REFINED METALS CORPORATION

## OPERATION AND MAINTENANCE PROGRAM AND FUGITIVE DUST PROGRAM

Operation and Maintenance Program and Fugitive Dust Program. The program is designed to prevent deterioration of control equipment performance and to minimize emissions of lead from fugitive emission points. The program identifies potentially significant lead emission points and describes operation practices and controls designed to reduce lead emissions from those sources. The program also sets forth a fabric filter maintenance guide and an inspection schedule for the fabric filter system. Examples of the equipment daily checklist for baghouses and the blast furnace log sheet are also enclosed herein.

It is anticipated that this program will be subject to periodic review and, when necessary, modifications to the program will be made by Refined Metals Corporation. Any modification to the program which renders the program less stringent shall be approved by IDEM and USEPA. Refined Metals Corporation recognizes that an effective Operation and Maintenance Program and Fugitive Dust Program is important to ensure that its operations do not create emissions which may adversely impact the public health or the environment.

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**POTENTIALLY SIGNIFICANT EMISSION POINTS**

Raw Material Handling and Transfer -	Non-Process
Battery Decasing -	Process
Blast Furnace Smelting -	Process
Charging	
Slag Tapping	
Lead Tapping	
Kettle Alloying/Softening/Refining -	Process
Loading	
Drossing, Lead Removal	
Casting -	Process
Flue Dust Handling and Transfer -	Process
Vehicular Traffic -	Non-Process
Hooding, Ductwork, Control Devices -	Process
Dust Furnace -	Process
Charging	
Slag Tapping	
Material Storage Storage Piles - (See Material Storage Map)	Non Process

Operation Practices

Raw Material Handling and Transfer	Wetting down materials (flue dust and self-generated drosses) via fire hose
Battery Decasing	Wetting down (traffic area) via fire hose
Blast Furnace Smelting	Visual inspection of opacity of stack (daily)
Charging:	Wetting down traffic area via fire hose (daily)
Slag Tapping:	Cooling of pots (minimum 40 minutes) as needed (daily) Visual inspection to avoid excess spilling (daily)
Lead:	Doors kept closed (daily)
Kettle Alloying/ Softening/Refining	Visual inspection of opacity of stack (daily)
Charging:	None Required
Drossing Lead Removal	Visual inspection to avoid excess spilling (daily)
Casting:	Visual inspection of the opacity of stack (daily) Visual inspection to avoid overfilling (daily)
Flue Dust Handling and Transfer	Visual inspection of fugitive emissions (daily) Wetting down via fire hose (daily)
Vehicular Traffic	Paved roads washed down via fire hose (daily)
Hooding, Ductwork, Control Devices	Visual inspections (daily)
Dust Furnace	
Charging:	Visual inspection of conveying system (daily)
Slag Tapping:	Cooling of pots (minimum 40 minutes) as needed (daily) Visual inspection to avoid excess spilling (daily)

Operation Controls

Raw Material Handling and Transfer	Enclosed building with concrete floor
Blast Furnace Smelting	
Baghouse:	Maintain proper temperature (210°F) and pressure level (not to exceed 10" in each cell)
Ventilated Hoods:	Visual Inspection (daily)
Kettle Alloying/Softening/Casting/Refining	
Baghouse (M3):	Maintain ambient temperature Maintain proper pressure level (not to exceed 10" in each cell)
Ventilated Hopper:	Visual Inspection (daily) (not to exceed 10" in each cell)
Flue Dust Handling and Transfer	Dust conveyed through covered auger to enclosed bin
Vehicular Traffic	All storage, vehicular traffic and production areas paved
Blast Furnace/Sanitary	
Baghouse (M2):	Maintain proper pressure level (not to exceed 10" in each cell)
Ventilated Hoods:	Maintain ambient temperature Visual Inspection (daily)

## FABRIC FILTER OPERATION AND MAINTENANCE GUIDE

Symptom	Cause	Remedy
Dirty discharge at stack	Bags leaking	Replace bags Tie off bags and replace at a later date Isolate leaking compartment if allowable without upsetting system
	Bag clamps not sealing	Check and tighten clamps Smooth out cloth under clamp and reclamp
	Failure of seals in joints at clean/dirty air connection	Caulk and tighten clamps Smooth out cloth under clamp and reclamp
	Insufficient filter cake	Allow more dust to build up on bags by cleaning less frequently Use a precoating of dust on bags
High baghouse pressure drop	Bag cleaning mechanism not adjusted properly	Increase cleaning frequency Clean for longer duration Clean for more vigorously (must check with manufacturer before implementing)
	Shaking not vigorous	Increase shaker speed
	Isolation damper valves not closing	Check linkage Check seals Check air supply of pneumatic operators
	Isolation damper valves not opening	Check linkage Check air supply of pneumatic operators
	Bag tension too loose	Tighten bags

Symptom	Cause	Remedy
	Cleaning time failure	Check to see if timer is indexing to all contacts Check output on all terminals
	Not capable of removing dust from bags	Replace bags
	Incorrect pressure reading	Clean out pressure taps Check hoses for leaks Check diaphragm in gauge
High bag failure: wearing out	Shaking too violent	Slow down shaking mechanism (consult manufacturer)
High bag failure: burning	Failure of cooling device	Review design and work with manufacturer

# REFINED METALS

## MAINTENANCE INSPECTION SCHEDULE

### FABRIC FILTRATION SYSTEM

INSPECTION FREQUENCY	COMPONENT	PROCEDURE
4 HOURS	STACK	CHECK EXHAUST FOR VISIBLE OPACITY
DAILY	MANOMETERS	CHECK AND RECORD PRESSURE READINGS
DAILY	COMPRESSED AIR SYSTEM	CHECK LINE PRESSURE CHECK VALVES
DAILY	COLLECTOR	CHECK ALL INDICATORS CHECK SEQUENCER
DAILY	DAMPER VALVES	CHECK ALL DAMPERS FOR PROPER OPERATION
DAILY	AUGERS	CHECK FOR JAMMING, LEAKAGE, BROKEN PARTS, WEAR, ETC.
DAILY	DUST REMOVAL SYSTEM	ENSURE DUST IS BEING REMOVED FROM SYSTEM
WEEKLY	FILTER BAGS	CHECK FOR WEAR, HOLES, PROPER TENSION, CAKE
DAILY	CLEANING SYSTEM	CHECK SEQUENCE AND CYCLE TIMES
DAILY	SHAKERS	INSPECT FOR PROPER OPERATION

### MANOMETER READINGS

DATE ----- TIME ----- OPERATOR -----

M-1 BAGHOUSE INLET		DROP.....
OUTLET		
M-2 BAGHOUSE INLET		DROP.....
OUTLET		
M-3 BAGHOUSE INLET		DROP.....
OUTLET		
M-4 BAGHOUSE INLET		DROP.....
OUTLET		

VISUAL INSPECTION OF POTENTIAL EMISSION POINTS

P. 12

MAY - 4 - 194 WED 10:56 REC BEECH GROVE

DATE:	9 A.M.	1 P.M.	5 P.M.	9 P.M.	1 A.M.	5 A.M.
	M-1 STACK	VISUAL				
	OPACITY METER					
M-2 STACK						
M-3 STACK						
M-4 STACK	VISUAL					
	OPACITY METER					
HOOD ABOVE SKIP HOIST						
TAPPING BLOCK						
DUST FURNACE						

SUPERVISORS:

1st

2nd

3rd

COMMENTS:

\_\_\_\_\_

\_\_\_\_\_

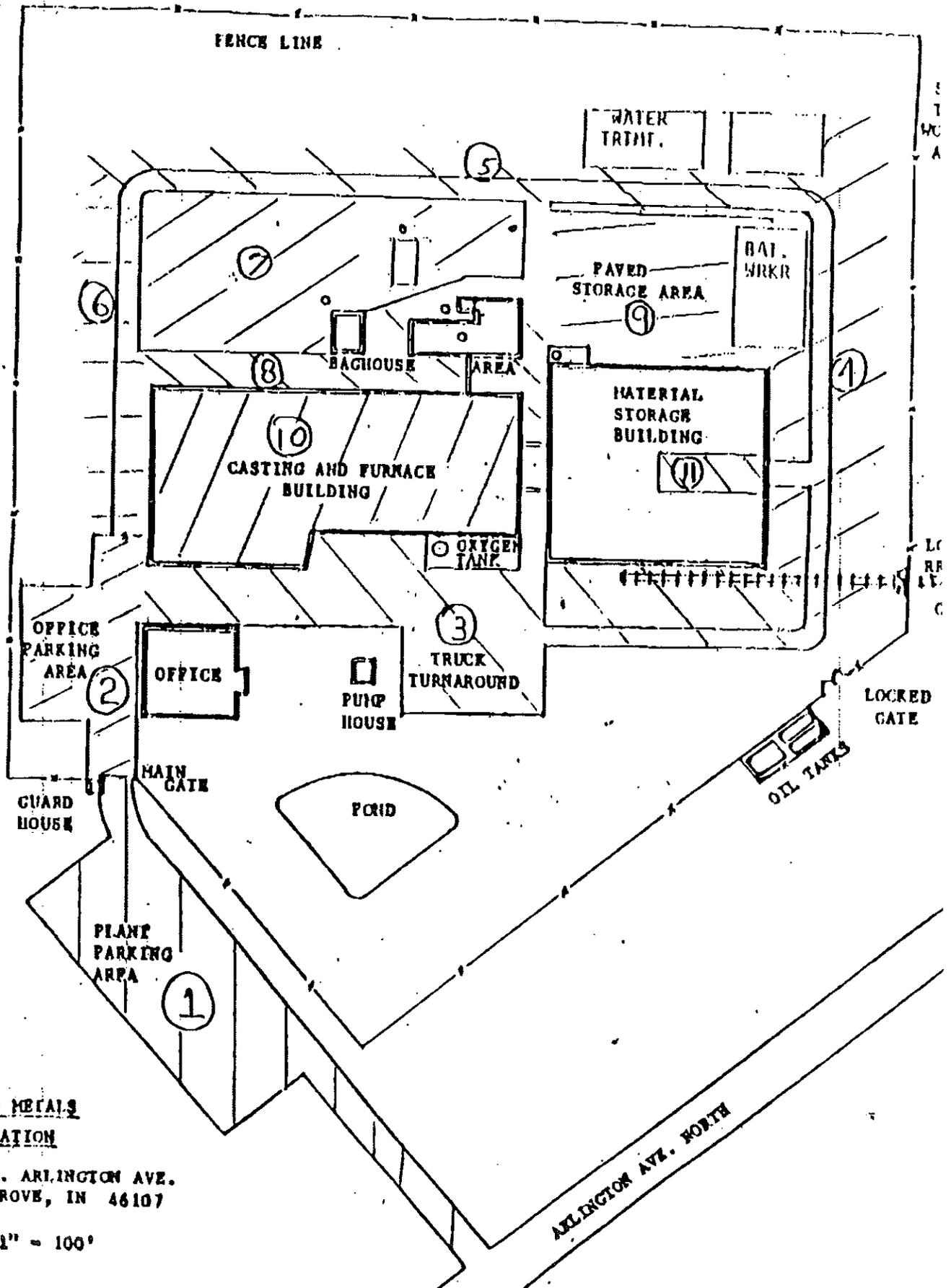
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SWEPPER DAILY ACTIVITIES MAP  
AREAS 1-11



**REFINED METALS  
CORPORATION**

3700 S. ARLINGTON AVE.  
BEECH GROVE, IN 46107

SCALE 1" = 100'

DAILY SWEEPER CHECKSHEET

OPERATOR \_\_\_\_\_ DATE \_\_\_\_\_

AREAS SWEEPED                      Y/N                      (IF NO STATE REASON)

AREA 1                                      \_\_\_\_\_

AREA 2                                      \_\_\_\_\_

AREA 3                                      \_\_\_\_\_

AREA 4                                      \_\_\_\_\_

AREA 5                                      \_\_\_\_\_

AREA 6                                      \_\_\_\_\_

AREA 7                                      \_\_\_\_\_

AREA 8                                      \_\_\_\_\_

AREA 9                                      \_\_\_\_\_

AREA 10                                      \_\_\_\_\_

AREA 11                                      \_\_\_\_\_

COMMENTS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



REFINED METALS CORPORATION  
SPILL CONTROL PROCEDURES

DESCRIPTION:

The purpose of Spill Control is to quickly clean-up any spills of bagdust, kettle drosses, incoming factory scrap wet or dry. To assure that no harm is done to the environment. Procedures cover spills occurring during rain, snow or dry weather.

RESPONSIBILITY:

The line supervisor is to coordinate manpower of existing people to assure a quick and efficient spill clean-up control.

CONTROL MATERIALS:

1. Sand; lime; limestone; soda ash; sawdust; oil booms; and oil and acid pads.
2. Endloaders; shovels; drums; and skid hopper.

DISPOSAL:

All cleaned-up materials will be taken to material bin for processing to the blast furnace.

PROCEDURE:

1. If material is wet (non-acid) cover with sand and/or sawdust to dry. Shovel or scoop-up and put into drum or hopper. Move to material bin for processing.
2. If material is wet (acid), cover with soda ash or lime to dry. Shovel-up and put into drum or hopper. Move to material bin for processing.
3. If material is dry, dampen spilled material to hold down dust. Shovel or scoop-up and place in hopper or drum and transfer to material bins for processing.

PROTECTIVE EQUIPMENT:

1. Full-face respirator with proper filter, GMH-C (MSA).
2. Rubber gloves, PVC 14".
3. Boots or safety shoes.
4. Hard hat.
5. Supplied coveralls.

OUTSIDE HELP,

If spill should leave our property or we would lose control, IMMEDIATELY call 782-4942, Beech Grove Fire Department, Mr. James Bright, Deputy Chief. They are our outside hazardous control coordinator. Again, This call must be made as soon as it is determined that a spill has left our property or is out of control.

If injuries should occur, notify St. Francis Occupational Health Center, Mrs. Eleanor Bachman. They will coordinate care for medical emergency with St. Francis Hospital. CALL 782-3009.

Both the Fire Department and Occupational Health Center have our Material Safety Data Sheets on file.

Notification should also be made within one hour to:

Mr. Phillip Powers, Environmental Management Department  
Emergency Response - 243-6168.

Mr. Michael Johnson, Deputy Chief, Beech Grove Police  
Department - 782-4940.

NOTICE TO DRIVERS

IN AN EFFORT TO REDUCE LEAD EMISSIONS AND TO PROVIDE SAFETY TO EMPLOYEES AND DRIVERS, THE FOLLOWING RULES MUST BE OBSERVED.

1. THERE IS A STRICT 5 M.P.H. SPEED LIMIT IN EFFECT ON ALL COMPANY PROPERTY.
2. THE PARKING AREA OPPOSITE THE SCALES IS NOT TO BE USED AS A TURN AROUND AREA. PLEASE USE THE DRIVE OUTSIDE THE MAIN GATE.
3. AFTER UNLOADING, PLEASE WAIT FOR CLEARANCE INSTRUCTIONS FROM PLANT PERSONNEL. BE SURE THAT ALL EMPLOYEES AND EQUIPMENT HAVE BEEN REMOVED FROM THE BACK OF YOUR TRUCK.
4. ALL PERSONS UNDER 18 YEARS OF AGE MUST STAY IN THE SCALE ROOM. THEY MAY NOT GO BACK WITH THE TRUCK.
5. DRIVERS ARE ONLY ALLOWED IN THE SHIPPING OFFICE AND DOCK AREAS OF THE PLANT. YOU MAY NOT WANDER INTO OTHER AREAS OF THE PLANT.
6. ALL TRUCKS MUST PASS THROUGH THE TRUCK WASH BEFORE LEAVING THE PLANT.

I HAVE READ AND AGREE TO ABIDE BY THE ABOVE RULES

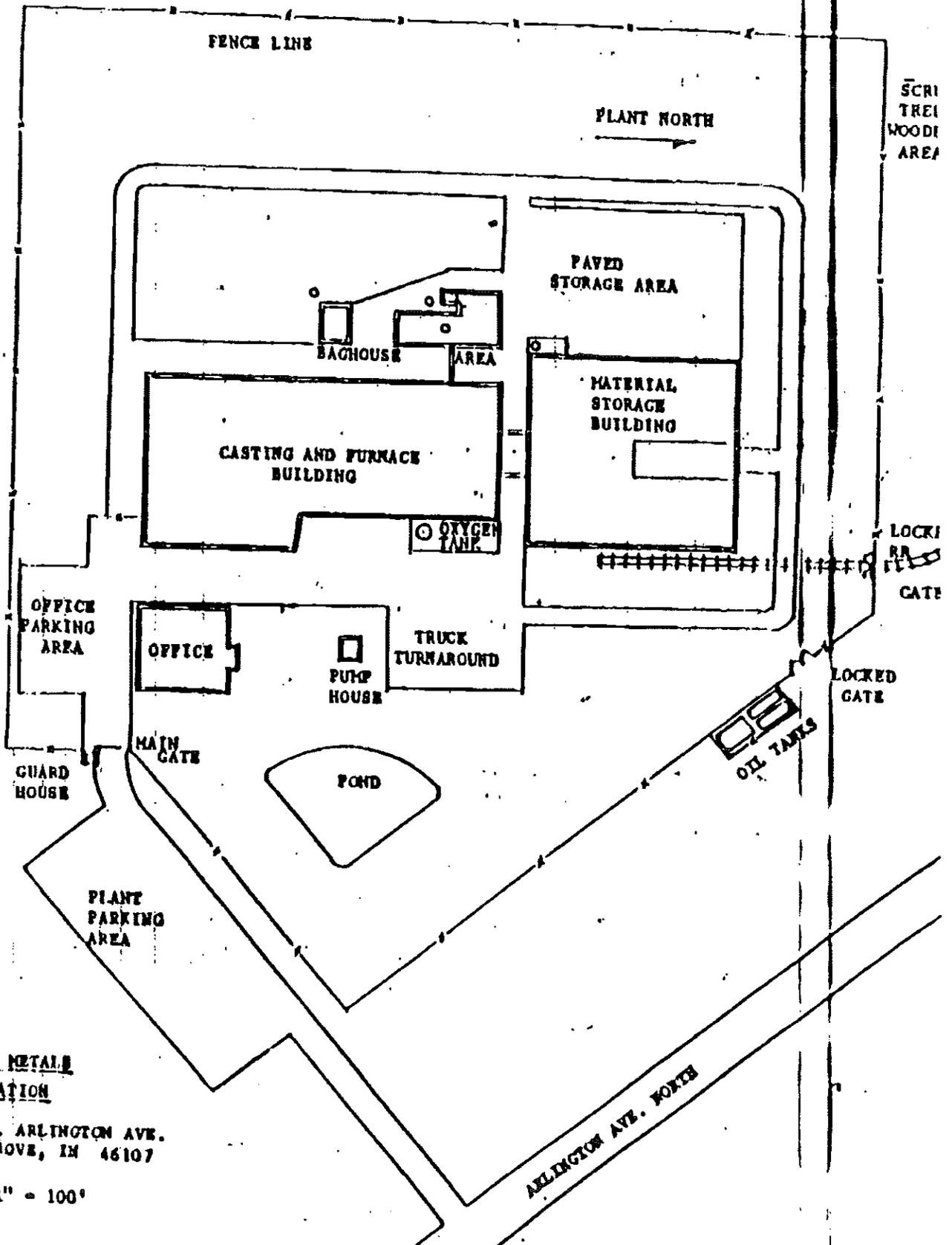
SIGNED \_\_\_\_\_ DATE \_\_\_\_\_

## ATTACHMENT I (REVISED 03/15/93)

OPERATION AND MAINTENANCE PROGRAM  
AND FUGITIVE DUST PROGRAM

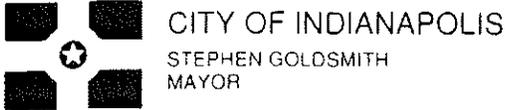
1. Specific Scheduling for Visual Inspection of Operations
  - A. Every 4 Hours
    - Blast furnace smelting - M-1, M-2, M-4 stack opacity
    - Kettle Alloying/Refining - M-3 stack opacity
    - Casting - M-3 stack opacity
    - Hooding, Ductwork, Control Devices
    - Dust furnace charging - conveying system operation
  - B. Continuous (no written record necessary)
    - Blast furnace slag tapping - (to avoid excess spillage)
    - Kettle drossing - (to avoid spillage)
    - Casting - (to avoid overfilling molds)
    - Dust furnace slag tapping - (to avoid spillage)
2. Control Equipment
  - A. M-1 Baghouse:
    - Blast furnace process, dust furnace process
  - B. M-2 Baghouse:
    - Blast furnace charging, lead tap, slag tap, dust furnace charging and slag tap, slag cooling
  - C. M-3 Baghouse:
    - Refining kettles and casting operations
  - D. M-4 Baghouse:
    - Blast furnace / Dust furnace building
3. Materials containing > 1% Pb by weight < 200 mesh size
  - A. Flue dust (collected from baghouse operations)
  - B. Dross (collected from refining operations)
4. Personnel Responsible for Inspection / Maintenance
  - A. Process equipment - Equipment Operators and Supervisors
  - B. Baghouses - Baghouse Operators and Supervisor

ATTACHMENT II



REFINED METALS  
CORPORATION  
 3700 S. ARLINGTON AVE.  
 BEECH GROVE, IN 46107  
 SCALE 1" = 100'

Enclosure 6



April 28, 1994

Mr. Timothy J. Method  
Assistant Commissioner  
Office of Air Management  
Indiana Department of Environmental Management  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015

Dear Mr. Method:

Pursuant to your request that we received on April 11, 1994, the Indianapolis Air Pollution Control Section (IAPCS) has completed an emissions inventory for the Marion County lead nonattainment area which is bounded by Troy Avenue on the north, Five Points Road on the east, Thompson Road on the south, and Emerson Avenue on the west.

On April 13, 1994, IAPCS conducted a door-to-door inventory of all service and manufacturing industries in the area. Please find attached a comprehensive list of the sources inspected. Only Refined Metals Corporation, 3700 South Arlington Avenue, was identified as a source that emits lead into the ambient air. The inventory does not include gasoline service stations. As a result of Federal regulations concerning lead in gasoline, we believe that the lead emitted would be insignificant.

If you need additional information or have any questions concerning the inventory, please contact Cheryl Carlson, Enforcement Manager, at 327-2281.

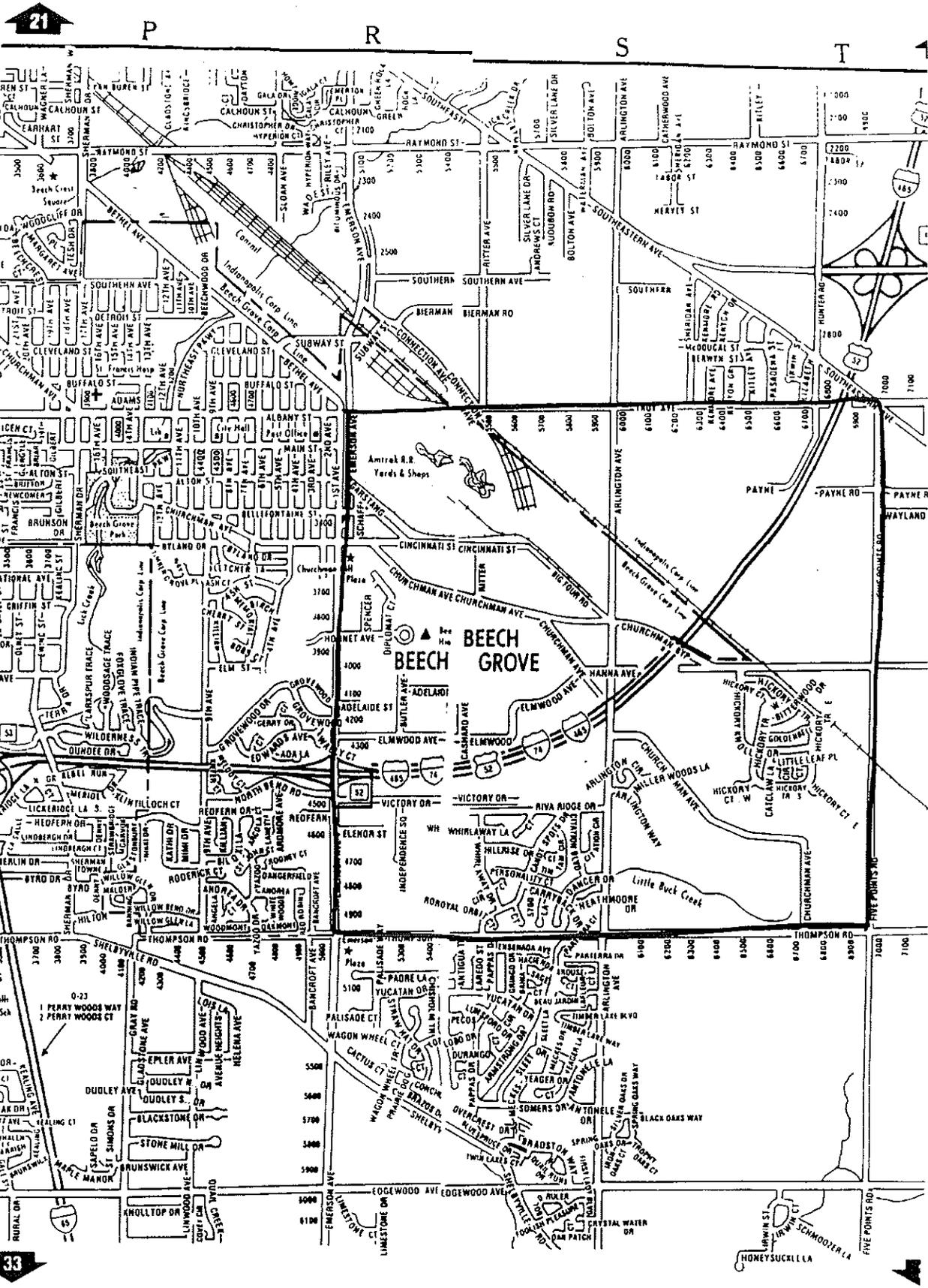
Sincerely,

A handwritten signature in cursive script that reads "Robert Holm".

Robert Holm, Ph. D.  
Administrator

RH:clc

cc: Cheryl Carlson, Enforcement Manager  
Richard Martin, Engineering/Planning Manager  
Winter Bottum, Local Agency Liaison, OAM, IDEM



## LEAD SIP INVENTORY

## MARION COUNTY NON-ATTAINMENT AREA

April 13, 1994

COMPANY	ADDRESS	DESCRIPTION OF ACTIVITIES PERFORMED	QUANTITY OF LEAD PROCESSED
L&L Engineering	4925 Subway	Design & fabricate engine parts (gauges, tools, jigs, dies & fixtures)	None
MasterSet	5802 Churchman Ave.	Assembly of parts	None
Beech Grove Wood Sash & Frame	5858 Churchman Ave.	Manufactures doors & frames	None
Home Remodelling	5245 Elmwood Ave.	Builds porches, decks & home additions	None
Bellkins, Inc.	5219 Elmwood Ave.	Sheet metal fabricating	None
F. J. Model & Engineering, Inc.	5235 Elmwood Ave.	Design & fabrication of wood prototypes	None
Christian Management Group	5235 Elmwood Ave.	Packaging & Shipping	None
Investment Management & Research	5235 Elmwood Ave.	Brokerage retail	None
Supreme, Inc.	5715 Churchman Ave., Suite A	Food brokerage	None
Jensen Designs	5715 Churchman Ave., Suite B	Graphic designs - computer	None
Carbide Cutting Tools	5403 Elmwood Ave.	Distributor of cutting tools	None
Garco	5401 Elmwood Ave.	Retail - Lawn Mowers	None
Precision Rubber Plate	5620 Elmwood Ave.	Flexographic Printers	Some lead plates on site (1400 lbs.-), but no longer in use, stored on-site
Whitewater Building Products, Inc.	5570 Elmwood Ave.	Distributor of Building Products	None
Landis Painting	5240 Elmwood Ave.	Commercial & Industrial Painting Contractor	None
Reback	5228 Elmwood Ave.	Physical Therapy	None
Lenzer Systems, Inc.	5230 Elmwood Ave.	Color separations	None
Krukmeier Machine & Tool, Inc.	4949 Subway	Tool & Dye Shop	None
Alro Steel	5620 Churchman Ave.	Steel warehouse & distributor	None
Electrical Enterprises	5812 Churchman Ave.	Electrical contractor	None
Mid Indiana Service Co., Inc.	5715 Churchman Ave., Suite D	Petroleum equipment contracting - remediation services	None
Alcon	5715 Churchman Ave., Suite C	Commercial Construction Contractor	None
Maddox Heating & Air Conditioning	5890 Churchman Ave.	HVAC Contractor	None
Airline Fasteners	5220 Elmwood Ave.	Distributor of nails & staples	None
Milgray	5226 Elmwood Ave.	Distributor of electronic components	None
Applied Instruments	5234 Elmwood Ave.	Electronic Manufacturing	None
Cash Register Systems	5621 Elmwood Ave.	Sale & Service of Cash Registers	None
Wire Supplies, Inc.	5620 Elmwood Court	Wire Distributor	None

## LEAD SIP INVENTORY

## MARION COUNTY NON-ATTAINMENT AREA

April 13, 1994

COMPANY	ADDRESS	DESCRIPTION OF ACTIVITIES PERFORMED	QUANTITY OF LEAD PROCESSED
M&M Auto, Inc.	3024 S. Five Points Rd.	Auto Repair Shop	None
Elmco Engineering	6107 East Churchmen Bypass	Machining	None
Corsi Cabinetry	6111 East Churchmen Bypass	Custom Cabinetry	None
Numerical Productions	3901 S. Arlington Ave.	Machine Shop	None
National City Bank - Indiana	6120 East Churchmen Bypass	Printing, Warehouse & Shipping	None
IMC Corp.	6136 E. Hanna Ave.	Precision Metal Fabrication & Machining	None
Joachim Machinery	4555, 4616 & 4627 S. Independence Square	Machine Shop	None
K&R Tool Rental	5328 Victory Dr.	Tool Rental	None
Accessibility Products	4855 S. Emerson Ave.	Wheel Chairs	None
J.C. Electric & Alarm	4723 S. Emerson Ave.	Electrical contractor & Alarm Installers	None
Glenn Earles Body Shop	4002 S. Arlington Ave.	Body Shop	Small quantity of lead-based paint
AHTRAK (National Passenger Railroad)	202 Garstang St.	Railroad car repair	No lead-based paints used
Firestone	3525 S. Arlington Ave.	Manufacture of asphaltic roofing materials	None
Haveitek	5808 East Churchmen Bypass	Assembly of electronic test and measurement equipment	Soldering of computer components (19 lbs. of lead used/wk. Insufficient emissions.
Westvaco - U.S. Envelope	6302 East Churchmen Bypass	Manufacture of envelopes	None
Farm Fans	5900 Elmwood Ave.	Fabricate farm fans	None
Poster Display	5650 Elmwood Ave.	Printer	None

Rec 4/26/94

INDIANAPOLIS AIR POLLUTION CONTROL SECTION  
PRE-INSPECTION QUESTIONNAIRE  
TELEPHONE 317/327-2264

Company Name WAVENIX COMMUNICATIONS DIVISION Date 4/22/94

Mailing Address 5808 Churchman Bypass, Indianapolis, IN, 46203

Plant Location Same

Person In Charge of Environmental Affairs Stephen M. Zug

Title Human Resources Manager Phone 317-788-9351

What Does Your Company Manufacture, Produce, Store, Recycle, Etc.

Electronic Test & Measurement Equipment

Describe Your Company's General Process

- Light manufacturing
- Assembly of parts; components stuffed in boards (PC Boards)
- Boards assembled to units & tested.
- Soldering required, board cleaning required, small machine shop.

No. of Employees at This Location ~180

Normal Plant Operating Time 7:00 a.m. to 5:00 p.m.

No. Days/Week 5 No. of Shifts 1

I hereby certify that the information contained in this pre-inspection survey report is completed and accurate to the best of my knowledge.

The filing of such information is mandated by Federal, State and Local Air Pollution Legislation. Violation of this mandate through omission or false information may be subject to penalty.

Submitted by: Stephen M. Zug

Signature by: Stephen M. Zug

Title Human Resources Manager

Phone (317) 788-9351

I. Fuel Burning Equipment - used for space heating, steam and hot water, or power generation. Please list each unit by boiler type or manufacturer. NONE

Unit Designation	#1	#2	#3
Description	/	/	/
Max Design BTU Rating (or H.P)	/	/	/
Type of Fuel	/	/	/
Sulfur Content	/	/	/
Annual Fuel Usage for 19	/	/	/

II. Incineration (if trash is hauled away, please so note)  
NONE

Incinerator Manufacturer: N/A

Waste Type (i.e. paper, cardboard, plastics, etc): \_\_\_\_\_

Does Incinerator have Auxiliary Burners: \_\_\_\_\_

Approximate Amount Incinerated Per Week: \_\_\_\_\_

III. Manufacturing and Process Equipment:

A. Hydrocarbon Sources: List all acids, paints, solvents, thinners and materials containing solvents involved in cleaning, degreasing, maintenance, painting, processes, etc. If none is used, mark "None".

Explicit Chemical Name	Supplier Name/Address	Application (or purposes)	Consumed Per Week
CAT-L-INK	DEXTER; 15051 DanJulian Road, Industry CA, 91749	Silk Screening	<1 pt. /wk
RE-182 <del>ink</del> Screen Ink Retarder	MoZ-Dav; 108 + N. North Branch St., Chicago, IL 60622	Clean Silk Screen	1/2 gal /wk
Thinner Blend Solvent LS-666	Van, Wabers + Rogers; 1425 E. 30th St., M.D., IL 46267	Clean Silk Screen Tool	1/2 gal /wk
Krylon Interior/Exterior Paint	Borden; 180 East Broad St. Columbus, OH 43215	Paint Small Components	3 - (12oz) Cans /wk
Krylon Sandable Primer	Borden; " "	Prime Small Components	3 - (12oz) Cans /wk
Solder (all consumed in process)	Kestor; 515 E. TOMMY AVE. Des Plaines, IL 60018	Wave Solder Printed Circuit Board	12 - (143lb) Bar /wk
Solder Flux	Kestor; " "	" " "	1 gal /wk

Isopropyl alcohol      Mays Chemical; 7760 E. 87th St.      " " "      8 to 10 gal /wk  
Indpls, IL 46256



IV. LOCATION AND PLOT PLAN

Company Name Univtek Communications Division

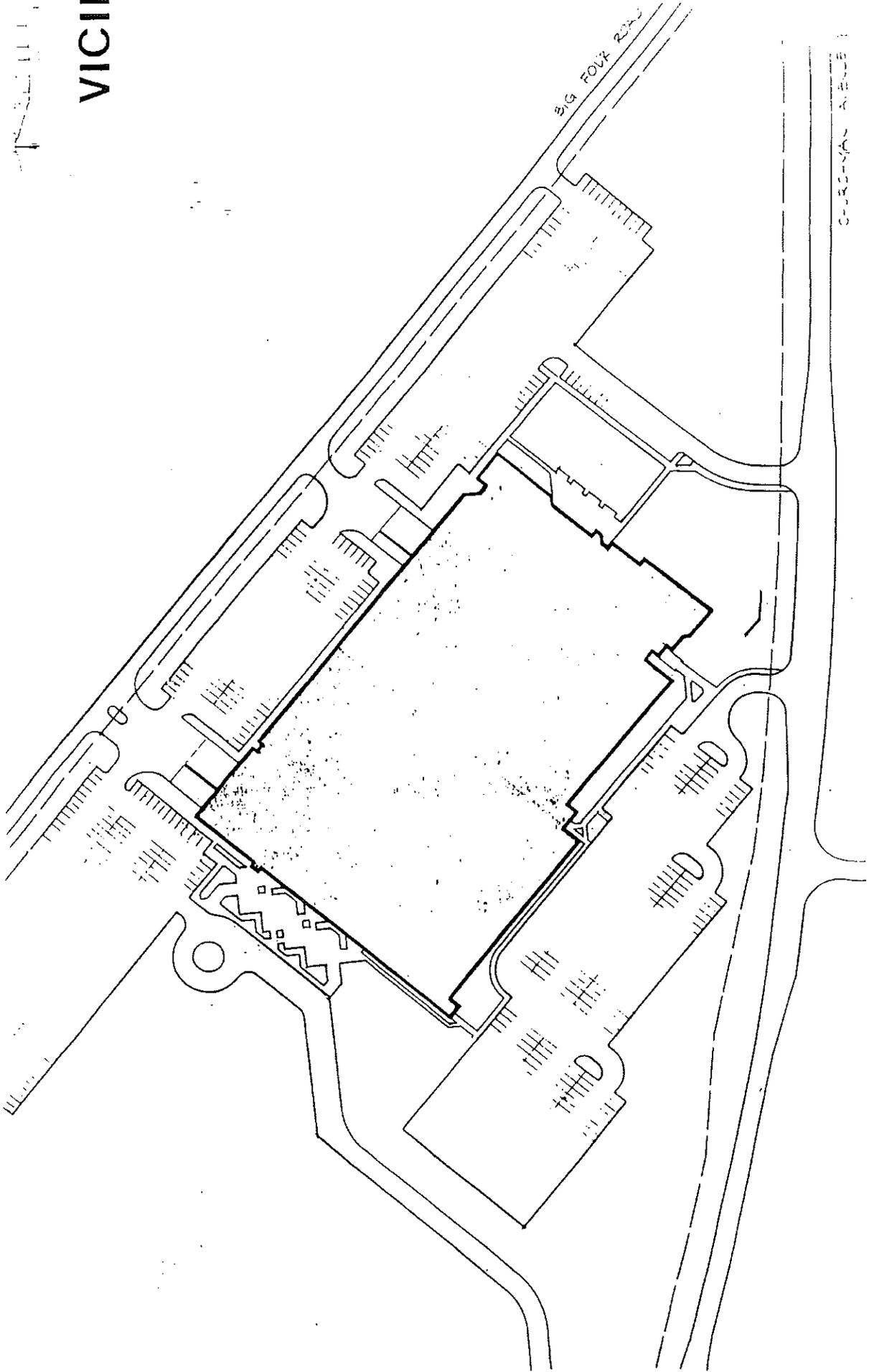
Plant Address S808 Churubussum Bypass, Indpls, IN ZIP 46203

Identify your business in relation to nearby street, roads or buildings. Show <sup>no stacks</sup> stacks and other sources of emissions. Identify stacks by the same number used in the Emission Point Identification per Section III. C., Page 3.

**IMPORTANT:** Please use a company prepared plot plan, if you have one available. It would be more accurate and useful than a drawing in the area below.

A large grid for a plot plan. In the upper-left quadrant, the text "Copy attached" is handwritten and circled with a hand-drawn oval.

# VICIN



INDIANAPOLIS AIR POLLUTION CONTROL SECTION  
PRE-INSPECTION QUESTIONNAIRE  
TELEPHONE 317/327-2264

Company Name EXOTIC METAL TREATING INC Date 4-14-94

Mailing Address 6234 E. HANNA AV INDY., IN 46203

Plant Location 6234 E. HANNA AV

Person In Charge of Environmental Affairs KEITH A. SUSKO

Title QUALITY CONTROL MANAGER Phone 784-8565

What Does Your Company Manufacture, Produce, Store, Recycle, Etc.  
PROVIDE HEAT TREATING & FURNACE BRAZING SERVICE FOR THE  
AEROSPACE INDUSTRY

Describe Your Company's General Process OTHER COMPANIES SENDS US PARTS  
TO HEAT TREAT OR FURNACE BRAZE. THEIR PARTS MUST BE CLEANED PRIOR TO SHIPPING  
TO EXOTIC FOR PROCESSING - WE HAVE NO CLEANING FACILITIES & DON'T WANT ANY. ALL  
PARTS HAVE TO BE KEPT IN A CLEAN ENVIRONMENT, WE HAVE A CLEAN SHOP WITH NO OILS, OR  
GREASE. PARTS ARE PROCESSED IN A NATURAL GAS FURNACE OR VACUUM FURNACE, & ELECTRIC, WITH  
ONLY AIR COOL PARTS NO OIL OR WATER QUENCHING IS PERFORMED BY US. WE DON'T LIKE CHEMICAL  
No. of Employees at This Location 9 USAGE IS VERY MINIMAL

Normal Plant Operating Time 16 - 24 HOURS a.m. to \_\_\_\_\_ p.m.

No. Days/Week 5 No. of Shifts 3

I hereby certify that the information contained in this pre-inspection survey report is completed and accurate to the best of my knowledge.

The filing of such information is mandated by Federal, State and Local Air Pollution Legislation. Violation of this mandate through omission or false information may be subject to penalty.

Submitted by KATHY SUSKO

Signature *Kathy Susko*

Title OFFICE MANAGER

Phone 784-8565

I. Fuel Burning Equipment - used for space heating, steam and hot water, or power generation. Please list each unit by boiler type or manufacturer.

Unit Designation	#1	#2	#3
Description	NONE		
Max Design BTU Rating (or H.P)			
Type of Fuel			
Sulfur Content			
Annual Fuel Usage for 19			

II. Incineration (if trash is hauled away, please so note)

Incinerator Manufacturer: HAVE TRASH PICKUP

Waste Type (i.e. paper, cardboard, plastics, etc): PAPER, CARDBOARD, TRASH

Does Incinerator have Auxiliary Burners: N/A

Approximate Amount Incinerated Per Week: N/A

III. Manufacturing and Process Equipment:

A. Hydrocarbon Sources: List all acids, paints, solvents, thinners and materials containing solvents involved in cleaning, degreasing, maintenance, painting, processes, etc. If none is used, mark "None".

Explicit Chemical Name	Supplier Name/Address	Application (or purposes)	Consumed Per Week
GASOLINE	SPEEDWAY	FORKLIFT	2 GAL.
ACETONE	SUPERIOR SOLVENTS	CLEANING	5 OUNCES

B. Fuel Fired Processes (such as bake ovens, annealing furnace, furnace, heated dip tanks, etc.)

Description *	Operating Schedule (Hrs/Wk)	Fuel Type & Grade	BTU Rating	Production Rate (lb/Hr or Units/Hr)	
PIT FURNACE #1	* 15	NATURAL GAS	1.1MIL.	BATCH	(LOT BY LO
PIT FURNACE #2	* 10	NATURAL GAS	1.1MIL.	BATCH	" "
PIT FURNACE #3	* 4	NATURAL GAS	3.8MIL.	BATCH	" "
PIT FURNACE #4	*	NATURAL GAS	5.0MIL.	BATCH	" "
ELECTRIC FURNACE	* 4	ELECTRIC	--	BATCH	" "
VACUUM FURNACE #1	* 8	ELECTRIC	--	BATCH	" "
VACUUM FURNACE #2	* 4	ELECTRIC	--	BATCH	" "
VACUUM FURNACE #3	* 15	ELECTRIC	--	BATCH	" "

\*AS NEEDED BASIS-(0 TO 40 HOURS/WEEK)

C. Dust and Particulate Sources: Metal Finishing Operations (as grinding, sandblasting, polishing, etc.) or other Sources of Dust Emissions (as grain handling, woodworking, etc.)

Description *	Operating Schedule (Hrs/Wk)	Production Rate (lb/hr or Units/Hr)
NONE		

\* Include stack identification number (Emission Point Identification) for location and plot plan on Section IV.,

IV. LOCATION AND PLOT PLAN

Company Name EXOTIC METAL TREATING INC

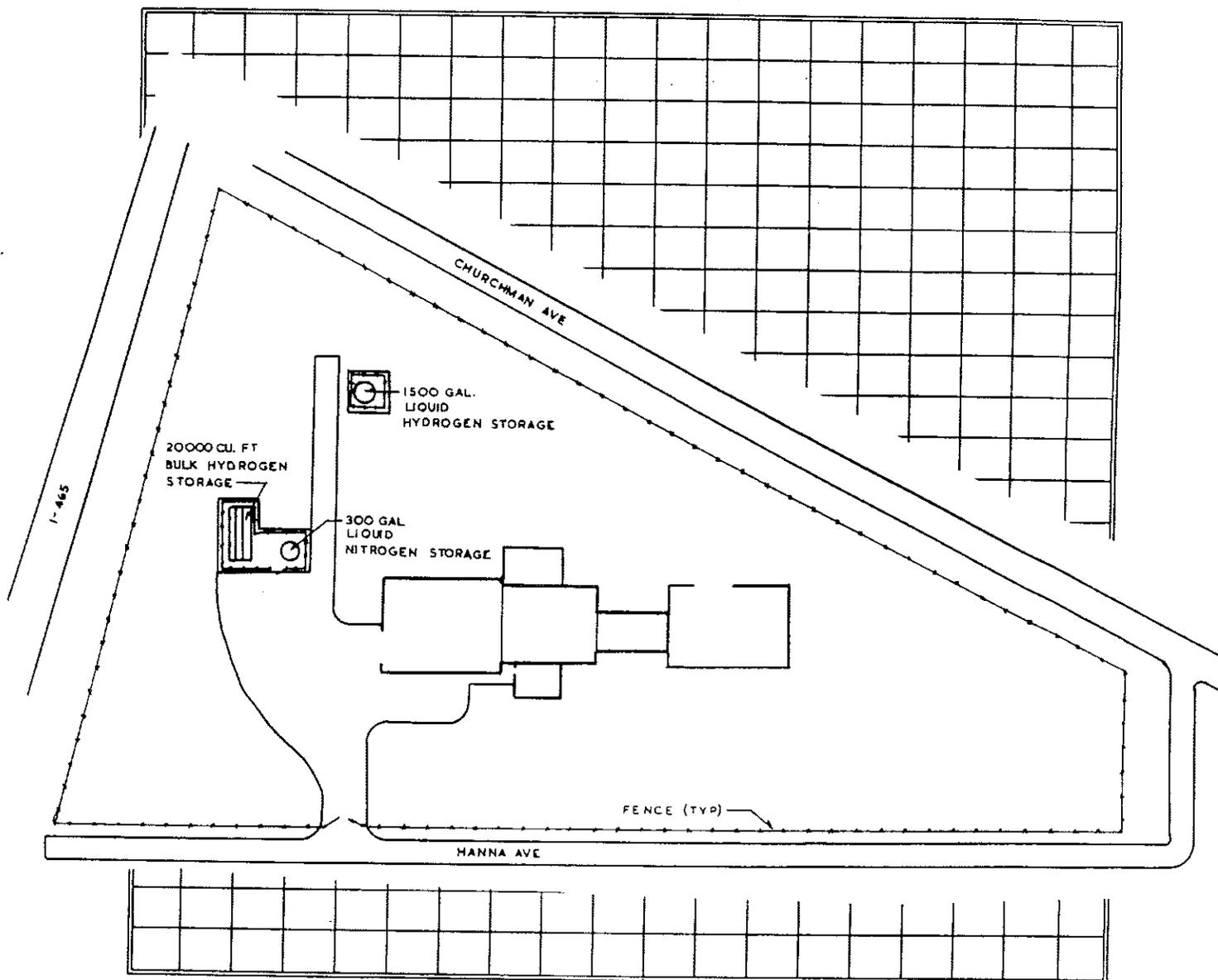
Plant Address 6234 E. HANNA AV

ZIP 46203

Identify your business in relation to nearby street, roads or buildings. Show stacks and other sources of emissions. Identify stacks by the same number used in the Emission Point Identification per Section III. C., Page 3.

NONE

IMPORTANT: Please use a company prepared plot plan, if you have one available. It would be more accurate and useful than a drawing in the area below.



1994 Lead SIP Inventory

Company: Bellkins Inc

Address: 5219 Elmwood

Contact: Norm Beal Larry Jenkins (owner)

Description of Activities Performed: Sheet metal

fabricating shop & Travel agency

Any lead processed (if yes, please quantify): None

Company: J. W. Model & Engineering, Inc - Christian Management

Address: 5235 Elmwood GROUP

Contact: Pam Vanderbrar - F&G

Description of Activities Performed: Builds woodie - Kimmel Shoe Repair

prototype models - Group Ins. Providers

- The Chappel Company

Any lead processed (if yes, please quantify): None

Date: April 13, 1994

Inspector: Bonnie Stee

1994 Lead SIP Inventory

Company: L & L Engineering

Address: 4925 Subway

Contact: Jerry Peter Storer

Description of Activities Performed: Promotional Products  
signs, stickers, pens, pens & fixtures, ENGINE  
Parts, filing

Any lead processed (if yes, please quantify): NONE

Company: Master Set

Address: 5802 Churchman

Contact: Tommy Trent Brian Berry (Owner)

Description of Activities Performed: Assemble parts,  
ponder activated; parts for tools & nails

Any lead processed (if yes, please quantify): NONE

Date: April 13, 1994

Inspector: Bonnie Hunt

1994 Lead SIP Inventory

Company: Brock Creek Wood Sash & Frame

Address: 5858 Churchman

Contact: Plot 4 Gurn

Description of Activities Performed: Manufacture of sash  
frames

Any lead processed (if yes, please quantify): None

Company: Home Remodeling

Address: 5245 Elmwood

Contact: Kathy Alltop

Description of Activities Performed: Porches, decks,  
room additions,

Any lead processed (if yes, please quantify): None

Date: April 13, 1994

Inspector: Bonnie St

1994 Lead SIP Inventory

Company: Christian Management Group

Address: 5235 Suite

Contact: Pam Guice

Description of Activities Performed: Packages & mailing

Any lead processed (if yes, please quantify): none

Company: Investment Management & Research

Address: \_\_\_\_\_

Contact: Harold Schubert

Description of Activities Performed: Brokers Retail

Any lead processed (if yes, please quantify): none

Date: Apr 13, 1994

Inspector: [Signature]

1994 Lead SIP Inventory

Company: Supremo Inc  
Address: 5715 Churchman Ave Suite A  
Contact: Angie Forno / B. Henderson (owner)  
Description of Activities Performed: Food Brokerage  
for major food chains  
  
Any lead processed (if yes, please quantify): None

Company: Jensen Design (Business closed for day w. ll need to return)  
Address: 5715 Churchman Suite B  
Contact: Larry Jensen 4/19/94  
Description of Activities Performed: Graphic design  
or sign work  
laser cartridges (req. of manufacturer)  
Any lead processed (if yes, please quantify): None

Date: April 13/1994 Inspector: Bonnie Shetter

1994 Lead SIP Inventory

Company: Carbide Cutting Tools, Whittier, CA  
Address: 5403 Elmwood  
Contact: Kim Peoni (Pat McLaughlin)  
Description of Activities Performed: Distributor of  
cutting tools

Any lead processed (if yes, please quantify): None

Company: Garco  
Address: 5401 Elmwood  
Contact: None contacted  
Description of Activities Performed: Retail store  
Lawn mowers

Any lead processed (if yes, please quantify): \_\_\_\_\_

Date: April 13, 1994 Inspector: Bonnie H.

1994 Lead SIP Inventory

Company: Precision Rubber Plate

Address: 5020 Elmwood

Contact: (Mr. Pandler)

Description of Activities Performed: Flexographic  
Printing

Please re-visit.  
Receptionist would  
not give info.

Any lead processed (if yes, please quantify): Type setting of lead  
type characters - no longer in use; has ~~SA~~ stored on  
site in (4 cabinets) 1200-1400 lbs of lead-type material  
Plans to scrap material & equipment w/in 2 weeks.

Company: Whitewater Building Products Inc.

Address: 5570 Elmwood Ct.

Contact: Jim ~~Escue~~ Escue

Description of Activities Performed: Distribution of  
building products

Any lead processed (if yes, please quantify): None

Date: April 13, 1994

Inspector: Loanie Helton

1994 Lead SIP Inventory

Company: Lund's Painting  
Address: 5240 Edmwood Ave  
Contact: Patty Sicketts (David Lund's - President)  
Description of Activities Performed: Commercials.  
Industrial painting Contractors

Any lead processed (if yes, please quantify): none

Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Description of Activities Performed: \_\_\_\_\_

Any lead processed (if yes, please quantify): \_\_\_\_\_

Date: Apr 13, 1994 Inspector: Bonnie Shetter

1994 Lead SIP Inventory

Company: Black  
Address: 5223 Elmwood Ave.  
Contact: Phyllis Quinn  
Description of Activities Performed: Physical Therapy

Any lead processed (if yes, please quantify): NO

Company: Purple Systems Inc  
Address: 5230 Elmwood Ave.  
Contact: Cathy Hensley  
Description of Activities Performed: Color Separations

Any lead processed (if yes, please quantify): NO

Date: 4-13-94 Inspector: C. Shantz

1994 Lead SIP Inventory

Company: Kremer Machine Works  
Address: 4949 Sunday  
Contact: John Kremer  
Description of Activities Performed: tool & dye shop

Any lead processed (if yes, please quantify): no

Company: Alro Steel  
Address: 5620 Chuckman Ave.  
Contact: Sammy Herring  
Description of Activities Performed: distribution steel,  
warehouse

Any lead processed (if yes, please quantify): no

Date: 4-13-94

Inspector: C. Stewart

1994 Lead SIP Inventory

Company: Electrical Contractors

Address: 5812 Cinnamon

Contact: James King

Description of Activities Performed: electrical contracting  
no lead processing  
done

Any lead processed (if yes, please quantify): no

Company: Mid Indiana Service Co. Inc.

Address: 5715 Cinnamon Ave, Suite D,

Contact: Sherry Corrado

Description of Activities Performed: petroleum  
equipment contracting, remediation services -

Any lead processed (if yes, please quantify): no

Date: 4-13-94

Inspector: C. Sharrett

1994 Lead SIP Inventory

Company: Alcor  
Address: 5715 Churchman Ave. Suite C  
Contact: Bonnie Brown

Description of Activities Performed: \_\_\_\_\_  
Commercial contractor const.

Any lead processed (if yes, please quantify): no

Company: Richard Heating/Air  
Address: 5890 Churchman  
Contact: Roberta Richards

Description of Activities Performed: \_\_\_\_\_  
install/repair heating + air conditioning  
units

Any lead processed (if yes, please quantify): no

Date: 4-13-94 Inspector: C. Shaw

1994 Lead SIP Inventory

Company: Clintine Furniture

Address: 5220 Elmwood Ave -

Contact: Andy Kiel

Description of Activities Performed: \_\_\_\_\_

istribute pictures (nails / 2+ egg shell)

Any lead processed (if yes, please quantify): no

Company: Milroy

Address: 5224 Elmwood Ave.

Contact: Henry Kappenberg

Description of Activities Performed: sell pictures

components

Any lead processed (if yes, please quantify): no

Date: 4-13-94

Inspector: C. Shantz

1994 Lead SIP Inventory

Company: Applied Instruments

Address: 5234 Elmwood Ave.

Contact: Marie Hayward

Description of Activities Performed: \_\_\_\_\_

electronic manufacturing

Any lead processed (if yes, please quantify): no

Company: Cash Register Systems

Address: 5621 Elmwood

Contact: Rae Starker

Description of Activities Performed: sale & service

Cash Register

Any lead processed (if yes, please quantify): no

Date: 4-13-94

Inspector: C. Hawitt

1994 Lead SIP Inventory

Company: Wine Supplies Inc

Address: 5620 Wilwood Ct.

Contact: Mr. Timpany

Description of Activities Performed: \_\_\_\_\_

wine distributors

Any lead processed (if yes, please quantify): NO

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Contact: \_\_\_\_\_

Description of Activities Performed: \_\_\_\_\_

Any lead processed (if yes, please quantify): \_\_\_\_\_

Date: 4-13-94

Inspector: C. Shavett

1994 Lead SIP Inventory

Company: M + M Auto inc

Address: 3024 S 5 PTS PL

Contact: Tom MATTHEW

Description of Activities Performed: AUTOMOTIVE MECH. SH-V

Any lead processed (if yes, please quantify): NO

Company: ELUCO ENERGY

Address: 6107 CHURCHMAN RD. ETAS

Contact: LARRY ENERGY

Description of Activities Performed: MACHINING

Any lead processed (if yes, please quantify): No

Date: 4/13/94

Inspector: Donald R. [Signature] / Hunter

1994 Lead SIP Inventory

Company: Dorci Cabenty

Address: 6111 Churchman Bypass

Contact: Sondra Christie

Don Harper  
(maint. mgr)

Description of Activities Performed: make custom  
Cabenty for homes and businesses.

Any lead processed (if yes, please quantify): \_\_\_\_\_

Company: NUMERICAL PRODUCTIONS

Address: 3901 E S. ARLINGTON AV.

Contact: JOHN FUGATE

Description of Activities Performed: MACHINE SHOP

Any lead processed (if yes, please quantify): No

Date: 4-13-94

Inspector: HUNTLEY/RIGGIN

1994 Lead SIP Inventory

Company: NATIONAL CITY BANK FIDELITY

Address: 6120 CIRCUMFLEX BLVD - 13155 - EATS

Contact: DEN PATTON

Description of Activities Performed: PRINTING

WAREHOUSE PICK + PACK OPERATIONS,

RECORDS STORAGE

Any lead processed (if yes, please quantify): NO

\_\_\_\_\_  
\_\_\_\_\_

Company: DYMC Corp

Address: 6136 E. Hanna Ave

Contact: CAROL HERBERTZ / OFC. MAR.

Description of Activities Performed: PRECISION METAL

FABRICATION & MACHINING

Any lead processed (if yes, please quantify): NO

\_\_\_\_\_  
\_\_\_\_\_

Date: 4-13-94

Inspector: Donald Riggan / Hunter

1994 Lead SIP Inventory

Company: JOACHIM MATTHEW

Address: 4555, 4627, 4616 Independence Square

Contact: \_\_\_\_\_

Description of Activities Performed: MACHINE TOOL

Sales

Any lead processed (if yes, please quantify): \_\_\_\_\_

Company: K&R TOOL RENTAL

Address: 5328 VICTORY DRIVE

Contact: \_\_\_\_\_

Description of Activities Performed: TOOLS FOR RENTAL

Any lead processed (if yes, please quantify): \_\_\_\_\_

Date: \_\_\_\_\_

Inspector: \_\_\_\_\_

1994 Lead SIP Inventory

Company: ACCESSIBILITY PRODUCTS

Address: 4855 S. EMERSON AV

Contact: \_\_\_\_\_

Description of Activities Performed: WHEEL CHAIR

Any lead processed (if yes, please quantify): \_\_\_\_\_

Company: J.C. ALARM

Address: 4723 S. EMERSON

Contact: \_\_\_\_\_

Description of Activities Performed: ALARM INSTALLATIONS

Any lead processed (if yes, please quantify): \_\_\_\_\_

Date: \_\_\_\_\_

Inspector: \_\_\_\_\_

1994 Lead SIP Inventory

Company: VILLAGE Pantry

Address: 5960 E THOMPSON Rd.

Contact: PAT THOMAS

Description of Activities Performed: Food, GAS, Staples

Any lead processed (if yes, please quantify): NO

Company: GLENN EARLES

Address: 4002 S ARLINGTON AVE.

Contact: MARK EARLE

Description of Activities Performed: Collision Repair

paint, Small % of vehicles painted  
with lead paint

Any lead processed (if yes, please quantify): \_\_\_\_\_

Date: 4/12/94

Inspector: C. Miller

Enclosure 7



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live*

*Evan Bayh*  
Governor  
*Kathy Prosser*  
Commissioner

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
Telephone 317-232-8603  
Environmental Helpline 1-800-451-6027

STATE OF INDIANA	)		BEFORE THE INDIANA DEPARTMENT
	)	SS:	OF ENVIRONMENTAL MANAGEMENT
COUNTY OF MARION	)		
COMMISSIONER OF THE DEPARTMENT	)		
OF ENVIRONMENTAL MANAGEMENT,	)		
	)		
Complainant,	)		CAUSE NO. A-2521
	)		
v.	)		
	)		
REFINED METALS COMPANY	)		
	)		
Respondent.	)		

## PRELIMINARY AGREED ORDER

The Commissioner and the Respondent hereby consent to the entry of the following Findings of Fact and Order.

### I. FINDINGS OF FACT

Upon the consent of the parties hereto, the following findings are made:

1. Complainant is the Commissioner (hereinafter referred to as "Complainant") of the Indiana Department of Environmental Management (hereinafter referred to as "IDEM"), a department of the State of Indiana created by IC 13-7-2-11.
2. Refined Metals Company, (hereinafter referred to as "Respondent"), owns and operates a secondary lead smelter, located in Beech Grove, Indiana.
3. Complainant has jurisdiction over the Respondent and the subject matter of this action.
4. On March 17, 1994, Office of Air Management staff conducted an inspection of Respondent's operations. Inspection of Respondent's records showed that negative pressure had not been maintained continuously in the buildings housing the blast furnace, dust furnace, refining kettles, casting operation, and lead storage as required by Section 1 (1) of the emergency rule (a noncode provision concerning source specific provisions for Refined Metals Company) approved by the Indiana Air Pollution Control Board on January 5, 1994 and effective for the period from January 6, 1994 through April 5, 1994. Failure

Attachment B

# REFINED METALS CORPORATION

OPERATION / MAINTENANCE  
FUGITIVE DUST PROGRAM

REVISED 5/4/94

*See Enclosure 5*

