

Partial 9/19/2019

September 19, 2019

Arcelor Mittal USA, Inc. 250 W US Highway 12 Burns Harbor, IN 46304-9745

Work Order No.: 19I1178

Re: Daily

Dear Teri Kirk:

Microbac Laboratories, Inc. - Chicagoland Division received 15 sample(s) on 9/19/2019 10:15:00AM for the analyses presented in the following report as Work Order 19I1178.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please contact your project manager. For any feedback, please contact Ron Misiunas, Division Manager, at ron.misiunas@microbac.com.

Sincerely, Microbac Laboratories, Inc.

Carup Macipala

Carey Gadzala Project Manager

Microbac Laboratories, Inc.



Partial 9/19/2019

WORK ORDER SAMPLE SUMMARY

Thursday, September 19, 2019

Date:

Project:	Arcelor I Daily 19I1178	Mittal USA, Inc.			
Lab Sample I	D	Client Sample ID	Tag Number	Collection Date	Date Received
19 1178-01		011-Composite	011	09/18/2019 06:00	9/19/2019 10:15:00AM
19 1178-02		011-Grab	011	09/18/2019 06:00	9/19/2019 10:15:00AM
19 1178-03		001-Composite	001	09/18/2019 06:20	9/19/2019 10:15:00AM
19 1178-04		001-Grab	001	09/18/2019 06:20	9/19/2019 10:15:00AM
19 1178-05		Mixed Liquor-Grab	Mixed Liquor	09/19/2019 06:40	9/19/2019 10:15:00AM
19 1178-06		J-Box-Grab	J-Box	09/19/2019 08:07	9/19/2019 10:15:00AM
19 1178-07		RSB FT Overflow-Grab	RSB FT Overflow	09/19/2019 06:38	9/19/2019 10:15:00AM
19 1178-08		999-Grab	999	09/19/2019 06:38	9/19/2019 10:15:00AM
19 1178-09		002-Grab	002	09/18/2019 07:55	9/19/2019 10:15:00AM
19 1178-10		CM1-Grab	CM1	09/19/2019 00:00	9/19/2019 10:15:00AM
19 1178-11		CM2-Grab	CM2	09/19/2019 00:00	9/19/2019 10:15:00AM
19 1178-12		CM3-Grab	CM3	09/19/2019 00:00	9/19/2019 10:15:00AM
19 1178-13		CM6 Grab	CM6	09/19/2019 00:00	9/19/2019 10:15:00AM
19 1178-14		HM2-Grab	HM2	09/19/2019 00:00	9/19/2019 10:15:00AM
19 1178-15		HM3-Grab	HM3	09/19/2019 00:00	9/19/2019 10:15:00AM



Partial 9/19/2019

Field Results		Date: Thursday, S	September 19, 2019
Client: Client Project:	Arcelor Mittal USA, Inc. Daily	Work Order:	1911178
Client Sample ID:	011-Grab	Work Order/ID:	19 1178-02
Sample Description:	011	Sampled:	09/18/2019 06:00
Matrix:	Aqueous	Received:	09/19/2019 10:15
Analyses		Result	Units
FLD_CL_TITR		0.00	mg/L
рН		8.0	pH Units
Client Sample ID:	001-Grab	Work Order/ID:	19 1178-04
Sample Description:	001	Sampled:	09/18/2019 06:20
Matrix:	Aqueous	Received:	09/19/2019 10:15
Analyses		Result	Units
FLD_CL_TITR		0.00	mg/L
рН		7.9	pH Units
Client Sample ID:	J-Box-Grab	Work Order/ID:	19 1178-06
Sample Description:	J-Box	Sampled:	09/19/2019 08:07
Matrix:	Aqueous	Received:	09/19/2019 10:15
Analyses		Result	Units
рН		8.8	pH Units
Client Sample ID:	RSB FT Overflow-Grab	Work Order/ID:	19 1178-07
Sample Description:	RSB FT Overflow	Sampled:	09/19/2019 06:38
Matrix:	Aqueous	Received:	09/19/2019 10:15
Analyses		Result	Units
рН		9.0	pH Units
Client Sample ID:	999-Grab	Work Order/ID:	1911178-08
Sample Description:	999	Sampled:	09/19/2019 06:38
Matrix:	Aqueous	Received:	09/19/2019 10:15
Analyses		Result	Units
рН		7.8	pH Units
Client Sample ID:	002-Grab	Work Order/ID:	1911178-09
Sample Description:	002	Sampled:	09/18/2019 07:55
Matrix:	Aqueous	Received:	09/19/2019 10:15
Analyses		Result	Units
pH		8.0	pH Units

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CASE NARRATIVE

Date: Thursday, September 19, 2019

Client:	Arcelor Mittal USA, Inc.
Project:	Daily
Lab Order:	19 1178

 The Duplicate analysis performed on the following sample failed to meet the precision criteria for total suspended solids.

 Laboratory ID
 Sample Name

 19I1178-06
 J-Box-Grab



Analytical Results

Date: Thursday, September 19, 2019

Client: Client Project:	Arcelor Mittal US Daily	A, Inc.								
Client Sample ID:	011-Composite							Work	Order/ID:	19 1178-01
Sample Description:	011							Sampl	ed:	09/18/2019 6:00
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
				Method: EF	A 200.7 Re	v 4.4				alyst: RPL
Total Recoverable Me	tals by ICP	_							Prep Date/	Time:09/19/2019 11:31
Lead		eij	Α	ND	0.0033	0.0075	U	mg/L	1	09/19/2019 14:06
Zinc		eij	A	ND	0.0073	0.020	U	mg/L	1	09/19/2019 14:06
Total Cyanide				Method: SN	/I 4500-CN	C/E-1999				alyst: ABG Fime: 09/19/2019 11:03
Cyanide, Total		eij	Α	0.0046	0.0020	0.0050		mg/L	1	09/19/2019 14:30
Free Cyanide				Method: SV	V-846 9014					alyst: ABG Fime: 09/19/2019 12:39
Free Cyanide			Α	ND		0.0062		mg/L	1	09/19/2019 14:06
Nitrogen, Ammonia as	5 N			Method: EF	PA 350.1 Re	v 2.0				alyst: ABG Fime: 09/19/2019 11:59
Nitrogen, Ammonia (A	s N)	ei	Α	0.23	0.054	0.10		mg/L	1	09/19/2019 15:15
Total Phenolics				Method: EF	PA 420.4 Re	v 1.0				alyst: ABG Fime: 09/19/2019 11:58
Phenolics, Total Reco	verable	eij	Α	ND	0.0060	0.010	U	mg/L	1	09/19/2019 14:57
		EIJ					0			
				Method: SN	/ 2540 D-19	97				alyst: KMT
Total Suspended Solid									· · ·	Time:09/19/2019 10:45
Total Suspended Solid	ls	eij	A	1.3	1.0	1.0		mg/L	1	09/19/2019 12:15

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Analytical Results

Client:	Arcelor Mittal US	SA, Inc.								
Client Project:	Daily									
Client Sample ID:	011-Grab							Work	Order/ID:	19 1178-02
Sample Description:	011							Sampl	ed:	09/18/2019 6:00
Matrix:	Aqueous							Receiv	/ed:	09/19/2019 10:15
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
				Method: E	PA 1664B				Ana	alyst: KMT
Oil & Grease (HEM) by	y SPE								Prep Date/	Time:09/19/2019 07:16
Oil & Grease (HEM)		eij	Α	ND	1.4	5.0	U	mg/L	1	09/19/2019 14:42

Partial 9/19/2019

Analytical Results

Date: Thursday, September 19, 2019

Client: Client Project:	Arcelor Mittal US Daily	A, Inc.								
Client Sample ID: Sample Description: Matrix:	001-Composite 001 Aqueous							Work (Sampl Receiv		19 1178-03 09/18/2019 6:20 09/19/2019 10:15
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Total Recoverable Me	tals by ICP			Method: El	PA 200.7 Re	ev 4.4				alyst: RPL Time: 09/19/2019 11:31
Copper	-	eij	Α	ND	0.0013	0.010		mg/L	1	09/19/2019 14:11
Lead		eij	Α	ND	0.0033	0.0075	U	mg/L	1	09/19/2019 14:11
Zinc		eij	Α	ND	0.0073	0.020		mg/L	1	09/19/2019 14:11
Total Cyanide				Method: SI	M 4500-CN	C/E-1999				alyst: ABG Time: 09/19/2019 11:03
Cyanide, Total		eij	Α	0.0039	0.0020	0.0050		mg/L	1	09/19/2019 14:35
				Method: S	W-846 9014				An	alyst: ABG
Free Cyanide									Prep Date/	Time: 09/19/2019 12:39
Free Cyanide			A	ND		0.0062		mg/L	1	09/19/2019 14:08
Nitrogen, Ammonia as	5 N			Method: El	PA 350.1 Re	ev 2.0				alyst: ABG Time: 09/19/2019 11:59
Nitrogen, Ammonia (A	s N)	ei	Α	0.41	0.054	0.10		mg/L	1	09/19/2019 15:22
Total Phenolics				Method: El	PA 420.4 Re	ev 1.0				alyst: ABG Time: 09/19/2019 11:58
Phenolics, Total Reco	verable	eij	Α	ND	0.0060	0.010	U	mg/L	1	09/19/2019 14:58
Total Suspended Soli	ds		-	Method: SI	M 2540 D-1	997		-		alyst: KMT Time: 09/19/2019 10:45
Total Suspended Solid		eij	Α	3.5	1.0	1.0		mg/L	1	09/19/2019 12:15
				1				-		-

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Analytical Results

Client:	Arcelor Mittal U	SA, Inc.								
Client Project:	Daily									
Client Sample ID:	001-Grab							Work	Order/ID:	19 1178-04
Sample Description:	001							Samp	ed:	09/18/2019 6:20
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
				Method:	EPA 1664B				An	alyst: KMT
Oil & Grease (HEM) by	y SPE								Prep Date/	Time:09/19/2019 07:16
Oil & Grease (HEM)		eij	Α	NE) 1.4	5.0	U	mg/L	1	09/19/2019 14:42

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Analytical Results

Client: Client Project:	Arcelor Mittal USA Daily	, Inc.								
Client Sample ID:	Mixed Liquor-Grat)						Work	Order/ID:	19 1178-05
Sample Description:	Mixed Liquor							Samp	led:	09/19/2019 6:40
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
				Method:	SM 2540 F-19	97			An	alyst: DAT
Settleable Solids									Prep Date/	Time: 09/19/2019 10:39
Settleable Solids		i	A	140	1.0	1.0	r	nl/L	1	09/19/2019 10:39
				Method:	SM 2540 D-19	97			An	alyst: KMT
Total Suspended Solid	ds								Prep Date/	Time:09/19/2019 10:45
Total Suspended Solid	ls	eij	A	1500	1.0	1.0	r	ng/L	1	09/19/2019 12:15



Analytical Results

Total Suspended Solid		eij	Α	13	1.0	1.0	1	mg/L	Prep Date/	Time: 09/19/2019 10:45 09/19/2019 12:15
.				Method:	SM 2540 D-1	997				alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Receiv	/ed:	09/19/2019 10:15
Sample Description:	J-Box							Samp	ed:	09/19/2019 8:07
Client Sample ID:	J-Box-Grab							Work	Order/ID:	19 1178-06
Client: Client Project:	Arcelor Mittal US Daily	SA, Inc.								



Analytical Results

Total Suspended Solid		eij	Α	11	1.0	1.0	r	ng/L	1	09/19/2019 12:15
Total Suspended Soli	ds								Prep Date/	Time: 09/19/2019 10:45
				Method:	SM 2540 D-1	997			Ana	alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Sample Description:	CM1							Samp	led:	09/19/2019 0:00
Client Sample ID:	CM1-Grab							Work	Order/ID:	19 1178-10
Client Project:	Daily									
Client:	Arcelor Mittal U	SA, Inc.								



Analytical Results

Total Suspended Solid		eij	Α	14	1.0	1.0	I	ng/L	1	09/19/2019 12:15
Total Suspended Soli	ds								Prep Date/	Time: 09/19/2019 10:45
				Method:	SM 2540 D-1	997			Ana	alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Recei	ved:	09/19/2019 10:15
Sample Description:	CM2							Samp	led:	09/19/2019 0:00
Client Sample ID:	CM2-Grab							Work	Order/ID:	19 1178-11
Client Project:	Daily									
Client:	Arcelor Mittal U	SA, Inc.								



Analytical Results

Total Suspended Solid Total Suspended Solid		eij	A	13	1.0	1.0		mg/L	Prep Date/	Time: 09/19/2019 10:45 09/19/2019 12:15
				Method:	SM 2540 D-1	997				alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Sample Description:	CM3							Samp	led:	09/19/2019 0:00
Client Sample ID:	CM3-Grab							Work	Order/ID:	19 1178-12
Client Project:	Daily									
Client:	Arcelor Mittal U	SA, Inc.								



Analytical Results

Total Suspended Solid		eij	Α	12	1.0	1.0	1	mg/L	1	09/19/2019 12:15
Total Suspended Soli	de									Time:09/19/2019 10:45
				Method:	SM 2540 D-1	997			Ana	alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Sample Description:	CM6							Samp	led:	09/19/2019 0:00
Client Sample ID:	CM6 Grab							Work	Order/ID:	19 1178-13
Client Project:	Daily									
Client:	Arcelor Mittal U	SA, Inc.								



Analytical Results

Total Suspended Solid		eij	Α	14	1.0	1.0	1	ng/L	. 1	09/19/2019 12:15
Total Suspended Soli	ds								Prep Date/	Time:09/19/2019 10:45
				Method:	SM 2540 D-1	997			Ana	alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Recei	ved:	09/19/2019 10:15
Sample Description:	HM2							Samp	led:	09/19/2019 0:00
Client Sample ID:	HM2-Grab							Work	Order/ID:	19 1178-14
Client Project:	Daily									
Client:	Arcelor Mittal U	ISA, Inc.								



Analytical Results

Total Suspended Solid	ds	eij	A	11	1.0	1.0		mg/L	1	09/19/2019 12:15
Total Suspended Soli	ds								Prep Date/	Time:09/19/2019 10:45
				Method:	SM 2540 D-1	997			Ana	alyst: KMT
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
Matrix:	Aqueous							Receiv	ved:	09/19/2019 10:15
Sample Description:	HM3							Samp	led:	09/19/2019 0:00
Client Sample ID:	HM3-Grab							Work	Order/ID:	19 1178-15
Client Project:	Daily									
Client:	Arcelor Mittal U	SA, Inc.								

A,B = Target Analyte I = Internal Standard

- M = Summation Analyte
- S = Surrogate

T = Tentatively Identified Compound (TIC, concentration estimated)

MICROBAC[®]



QC SAMPLE IDENTIFICATIONS

BLK = Method Blank DUP = Method Duplicate BS = Method Blank Spike MS = Matrix Spike ICB = Initial Calibration Blank CCB = Continuing Calibration Blank CRL = Client Required Reporting Limit PDS = Post Digestion Spike QCS = Quality Control Standard ICSA = Interference Check Standard "A" ICSAB = Interference Check Standard "AB" BSD = Method Blank Spike Duplicate MSD = Matrix Spike Duplicate ICV = Initial Calibration Verification CCV = Continuing Calibration Verification OPR = Ongoing Precision and Recovery Standard SD = Serial Dilution

CERTIFICATIONS (Certs)

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- d Illinois EPA drinking water, wastewater and solid waste analysis (#200064)
- ⁱ Kansas Dept Health & Env. NELAP (#E-10397)
- j Kentucky Wastewater Laboratory Certification Program (#108202)

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

MDL:	Minimum Detection Limit
RL:	Reporting Limit
RPD:	Relative Percent Difference
U:	The analyte was analyzed for but was not detected above the reported quantitation limit. The quantitation limit has been adjusted for any dilution or concentration of the sample.

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Cooler ID: Default Cooler

Comments

Metals sample preserved at lab

Cooler Inspection Checklist

Ice Present or not required?	Yes
Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes
Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes
Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes
Sample type identified on COC?	Yes
Correct type of Containers Received	Yes
Correct number of containers listed on COC?	Yes
Containers Intact?	Yes
COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes
Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes
Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes
Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes







Chain of Custody

ArcelorMittal Burns Harbor/Microbac Labs

Thursday

Lab Work No: 192/178

<u>9</u> 9 * Date Obtained _____ ** Sample Date: ____

Location	Time	Sampler	Туре	Preserved	Cooled	Containers		:	Devery stars	
				Troscived	ooolea	Туре	Qty	Vol. (ml)	Parameters	Comments
011 **	N:m	CV	Comp	No	Yes	Glass	1	4000		16
	4.00		Grab	No	No	Plastic	1	500	pН	02
001 **	Nin		Comp	No	Yes	Glass	1	4000		03
	10.00		Grab	No	No	Plastic	1	125	Hq	04
Mixed Liquor *	06:40		Grab	No	No	Plastic	1	2000	TSS, Settling	05
DIW-131 *	NA.		Grab	No	No	Plastic	1	125	рН	
J-Box *	08:07		Grab	No	No	Plastic	1	1000	TSS, pH	06
RSB FT Overflow,*	06:38	<u>'</u>	Grab	No	No	Plastic	1	125	pH	07
999 *	06:38		Grab	No	No	Plastic	1	500	Ha	08
002 **	07:55		Grab	No	No	Plastic	1	125	pH	04
SWTP *	NA	****	Grab	No	No	Plastic	76	1000	TSS	10-15

*** WPL is for previous sample date

**** Sample collected by Water Process personnel

No HMI

2.2 -0.3 -1.9C °I

Relinquished by: Received by:

Date: Date:

Time: 08: 25 Time: 0825

Env 4x Rev. 8 07/01/16 (TEK)

19/1178 Carey Gadzala ArcelorMittal - Burns Harbor, IN Daily 09/19/2019

		Exp. Date	7/29/20	5/31/20	(mg/L)	0,00	0,04	8-00	0.00		0	0,00	0.00		Exp. Date	30	2/26/20	5/31/20	Result		0	20.0	0.60	0	0.00	0.00	00.0	0.00	revision: a 01 2016	
iboratories, Inc Chicagoland Division Automotic Titration - SM Method 4500-CI E - 2000	·	STD ID / Lot # 146367	147996	145348	Titrant Vol.	0.0	40.0	0.00	00.0	0.00	0 - 0	0.00	0.00		stn ID / Lot #	~			T Titrant Vol.	- (m)	00-0	0.03	0.00	00.0	00.0	10	0.00	00.0		201
Microbac Laboratories, Inc Chicagoland Division	s Harbor	KI Solution	Aretate buffer.	PAO Titrant:	Titrant Stop		0.00		00.0 •	00.0	0.00	00.0	6			KI Solution:	Acatata huffer	PAO Titrant:	T Titrant Cton	(ml)	0-00	0.03			. 1			×1	6.00	
ories, Inc Chi	- Amperometric mutation on the for Arcelor Mittal - Burns Harbor				Titrant Start	(mL)	0.00													Titrant Start)-							>	/ol., mL)
crobac Laborat	Chlorine - Ampe for Arce	0800	ļ			pH (pH Units)	4.0	4,0	40	6,9	4.0	4,0	f .0	4, 0		5080			11/20			4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	(Titrant Vol., mL) (200 mL) / (Sample Vol., mL)
Mic	Total Residual Chlorine - fc	6/18/13		HJ626		(mL)	200						9			9/19/19	st. MAO	1#: HJ626		Sample Vol.	(m)	200	•					Dup	Dup	
		Date/Time:	Analyst	pH Paper Lot #.		sample	Blank	1 CS	Outfall 001	Outfall 002	Outfall 003	Outfall 011	Outfall 011 Dup			Date/Time:	Analvst	pH Paper Lot #:	LCS ID:	Sample	0	Blank	I CS	Outfall 001	Outfall 000		Outlan 000		~	E

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RADS-JAN

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Microbac Laboratories - Chicagoland Division pH - METHOD 9045D Arcelor Mittal /Burns Harbor NPDES

Cample ID		рН	Analyst	Date/Time o	f Analysis
Sample ID Buffer ID:	4: 185909	7: 188312	10: 191040		
Meter ID:	AIOI 0		BAD	9/19/19	0805
Calibration	4/10/10	7.00			<u> </u>
		101.5			
Blope ake 999		7.80			
ocation 001		7.91			
ocation 002		8.03		_ <u></u>	
_ocation 011		8-04			
NAL 1					
WAL 2					
SWTP J-Box		8.84			<u> </u>
DIW 131					1
RSB		8.97			+
Dup- RSD		8,97			1/
CCV		7.01		`	<u>¥</u>
					<u> </u>

Comple ID		рН	Analyst	Date/Time of Analysis
Sample ID		7:	10:	
Buffer ID:	4:	1.		
Meter ID:				
Calibration	4 / 7 / 10		·	
ICV	4 / 7 / 10			
Slope				
Lake 999	· · · · · · · · · · · · · · · · · · ·			
Location 001				
Location 002				
Location 011				
WAL 1				
WAL 2			······	
SWTP J-Box				·····
DIW 131				
RSB				
Dup-				,
CCV				
		4		

revision: _d_10-15

ME-3493

2013-08-BH-ContractorTimeSheet	e of	Page			AM Authorizer	Gold -	Canary - Contractor Pink - AM Receiver		White - Contractor
6/12/16	Howard	Warren	307343		19/19			2h	P, O
-	10-01			-1		Date			Printed name
Job title	- Marine	ArcelorMittal authorization signature		tech	Service	L C C	1		
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18) Has equipment been inspected prior to use? equipment, etc.) Yes N/A No ork Image: Solution of the second se	129) Scaffold work (30) Explosives (31) Barricades (32) Radiation Hierarchy of Controls 1 Hierarchy of Controls 1 trols	ussion 24) Housekeeping 25) Production hazards 26) Material handling 27) Crane and rigging 28) Overhead work Hazard # Hazard # 15 Remark 17 Poper 15 Controls 20 17 Poper 15 15 15 15 15 15 15 15 15 15	Badge #
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	DOI CONFOIL .	Yes N/A No	
18) Has equipment been inspecte equipment, etc.)			Yes N/A No
18) Has equipment been inspecte equipment, etc.)			ns for [
		al equipment (motor control	9) Is someone working on or near energized electrical equipment (motor control rooms, overhead power lines, etc.)?
P 17) Can we strain or overexert ou		ion, laser, temperature)?	8) Is there a potential for exposure (chemical, radiation, laser, temperature)?
16) Have all affected people been notified?			7) Is additional PPE required?
15) Can we slip or trip on anything (including travel to and from the job)?			6) Do we have the correct tools for the job?
1 14) Are flags and derails in place i			5) Are there potential hazards or high risk job steps?
13) Is everyone properly trained for this job?		3 ArcelorMittal employees)?	4) Are there adjacent work crews exposed (including Arcelor/Mittal employees)?
12) Can something fall and/or stri			3) Will everyone apply a personal safety lock?
11) Could someone get hurt as a result of a fall from height?	Ŋ	edure?	2) Is there a current and valid isolation (LOTO) procedure?
10) Could someone be caught in or between anything?		nown?	1) Are emergency evacuation areas identified and known?
	N/A No	Yes	HIRAC-Lite
			Section 2
ArcelorMittal representative phone number	_ ArcelorMi	m /be	cription Envira
Ine named contractor or work crew is cleared to ArcelorMittal representative <u>62000000000000000000000000000000000000</u>	_ ArcelorMi	i a	Company name Nicrobac Labs
	in any open		Continue dependence of the second second
face to face with the ArcelorMitta	e must meet) site, a contractor representativ	For each job, and before starting work at the job site, a contractor representative must meet face to face with the ArcelorMittal representative responsible for the work and discuss the work to be performed and any specific safety requirements
S	workei	orm for all visiting	Dáłly Work authorization form for all visiting workers
Orkers nust meet face to face with the ArcelorMittal any specific safety requirements. The named contractor or work crew is cleared to perform the job described herein: ArcelorMittal representative department ArcelorMittal representative department ArcelorMittal representative phone number Image: N/A Image: N/A </td <td>WOrker e must meet nd any speci ArcelorMit ArcelorMit ArcelorMit</td> <td></td> <td>rm for all visiti site, a contractor represe iss the work to be perforn wr? wr? wr? ArcelorMittal employees)? ArcelorMittal employees)? n, laser, temperature)? lequipment (motor control</td>	WOrker e must meet nd any speci ArcelorMit ArcelorMit ArcelorMit		rm for all visiti site, a contractor represe iss the work to be perforn wr? wr? wr? ArcelorMittal employees)? ArcelorMittal employees)? n, laser, temperature)? lequipment (motor control

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