

Work Order No.: 19H0448

August 22, 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 8/8/2019 10:30:00AM for the analyses presented in the following report as Work Order 19H0448.

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 Hadgala

Carey Gadzala Project Manager



### **WORK ORDER SAMPLE SUMMARY**

Date:

Thursday, August 22, 2019

Client: Arcelor Mittal USA, Inc.

Project: Thursday Lab Order: 19H0448

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
19H0448-01	011-Composite	011	08/07/2019 06:00	8/8/2019 10:30:00AM
19H0448-02	011-Grab	011	08/07/2019 06:00	8/8/2019 10:30:00AM
19H0448-03	001-Composite	001	08/07/2019 06:10	8/8/2019 10:30:00AM
19H0448-04	001-Grab	001	08/07/2019 06:10	8/8/2019 10:30:00AM
19H0448-05	Mixed Liquor-Grab	Mixed Liquor	08/08/2019 06:30	8/8/2019 10:30:00AM
19H0448-06	J-Box-Grab	J-Box	08/08/2019 06:28	8/8/2019 10:30:00AM
19H0448-07	RSB FT Overflow-Grab	RSB FT Overflow	08/08/2019 07:12	8/8/2019 10:30:00AM
19H0448-08	999-Grab	999	08/08/2019 07:22	8/8/2019 10:30:00AM
19H0448-09	002-Grab	002	08/07/2019 07:42	8/8/2019 10:30:00AM
19H0448-10	CM1-Grab	CM1	08/08/2019 00:00	8/8/2019 10:30:00AM
19H0448-11	CM2-Grab	CM2	08/08/2019 00:00	8/8/2019 10:30:00AM
19H0448-12	CM6 Grab	CM6	08/08/2019 00:00	8/8/2019 10:30:00AM
19H0448-13	HM1-Grab	HM1	08/08/2019 00:00	8/8/2019 10:30:00AM
19H0448-14	HM2-Grab	HM2	08/08/2019 00:00	8/8/2019 10:30:00AM
19H0448-15	HM3-Grab	HM3	08/08/2019 00:00	8/8/2019 10:30:00AM



Field Results		Date: Thursd	ay, August 22, 2019
Client: Client Project:	Arcelor Mittal USA, Inc. Thursday	Work Order:	19H0448
Client Sample ID:	011-Grab	Work Order/ID:	19H0448-02
Sample Description:	011	Sampled:	08/07/2019 06:00
Matrix:	Aqueous	Received:	08/08/2019 10:30
Analyses		Result	Units
рН		8.0	pH Units
Client Sample ID:	001-Grab	Work Order/ID:	19H0448-04
Sample Description:	001	Sampled:	08/07/2019 06:10
Matrix:	Aqueous	Received:	08/08/2019 10:30
Analyses		Result	Units
рН		8.0	pH Units
Client Sample ID:	J-Box-Grab	Work Order/ID:	19H0448-06
Sample Description:	J-Box	Sampled:	08/08/2019 06:28
Matrix:	Aqueous	Received:	08/08/2019 10:30
Analyses		Result	Units
рН		8.7	pH Units
Client Sample ID:	RSB FT Overflow-Grab	Work Order/ID:	19H0448-07
Sample Description:	RSB FT Overflow	Sampled:	08/08/2019 07:12
Matrix:	Aqueous	Received:	08/08/2019 10:30
Analyses		Result	Units
рН		9.0	pH Units
Client Sample ID:	999-Grab	Work Order/ID:	19H0448-08
Sample Description:	999	Sampled:	08/08/2019 07:22
Matrix:	Aqueous	Received:	08/08/2019 10:30
Analyses		Result	Units
рН		8.3	pH Units
Client Sample ID:	002-Grab	Work Order/ID:	19H0448-09
Sample Description:	002	Sampled:	08/07/2019 07:42
Matrix:	Aqueous	Received:	08/08/2019 10:30
Analyses		Result	Units
рН		8.4	pH Units



CASE NARRATIVE Date: Thursday, August 22, 2019

Client: Arcelor Mittal USA, Inc.

Project: Thursday Lab Order: 19H0448

Revised to include NH4 results on Outfalls 001 /011.



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 011-Composite
 Work Order/ID:
 19H0448-01

 Sample Description:
 011
 Sampled:
 08/07/2019
 6:00

 Matrix:
 Aqueous
 Received:
 08/08/2019 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: EPA 350.1 Rev 2.0 Analyst: ABG Prep Date/Time: 08/22/2019 04:56 Nitrogen, Ammonia as N 08/22/2019 10:37 A 0.27 0.10 mg/L Nitrogen, Ammonia (As N) ei



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 001-Composite
 Work Order/ID:
 19H0448-03

 Sample Description:
 001
 Sampled:
 08/07/2019
 6:10

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: EPA 350.1 Rev 2.0 Analyst: ABG Prep Date/Time: 08/22/2019 04:56 Nitrogen, Ammonia as N 08/22/2019 10:40 A 0.35 0.10 mg/L Nitrogen, Ammonia (As N) ei



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 Mixed Liquor-Grab
 Work Order/ID:
 19H0448-05

 Sample Description:
 Mixed Liquor
 Sampled:
 08/08/2019
 6:30

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

Analyses	Certs	AT	Result	MDL	RL	Qual U	nits DF	Analyzed
			Method: S	M 2540 F-19	97		А	nalyst: <b>DAT</b>
Settleable Solids							Prep Date	e/Time:08/08/2019 10:53
Settleable Solids	i	Α	300	1.0	1.0	ml/L	1	08/08/2019 10:53
			Method: S	SM 2540 D-19	97		А	nalyst: <b>KMT</b>
Total Suspended Solids							Prep Date	e/Time:08/08/2019 10:45
Total Suspended Solids	eij	Α	2700	1.0	1.0	mg/L	1	08/08/2019 12:45



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 J-Box-Grab
 Work Order/ID:
 19H0448-06

 Sample Description:
 J-Box
 Sampled:
 08/08/2019
 6:28

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 12 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 CM1-Grab
 Work Order/ID:
 19H0448-10

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

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 15 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 CM2-Grab
 Work Order/ID:
 19H0448-11

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

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 20 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 CM6 Grab
 Work Order/ID:
 19H0448-12

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

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 10 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 HM1-Grab
 Work Order/ID:
 19H0448-13

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

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 14 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 HM2-Grab
 Work Order/ID:
 19H0448-14

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

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 14 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij



Client: Arcelor Mittal USA, Inc.

Client Project: Thursday

 Client Sample ID:
 HM3-Grab
 Work Order/ID:
 19H0448-15

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

 Matrix:
 Aqueous
 Received:
 08/08/2019
 10:30

ΑT Result MDL RL Units DF **Analyses** Certs Qual Analyzed Method: SM 2540 D-1997 Analyst: KMT **Total Suspended Solids** Prep Date/Time: 08/08/2019 10:45 A 16 1.0 1.0 mg/L 08/08/2019 12:45 Total Suspended Solids eij

### **ANALYTE TYPES: (AT)**

A,B = Target Analyte
I = Internal Standard

M = Summation Analyte

S = Surrogate

T = Tentatively Identified Compound (TIC, concentration estimated)



### **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

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.

### **Cooler Receipt Log**

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: 19 Ho 448

\* Date Obtained 8-8-/ \*\* Sample Date: 8-7-/

										<del></del>
Location	Time	Sampler	Туре	Preserved	Cooled	Containers		1	D	
	1,1110		1,700	1 10301464	COOlea	Type	Qty	Vol. (ml)	Parameters	Comments
011 **	16:00	9	Comp	No	Yes	Glass	1	4000		01
	ve.co		Grab	No	No	Plastic	1	500	рН	02
001 **	1/2:10		Comp	No	Yes	Glass	1	4000		03
	10.10		Grab	No	No	Plastic	. 1	125	рН	04
Mixed Liquor *	06:30		Grab	No	No	Plastic	1	2000	TSS, Settling	05
DIW-131 *	NA		Grab	No	No	Plastic	1	125	РH	
J-Box *	06:28		Grab	No	No	Plastic	1	1000	TSS, pH	06
RSB FT Overflow *	07:12		Grab	No	No	Plastic	1	125	Hq	07
999 *	07:22		Grab	No	No	Plastic	1	500	рН	08
002 **	07:42		Grab	No	No	Plastic	1	125	На	09
SWTP *	14	****	Grab	No	No	Plastic	76	1000	TSS	10-15

\*\*\* WPL is for previous sample date

\*\*\*\* Sample collected by Water Process personnel

No CM3

2.7 -0.3 2.4°C

Relinquished by:

Received by:

B- · OFF

Date: 8-8-19

Date: 8/8//9

Time: 07:50

Time: 0820

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

19H0448 Carey Gadzala ArcelorMittal - Burns Harbor, IN Thursday 08/08/2019



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

Sample ID		рН	Analyst	Date/Time	of Analysis
Buffer ID:	4: 185909	7: 188312	10: 187680		
Meter ID:			BAO	8/7/14	0800
Calibration	(4)1010	6.98			
CV	4 1/1 10				
Slope		99.9			
_ake 999		8.25		1	
Location 001		7.73			
Location 002		8.46			
Location 011		7.95			
WAL 1		8.72			
WAL 2					
SWTP J-Box		8-75			
DIW 131		9.02			_
RSB		8.78			
Dup- ブBo×		7.01		,	<u> </u>
CCV		7.86		,	
colduell		1.00			

Comple ID		рН	Analyst	Date/Time of Analysis
Sample ID  Buffer ID:	4: 185909	7: 188312	10: 187680	
Meter ID:	(A)1(D)1(D)		BAO	8/8/14 0820
Calibration		6.98	(	
CV	4/10/10	100.1		
Slope				
Lake 999		8-31		
Location 001		8.42		
Location 002				
Location 011		8.03		
WAL 1				
WAL 2				
SWTP J-Box		8.73		
DIW 131	-			
RSB		9.04	. '	
Dup- RSB		9.05		
CCA		7.01		<u> </u>
			· .	
		·		

# Total Residual Chlorine - Amperometric Titration - SM Method 4500-CI E - 2000 Microbac Laboratories, Inc. - Chicagoland Division

for Arcelor Mittal - Burns Harbor

Date/Time: $8/8/19$ 0820	80 1	9 21			STD ID / Lot #	Exp. Date
140				KI Solution:	KI Solution: / 4636 /	6 1/25/9
HT626 Exp. Date	Exp. Date			Acetate buffer:	Acetate buffer. 129216	10/11/13
A9074 11/20	11/20			PAO Titrant:	PAO Titrant 145348	5/11/5
Sample Vol.		ļ	Titrant Start	Titrant Stop	Titrant Vol.	Result
(mL) pH (pH Units)	pH (pH Units	) [	(mL)	(mL)	(mL)	(mg/L)
200 4.0	4.0		00.00	0.00	0.00	00.0
4.0	4.0			0.04	40-a	40.0
4.0	4.0			0.00	0.00	00.0
4.0	4.0			0.00	00.0	00.0
4.0	4.0			0.00	00.0	00-0
					<u>.</u>	
		-				

Date/Time:					STD ID / Lot #	Exp. Date
Analyst:				KI Solution:		
pH Paper Lot #:		Exp. Date		Acetate buffer:		
LCS ID:				PAO Titrant:		
Comple	Cample Vol		Titront Ctort	Titrant Ston	Titrant Vol	Hised
Calibia	Calliple Vol.		- וווסור סומור	יומפוון סוסף		ואפסעור
۵	(ml)	pH (pH Units)	(ml)	(m)	(lm)	(mg/L)

0.00

0000

Outfall pp 3

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

dn<sub>O</sub>

Outfall 011

Outfall

Outfall 011

Outfall 003

Outfall 002

Outfall 001

Blank SS revision: a\_01\_2016

Page 19 of 21

## Burns Harbor

Section   Date 8   8	S   19 Shift	5	Contractor company name	F 175	Labs	Con	Contractor ref #/job #		Form	Form number	296592
ArcelorMitt	Arcelor Mittal Representative ( Lawa	" Ch		100	PO number	i kr			Requisition number 079989	26.	
Department E	gui	a ·	Description of work	X V	y les	60					Percent job complete
Section 2 Badge no.	Last name	<u> </u>	First name	Craft	ST	TO	Total	Billable	Billable equipment/subcontractors/material	Job notes	
240491	040		Brian	13			1	<u>_</u>	Description	) <sup>†</sup>	
					- EN-13			QQ.	Hours/amt total		10
						2 16	(A)	Q	Description		
				35	8	12	31.	\$	Hours/amt total		
											P.
								<u>□</u>	Description	7 K 1877 KC 1871	
	8	Se.			3			Qt/	Hours/amt total		
								<u></u>	Description		
								È	Hours /amt total		
			4.5.6					<u>}</u>			
				i				<u>□</u>	Description		
					h			Oty	Hours/amt total		
, sh	omit treat		Total hour	Total hours this sheet	J	· 5. (		Ω	Description		
5	ר אנשו ר רווווגב		Pre	Previous hours			AND RESIDENCE			Is this job capital work?	vork?
ნ : :	Shift end time		Total h	Total hours to date	1		)	At/	Hours/amt total	Yes	N <sub>o</sub>
Section 3	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.	orked by ead	ch craft in the box to t	he right of eac	th abbreviati	on. See reverse si	de of form for an	explanation	of the abbreviations.		
BL	88	I A	SNI		Z Y	MM		PT	TST		
BM	CP	F	MI		CIC	OE		SU	TM		
Section 4						Section 5	0 /	91			
the contract	I use undersigned access that the hours recorded on the timesheet were actually worked by the contractor employee at the plant work location on the date listed above.	ecorded on to	tne timesneet were act on the date listed abov	tually worked e.		Work authorization permit #		dersigned l et are accu	I the undersigned have verified that contractor employees, hours, and date listed on the timesheet are accurate, complete,/valid for the date and plant work location listed above.	employees, hours, and de late and plant work locat	ite listed on the ion listed above.
Contractor	Contractor authorization signature	ET.	. 1	, t	4		Arcelori	Mittal alltho	Arcelor Mittal authorization signature	Job title	Sursell
Printed name	0140		Date 8/8	61/		306899	Printed name	name	T	Date 8/8/	6),
White - Contractor	ctor Canary - Contractor Pink - AM Receiver	Pink - AM Rec	seiver Gold - AM Authorizer	orizer			}		Pane of	10	Page 20 of 21

### 306899

Daily work authorization form for all visiting workers	ition to	rm tor all	visiting	MO	Ke	<b>ω</b>				4	1
rolled in Deloie 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.	rk at tne Job ork and disc	site, a contractor uss the work to be	representativ performed a	e mus ind any	spec spec	face to face with the Arce ic safety requirements.	elorMittal	Arce	lor	ArcelorMitta	3
Section 1 M . 6	6.60			The	name	The named contractor or work crew is cleared to perform the job described herein:	cleared to perform the jo			9	e E
)	Gad	رم	868-892	Arc Arc	elorMi	ArcelorMittal representative USANE ArcelorMittal representative department	Fel Trans	Date X(8)	5)		c ce
cription	Enviro	Blag water	Sarples	Aro I	elorMi	ArcelorMittal representative phone number	78,7	Cell			
HIRAC-Lite	TIME .	2 1 10 10 10 10 10 10 10 10 10 10 10 10 1	Yes	s N/A	No No				Yes	N/A	No
1) Are emergency evacuation areas identified and known?	ntified and kr	lown?				10) Could someone be c	10) Could someone be caught in or between anything?	thing?	+	-	
2) Is there a current and valid isolation (LOTO) procedure?	(LOTO) proce	dure?		4	6	11) Could someone get	11) Could someone get hurt as a result of a fall from height?	rom height?	0		4
3) Will everyone apply a personal safety lock?	y lock?	1284 C		М	<u></u>	12) Can something fall a	12) Can something fall and/or strike me or someone else?	one else?	•		
4) Are there adjacent work crews exposed (including ArcelorMittal employees)?	sed (including	ArcelorMittal empl	oyees)?   🥌			13) Is everyone properly trained for this job?	y trained for this job?		4		
5) Are there potential hazards or high risk job steps?	isk job steps?			14	100	14) Are flags and derails in place if needed?	s in place if needed?	THE REAL PROPERTY OF THE PERSON NAMED IN			
6) Do we have the correct tools for the job?	job?		-			15) Can we slip or trip o	Can we slip or trip on anything (including travel to and from the job)?	vel to and from the job)?	6		
7) Is additional PPE required?				L	<b>1</b>	16) Have all affected people been notified?	sople been notified?				
8) Is there a potential for exposure (chemical, radiation, laser, temperature)?	emical, radiati	on, laser, temperati	ıre)? 🛑	L		17) Can we strain or overexert ourselves?	erexert ourselves?				
9) Is someone working on or near energized electrical equipment (motor control rooms, overhead power lines, etc.)?	gized electrica	al equipment (moto	control	L		18) Has equipment beer equipment. etc.)	18) Has equipment been inspected prior to use? (tools, PPE, mobile equipment, etc.)	(tools, PPE, mobile	•		
Other Hazards and Considerations for Discussion	or Discussion				$\ $			Permits	Ē	L	
Yes N/A	A No		Yes N/A No			Yes N/A No	Yes N/A No	County and a state of the	Yes	s N/A	No
19) Pneumatic air tools & lines   🛑 🔚	24) H	24) Housekeeping		29) Scaffold work	ffold		0	37) Confined space			
20) Vehicle / mob equip traffic	📘 🜓 25) Pı	25) Production hazards		30) Explosives	losive	<b>(4)</b> Noise	ese	38) Energized electrical work	ork		
21) Gas hazards-CO, CO2, etc.   🛑   🧀		26) Material handling		▶ 31) Barricades	ricade	(35) Lasers	ers 🛑	39) Excavation / drilling			
22) Hot process, metal, temp.	27) CI	27) Crane and rigging		22) Radiation	liation	(a) 36) Sewers	vers 🛑	40) Hot work			
23) Pressurized / steam pipe		28) Overhead work						41) Other			
Section 3 Visiting worker name (print) Badg	Badge #	Hazard #	Hiera Controls	lierarchy rols	of Contr	Hierarchy of Controls 1. Elimination 2. Substitution 3 trols	<ol> <li>Engineering 4. Administrative Hazard #</li> </ol>	5. PPE Controls	Respor	Responsible Person	rson
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(Ensure form is fully completed prior to signing) Original to contractor, (1) copy to AreclorMittal representative ArcelorMittal representative\_ Contractor or crew leader\_

ArcelorMittal representative named balow.

Controlled by Maintenance Administration Dept. ArcelB和母便a 路山舟 吊扫bor Replacement rep/phone\_

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