Work Order No.: 19H0941



August 28, 2019

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

Re: Thursday

Dear Teri Kirk:

Microbac Laboratories, Inc. - Chicagoland Division received 15 sample(s) on 8/15/2019 10:35:00AM for the analyses presented in the following report as Work Order 19H0941.

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.

Carry Hadzala

Carey Gadzala Project Manager



Revised 8/28/2019

Wednesday, August 28, 2019

Date:

WORK ORDER SAMPLE SUMMARY

Client: Arcelor Mittal USA, Inc.

Project: Thursday Lab Order: 19H0941

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
19H0941-01	011-Composite	011	08/14/2019 06:05	8/15/2019 10:35:00AM
19H0941-02	011-Grab	011	08/14/2019 06:05	8/15/2019 10:35:00AM
19H0941-03	001-Composite	001	08/14/2019 06:20	8/15/2019 10:35:00AM
19H0941-04	001-Grab	001	08/14/2019 06:20	8/15/2019 10:35:00AM
19H0941-05	Mixed Liquor-Grab	Mixed Liquor	08/15/2019 06:38	8/15/2019 10:35:00AM
19H0941-06	J-Box-Grab	J-Box	08/15/2019 06:36	8/15/2019 10:35:00AM
19H0941-07	RSB FT Overflow-Grab	RSB FT Overflow	08/15/2019 07:14	8/15/2019 10:35:00AM
19H0941-08	999-Grab	999	08/15/2019 07:24	8/15/2019 10:35:00AM
19H0941-09	002-Grab	002	08/14/2019 07:44	8/15/2019 10:35:00AM
19H0941-10	CM1-Grab	CM1	08/15/2019 00:00	8/15/2019 10:35:00AM
19H0941-11	CM2-Grab	CM2	08/15/2019 00:00	8/15/2019 10:35:00AM
19H0941-12	CM6 Grab	CM6	08/15/2019 00:00	8/15/2019 10:35:00AM
19H0941-13	HM1-Grab	HM1	08/15/2019 00:00	8/15/2019 10:35:00AM
19H0941-14	HM2-Grab	HM2	08/15/2019 00:00	8/15/2019 10:35:00AM
19H0941-15	HM3-Grab	HM3	08/15/2019 00:00	8/15/2019 10:35:00AM



Field Results		Date: Wednesd	ay, August 28, 2019
Client: Client Project:	Arcelor Mittal USA, Inc. Thursday	Work Order:	19H0941
Client Sample ID: Sample Description:	011-Grab 011	Work Order/ID: Sampled:	19H0941-02 08/14/2019 06:05
Matrix:	Aqueous	Received:	08/15/2019 10:35
Analyses		Result	Units
рН		8.1	pH Units
Client Sample ID:	001-Grab	Work Order/ID:	19H0941-04
Sample Description:	001	Sampled:	08/14/2019 06:20
Matrix:	Aqueous	Received:	08/15/2019 10:35
Analyses		Result	Units
рН		8.1	pH Units
Client Sample ID:	J-Box-Grab	Work Order/ID:	19H0941-06
Sample Description:	J-Box	Sampled:	08/15/2019 06:36
Matrix:	Aqueous	Received:	08/15/2019 10:35
Analyses		Result	Units
рН		8.7	pH Units
Client Sample ID:	RSB FT Overflow-Grab	Work Order/ID:	19H0941-07
Sample Description:	RSB FT Overflow	Sampled:	08/15/2019 07:14
Matrix:	Aqueous	Received:	08/15/2019 10:35
Analyses		Result	Units
рН		8.9	pH Units
Client Sample ID:	999-Grab	Work Order/ID:	19H0941-08
Sample Description:	999	Sampled:	08/15/2019 07:24
Matrix:	Aqueous	Received:	08/15/2019 10:35
Analyses		Result	Units
рН		8.2	pH Units
Client Sample ID:	002-Grab	Work Order/ID:	19H0941-09
Sample Description:	002	Sampled:	08/14/2019 07:44
Matrix:	Aqueous	Received:	08/15/2019 10:35
Analyses		Result	Units
pН		8.41	pH Units



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 011-Composite
 Work Order/ID:
 19H0941-01

 Sample Description:
 011
 Sampled:
 08/14/2019
 6:05

Matrix: Aqueous Sample Description: 00/14/2019 0.00

watrix.	Aqueous							Recei	veu.	06/15/2019 10.55
Analyses		Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Method: SM 4500-CN C/E-1999 Analyst: ABG							
Total Cyanide									Prep Date/	Time:08/15/2019 09:35
Cyanide, Total		eij	Α	0.28		0.0050	n	ng/L	1	08/15/2019 15:28
		Method: EPA 350.1 Rev 2.0 Analyst: ABG								alyst: ABG
Nitrogen, Ammonia as	N								Prep Date/	Time:08/22/2019 04:56
Nitrogen, Ammonia (A	s N)	ei	Α	0.93		0.10	n	ng/L	1	08/22/2019 10:56



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 011-Composite
 Work Order/ID:
 19H0941-01RE1

 Sample Description:
 011
 Sampled:
 08/14/2019
 6:05

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

ΑT MDL RL Units DF **Analyses** Certs Result Qual Analyzed Method: SW-846 9014 Analyst: AJR Prep Date/Time: 08/21/2019 09:07 Free Cyanide A 0.23 0.0062 mg/L 08/26/2019 12:24 Free Cyanide



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 001-Composite
 Work Order/ID:
 19H0941-03

 Sample Description:
 001
 Sampled:
 08/14/2019
 6:20

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed			
			Method: S	M 4500-CN	C/E-1999			Analyst: ABG				
Total Cyanide								Prep Date/	Time: 08/21/2019 09:36			
Cyanide, Total	eij	Α	0.075		0.0050	n	ng/L	1	08/21/2019 12:22			
	Method: EPA 350.1 Rev 2.0 Analyst: ABG								alyst: ABG			
Nitrogen, Ammonia as N Prep Date/Time:08/22/2019 04:56												
Nitrogen, Ammonia (As N)	ei	Α	0.53		0.10	n	ng/L	1	08/22/2019 10:59			



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 001-Composite
 Work Order/ID:
 19H0941-03RE1

 Sample Description:
 001
 Sampled:
 08/14/2019
 6:20

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

ΑT MDL RL Units DF **Analyses** Certs Result Qual Analyzed Method: SW-846 9014 Analyst: AJR Prep Date/Time: 08/21/2019 09:07 Free Cyanide A 0.099 0.0062 mg/L 08/26/2019 12:25 Free Cyanide



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 Mixed Liquor-Grab
 Work Order/ID:
 19H0941-05

 Sample Description:
 Mixed Liquor
 Sampled:
 08/15/2019
 6:38

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual Un	its DF	Analyzed
			Method:	SM 2540 F-19	97		Ar	nalyst: DAT
Settleable Solids							Prep Date/	Time: 08/15/2019 11:09
Settleable Solids	i	Α	170	1.0	1.0	ml/L	1	08/15/2019 11:09
			Method:	SM 2540 D-19	97		Ar	nalyst: KMT
Total Suspended Solids							Prep Date/	Time: 08/15/2019 10:58
Total Suspended Solids	eij	Α	2100	1.0	1.0	mg/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 J-Box-Grab
 Work Order/ID:
 19H0941-06

 Sample Description:
 J-Box
 Sampled:
 08/15/2019
 6:36

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Method:	SM 2540 D-1	Anal	yst: KMT			
Total Suspended Solids								Prep Date/Ti	me:08/15/2019 10:58
Total Suspended Solids	eij	Α :	13	1.0	1.0	n	ng/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 CM1-Grab
 Work Order/ID:
 19H0941-10

 Sample Description:
 CM1
 Sampled:
 08/15/2019
 0:00

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Method: §	SM 2540 D-1	Analyst: KMT				
Total Suspended Solids								Prep Date/Ti	me:08/15/2019 10:58
Total Suspended Solids	eij	Α :	11	1.0	1.0	n	ng/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 CM2-Grab
 Work Order/ID:
 19H0941-11

 Sample Description:
 CM2
 Sampled:
 08/15/2019
 0:00

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Method:	Analyst: KMT					
Total Suspended Solids								Prep Date/Ti	me:08/15/2019 10:58
Total Suspended Solids	eij	Α	19	1.0	1.0	m	ng/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 CM6 Grab
 Work Order/ID:
 19H0941-12

 Sample Description:
 CM6
 Sampled:
 08/15/2019
 0:00

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Method:	SM 2540 D-1	Anal	yst: KMT			
Total Suspended Solids								Prep Date/Ti	me:08/15/2019 10:58
Total Suspended Solids	eij	Α :	13	1.0	1.0	n	ng/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 HM1-Grab
 Work Order/ID:
 19H0941-13

 Sample Description:
 HM1
 Sampled:
 08/15/2019
 0:00

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Method:	Anal	yst: KMT				
Total Suspended Solids								Prep Date/Ti	me:08/15/2019 10:58
Total Suspended Solids	eij	A	15	1.0	1.0	m	ng/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 HM2-Grab
 Work Order/ID:
 19H0941-14

 Sample Description:
 HM2
 Sampled:
 08/15/2019
 0:00

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Anal	yst: KMT					
Total Suspended Solids								Prep Date/Ti	me: 08/15/2019 10:58
Total Suspended Solids	eij	A	15	1.0	1.0	m	ng/L	1	08/15/2019 12:48



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 HM3-Grab
 Work Order/ID:
 19H0941-15

 Sample Description:
 HM3
 Sampled:
 08/15/2019
 0:00

 Matrix:
 Aqueous
 Received:
 08/15/2019
 10:35

Analyses	Certs	AT	Result	MDL	RL	Qual	Units	DF	Analyzed
			Analyst: KMT						
Total Suspended Solids								Prep Date/Ti	me:08/15/2019 10:58
Total Suspended Solids	eij	Α .	21	1.0	1.0	n	ng/L	1	08/15/2019 12:48

ANALYTE TYPES: (AT)

A,B = Target Analyte I = Internal Standard

M = Summation Analyte

S = Surrogate

T = Tentatively Identified Compound (TIC, concentration estimated)



Revised 8/28/2019

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

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

QCS = Quality Control Standard **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

Reporting Limit RL:

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.

Cooler Receipt Log

Cooler ID: Default Cooler

Metals sample preserved at lab

Comments

ordan octor



Revised 8/28/2019

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: 19H0941

* Date Obtained ** Sample Date:

8-15-19

Location	Time	Sampler	Туре	Preserved	Cooled	Containers			Davanastana	Ī., .
	, ,,,,,	oumpion	1300	1 Toserved	000160	Туре	Qty	Vol. (ml)	Parameters	Comments
011 **	06:05	(3,)	Comp	No	Yes	Glass	1	4000		01
V 1 1	00.00		Grab	No	No	Plastic	1	500	рН	02
001 **	06:20		Comp	No	Yes	Glass	1	4000		03
	00.20		Grab	No	No	Plastic	1	125	На	04
Mixed Liquor *	06:38		Grab	No	No	Plastic	1	2000	TSS, Settling	۵5
DIW-131 *	w		Grab	No	No	Plastic	1	125	Н	
J-Box *	06:36		Grab	No	No	Plastic	1	1000	TSS, pH	106
RSB FT Overflow *	07:14		Grab	No	No	Plastic	1	125	Hq	17.7
999 *	17:24		Grab	No	No	Plastic	1	500	На	08
002 **	07:44		Grab	No	No	Plastic	1	125	pH	00
SWTP*		***	Grab	No	No	Plastic	ter	1000	TSS	10-15

*** WPL is for previous sample date

**** Sample collected by Water Process personnel

NOCM.3

07 - 0.3

Relinquished by: (

Dogolyod by

Date: 8-15-19

Date: 8 . 15 - 19

Time: 08:00

Time: 0900

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

19H0941 Carey Gadzala ArcelorMittal - Burns Harbor, IN Thursday 08/15/2019



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

Sample ID		рН	Analyst	Date/Time of Analysis
Buffer ID: Meter ID:	4: 185909	7: 188312	187680	Date: Finite of Arranysis
Calibration .	4 (7K10)		ter	8-15-19 0900
ICV	4 🗇 / 10	6.99		1 13 11 010C
Slope		99.3		
Lake 999		8.23		
Location 001		8,14		
Location 002		8.41		
Location 011		8.00		
WAL 1				
WAL 2	***			
SWTP J-Box	<u> </u>	8.71		
DIW 131				
RSB .		8.87		
Dup- JBOX		8.09		
CCV		7.01		
		7.01	J J	
****		· · · · · · · · · · · · · · · · · · ·		
		<u> </u>		
				· · · · · · · · · · · · · · · · · · ·
				

Sample ID		рН	Analyst	I Doto/Time of Au I
Buffer ID:	4:	7:	10:	Date/Time of Analysis
Meter ID:			10.	
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				· · · · · · · · · · · · · · · · · · ·

Microbac Laboratories, Inc. - Chicagoland Division

Total Residual Chlorine - Amperometric Titration - SM Method 4500-CI E - 2000

STD ID / Lot # 14636 7 グイスシャー KI Solution: Acetate buffer: PAO Titrant: for Arcelor Mittal - Burns Harbor 0830 LCS ID: 4 9074 Date/Time: 6/ Analyst:___ pH Paper Lot #:

Sample Sample Vol. ID (mL) Blank 2-00 LCS	Vol					
	:		Titrant Start	Titrant Stop	Titrant Vol.	Result
		pH (pH Units)	(mL)	(mL)	(mL)	(mg/L)
TCS SOT	0	4.0	00.0	00.0	0.00	0.00
		4.0		0.02	8.02	0.02
Outrail 001		0-h		00.00	00.0	60.0
Outfall 002		4.0		00.0	00.0	00.0
Outfall 003		4.0		9,	900	0.0
Outfall 011		4.0		00.0	0.00	0.0
Outfall 011 Dup		4.0		00.0	00.0	
Outfall 003 Dup	,	4,0		00.0	000	0.00

Date/Time:	Date/Time: 8-15-19 0900	^			STD ID / Lot #	Exp Date
Analyst:	1815			KI Solution:	KI Solution: 140367	61-04-5
pH Paper Lot #: 14/626	41626	Exp. Date		Acetate buffer: 129 コル	されるこ	ローニーの
TCS ID:	44014	02-11		PAO Titrant	145348	5-31-20
Sample	Sample Vol.		Titrant Start	Titrant Stop	Titrant Vol.	Result
Ω	(lm)	pH (pH Units)	(m)	. (jw)	(lm)	(ma/L)
Blank	200	4.0	Θ	8,0	0.00	0.00
rcs		4.0	-	2.0	13:0	0.11
Outfall 001		4.0		0,0	0.00	00.0
Outfall 002		4.0		0,0	80.0	00.0
Outfall 003		4.0		8,0	00.0	00.00
Outfall 011						
Outfall 011 Dup						
Outfall oof Dup	<i>-</i> }	4.0	3	8.0	0.0	0,0

Chlorine, mg/L = (Titrant Vol., mL) (200 mL) / (Sample Vol., mL)

revision: a_01_2016

307233 Daily work authorization form for all visiting workers

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.

MISSOBA

Company name_ Section 1

ArcelorMittal representative 6



orkers	
nust meet face to face with the ArcelorMittal	
any specific safety requirements.	ArcelorMittal
The named contractor or work crew is cleared to perform the job described herein:	ob described herein:

Location and project/job description ENVICE	13400		A Pro	eloriviitta eloriMitta	Arcelorivilital representative department ArcelorMittal representative phone number	umber 4863	Cell Cell	2 M J
Section 2 MAREA TE	1557,NG		U°			. 20	Clinic pickup point 46	
HIRAC-Lite	- E	γ	Yes N/A	A No				Yes N/A No
1) Are emergency evacuation areas identified and known?		7			10) Could someone be	10) Could someone be caught in or between anything?	hing?	
2) Is there a current and valid isolation (LOTO) procedure?			7		11) Could someone ge	11) Could someone get hurt as a result of a fall from height?	om height?	
3) Will everyone apply a personal safety lock?		THE TOTAL	N		12) Can something fal	12) Can something fall and/or strike me or someone else?	one else?	
4) Are there adjacent work crews exposed (including ArcelorMittal employees)?	Mittal employ	ees)?	<u> </u>	P	13) Is everyone prope	13) Is everyone properly trained for this job?		
5) Are there potential hazards or high risk job steps?	· Wester Div	100000000000000000000000000000000000000	4	þ	14) Are flags and derails in place if needed?	ils in place if needed?		
6) Do we have the correct tools for the job?	W 1 644	*			15) Can we slip or trip	15) Can we slip or trip on anything (including travel to and from the job)?	el to and from the job)?	
7) Is additional PPE required?				4	16) Have all affected people been notified?	eople been notified?		
8) Is there a potential for exposure (chemical, radiation, laser, temperature)?	, temperature) ¿(i		<u></u>	17) Can we strain or o	Can we strain or overexert ourselves?	- 50 mm	
9) Is someone working on or near energized electrical equipment (motor contro rooms, overhead power lines, etc.)?	nent (motor c	ontrol		4	18) Has equipment be equipment, etc.)	18) Has equipment been inspected prior to use? (tools, PPE, mobile equipment, etc.)	tools, PPE, mobile	
Other Hazards and Considerations for Discussion					8		Permits	
Yes N/A No	Yes	s N/A No			Yes N/A No	Yes N/A No		Yes N/A No
19) Pneumatic air tools & lines 🔵 🥅 24) Housekeeping			29) Sca	Scaffold work	133		37) Confined space	
20) Vehicle / mob equip traffic 📂 🗀 📑 25) Production hazards	hazards (30) Exp	Explosives	1 34)	oise	38) Energized electrical work	work
21) Gas hazards-CO, CO2, etc. 🛑 🗀 👣 26) Material handling	andling (31) Bar	Barricades	(35) Lasers	sers 🛑	39) Excavation / drilling	
	rigging (32) Radiation	diation	36) Sewers	wers	40) Hot work	
23) Pressurized / steam pipe 🏻 🛑 🗀 🌁 28) Overhead work	work						41) Other	
1000 0000			Hierarchy	of Controls	1. Elimination 2. Substitution	Hierarchy of Controls 1. Elimination 2. Substitution 3. Engineering 4. Administrative	5. PPE	
Visiting worker name (print) Badge # Hazard # Hazard #	# p	Cor	Controls		Responsible Person	Hazard #	Controls	Responsible Person
		100	7			11191 62 14		· Strange
CHANGE STATE OF THE PROPERTY.	्रा कि है ति।	20 m 105			4 (v End Made
51	Bewalt	s of s	CAROC	N	rfacs			
7	Proper	(1++11)	6	Fac	clear		Control of the Contro	4 . 1951
Q.R.	Chi	1	2000	3				
						A Thoras and Asia		
	4		1					
The second secon								
	official at							=+4
	7. 17. 17. 17.	100	Tell	2				
					200	1		
My crew and I are familiar with the safety hazards/considerations for this job. We	ons for this job		repared 1	to perforr	n the work in a safe "wo	are prepared to perform the work in a safe "workmanship" like manner. I have reviewed these considerations with the	lave reviewed these consi	derations with the

2016-04-BH-DailyWorkAuthorization

Controlled by Maintenance Administration Dept. ArcelB和回便a2BURf H3bor

Original to contractor, (1) copy to AreclorMittal representative

(Ensure form is fully completed prior signing)

ArcelorMittal representative named Contractor or crew leader

ArcelorMittal representative ${\cal H}$

Replacement rep/phone_

Burns Harbor

296613	- 15 - 155	Percent job complete	Job notes												s job capital work?					ees, hours, and date listed on the d plant work location listed above	Job title	Date
Form number	Requisition number		Billable equipment/subcontractors/material	Description	Hours/amt total	Description	Hours/amt total	Description	Hours/amt total	Description	Hours/amt total	Description	Hours/amt total	Description	Hours /amt total		tion of the abbreviations.	TST		I the undersigned have verified that contractor employees, hours, and date listed on the timesheet are accurate, complete, paid for the date and plant work location listed above.	Arcelor Mittal authorization Signature	1 2 1
Contractor ref #/job #			Billable Total equipme	0	Qty	Ω	Oty	Ω	Oty	Q	Qty	Ω	Oty	0	B B	1	f form for an explanat	TQ SI	Section 6	I the undersign timesheet are a	Arceior Mittal al	Printed name
Contract	5 5	いいろい	OT PDT													×	on. See reverse side o	MW	Section 5	Work authorization permit #		,
J Y	PO number	522 -	ST	- 1			\$.							heet (ours &	date	of each abbreviati	LA II			3	83
Contractor company name		Description of work	First name	747 15	i i									Total hours this sheet	Previous hours	Total hours to date	Enter the total hours worked by each craft in the box to the right of each abbreviation. See reverse side of form for an explanation of the abbreviations.	SNI		I the undersigned attest that the hours recorded on the timesheet were actually worked by the contractor employee at the plant work location on the date listed above.	イラ STRシバト	Date
Day	Howard	Call To Es	Firs	ASTEDチ													hours worked by each	Z Z		hours recorded on the plant work location on	±	
Date 8/15/19 Shifts	ArcelorMittal Representative Wester	Department \mathcal{R}	Section 2 Badge no. Last name	176294 COODP1							\$X.	,		7.73	Shift and time	ע ≣	Section 3 Enter the total PABW CL	88	Section 4	I the undersigned attest that the hours recorded on the timesheet were actu the contractor employee at the plant work location on the date listed above.	Collidated autilographic signature	Printedhamp