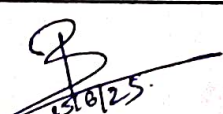
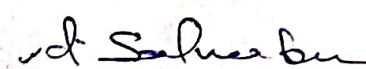



VAAMAN ENGINEERS INDIA LIMITED					
Tata Steel, Meramandali, Dhenkanal					
JOB MEASUREMENT SHEET					
PLANT :-	TSM	DEPARTMENT :-	RMPP	AREA :-	Iron ckt
WORK PERMIT NO :-	11001588 7977 11001588 7978	JOB DATE FROM :-	15/6/25	TO :-	16/6/25
WORK ORDER NO :-	VEIL / 3000181328 / A06	TIME FROM :-	10pm	TO :-	6AM
PLANNED DURATION :-	08 HOURS	ACTUAL DURATION :-	08 HOURS		
Sl. No.	Srvl No	Service No	Service Description		Quantity
1	10	USCTSS09A520	SKILLED		07
	20	USCTSH04A799	HIGHLY SKILLED [FITTER/W.C/RIGGER]		01
2	30	USCTSH04A800	HIGHLY SKILLED [SUPERVISOR/SAFETY SUPERVISOR]		01
3	40	USCTSS06A212	SEMI SKILLED		02
Actual Job Description					
① Running conveyor inspection work					
Rating					
Category	Poor	Satisfactory	Good	Very Good	
Safety					
Ownership					
Job Quality					
Manpower Quality					
Tools					
House keeping					
Overall Service					
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  SIGN-VEIL </div> <div style="text-align: center;">  SIGN-TSM </div> </div>					

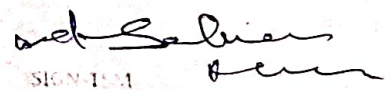
VAAMAN ENGINEERS INDIA LIMITED

Tata Steel Meramandal, Dheroi

JOB MEASUREMENT SHEET - MANCO

SL.NO	E-CODE	EMPLOYEE NAME	DESIGNATION	DATE	IN TIME	OUT TIME	HRS
1	AW0621107874	Pradyumna Sahoo	SNP	HSK	C	10PM 6AY	8
2	AW0000L065271	Prabin K Sahu	Fitter	HSK	"	"	"
3	AW0000L066026	Mritunjay Gadgaj	Fitter	SK	"	"	"
4	AW0000L065564	Mohanrajan Sahoo	Rigger	SK	"	"	"
5	AW0000L065658	Samir Behera	Rigger	SK	"	"	"
6	AW0621106943	Deepu Samal	W/C	SK	"	"	"
7	AW0000L065346	Bhargav Sahoo	Helper	SSK	"	"	"
8	AW0000L066894	Nirav Naik	Fitter	SK	"	"	"
9	AW0821114762	Chandan Samal	W/C	SK	"	"	"
10	AW0000V041040	Anil Gadgaj	Rigger	SK	"	"	"
11	AW0721113520	Niranjan Jena	Helper	SSK	"	"	"
12							
13							
14							
15							
16							
17							
18							
19							
20							


SIGN-VEIL


SIGN-1

EHSMSM/WORKS/446/4007

Effective Date : 14-12-2017

Rev. #6

TATA STEEL Ltd.

Sl. No : 110015887977

Date : 15-06-2025

Reference Safety Standard 1.SS/GEN-25 (Work Permit System) & 2.SS/GEN-26(Positive Isolation)
 PERMIT TO WORK FOR INDIVIDUAL AGENCY-To be filled in Triplicate. Original(blue), duplicate(white)& Triplicate(yellow)

Permit to work format is valid for only one job in the specific area
 (a) For routine/non routine jobs, Shut down jobs and break down jobs (<48 hrs jobs) permit will be renewed after one shift
 (b) For MSD (>48 Hrs. jobs), permit may be renewed after 24 Hrs*

Department: Angul RMPP/RMHS 1&2/IRON PRO_RMPP

Section : IRON ORE FEEDING TO DRI

Original permit valid From (Date & Time) : 15-06-2025 22:00:00

To (Date & Time) : 16-06-2025 06:00:00

1st renewal valid From (Date & Time) : 0000-00-00 00:00:00

To (Date & Time) : 0000-00-00 00:00:00

2nd renewal valid From (Date & Time) : 0000-00-00 00:00:00

To (Date & Time) : 0000-00-00 00:00:00

1. Name / Description of Job: RUNNING CONVEYOR INSPECTION DAYBIN

2. Name of Working Agency and Work Order No: V2(VAAMAN ENGINEERS(I)LTD) & 3000181328

3. Work Permitted only for the area / Equipment (Name / No.): (Attach extra sheet if required for equipment)

TSA-RMH-IOP-IOP_DRIF/IRON ORE FEEDING TO DRI (IRON ORE FEEDING TO DRI)

4. TYPE OF JOB (To be filled by Working Agency and verified by Executing Agency) (Use ✓ or ✗ as appropriate)

- a) Welding/Gas cutting ☐ b) Rigging / Fittings ☒ c) Working at Height ☐
 d) Hydraulic/Pneumatic ☐ e) Painting/Cleaning ☐ f) Confined Space ☐
 g) Gas ☐ h) Electrical ☐ i) Others (Specify) ☐

NOTE : For instruction/Checklist on above job see overleaf. Working Agency must verify all requirements by himself before applying Work Permit and Executing Agency must verify before issue of Work Permit.

5. NECESSARY PRECAUTION / CONTROLS TAKEN FOR ABOVE JOB (To be filled by Permit Issuer)(Use ✓ or ✗ as appropriate)

- a) Gas Hazards permit taken (EHSMSM/WORKS/446/4001), Permit no. : ☐
 b) Confined Space permit taken (EHSMSM/WORKS/446/4002), Permit no. : ☐
 c) Electrical Power Cutting for category I job done (EHSMSM/WORKS/446/4005), Permit no. : ☐
 d) Grounding & Discharging for category II job done (EHSMSM/WORKS/446/4010), Permit no. : ☐
 e) Hydraulic / Pneumatic energy isolation permit taken (EHSMSM/WORKS/446/4016), Permit no. : ☐
 f) Hot work permit taken (EHSMSM/WORKS/446/4017), Permit no. : ☐
 g) Mechanised excavation/grading clearance (EHSMSM/WORKS/446/1018), Permit No. : ☐
 h) Permit to dump taken (EHSMSM/WORKS/446/4019): ☐
 i) Positive Isolation done (Energy Isolated/released)(Positive Isolation Group Lock No & personal lock No): ☐

6. Special instruction, if any(owner agency):

7. I understand the hazard involved and have taken all necessary precautions for the job.

	Permit Original				1st renewal			2nd renewal		
	Requested by (Exc.Agency)	Issued by (Own.agency)	Taken by (Wor.agency)		Requested by (Exc.Agency)	Issued by (Own.agency)	Taken by (Wor.agency)	Requested by (Exc.Agency)	Issued by (Own.agency)	Taken by (Wor.agency)
				For Cent. Agency			For Cent. Agency			For Cent. Agency
P.N/ Name	914401/Mohammad Salman Khan	910609/Sanjay Pathak	V083/PRADYUMNA SAHOO							
Designation / Dept.	/	/	/							
Signature/ Date & Time	15.06.2025 /22:36:04	15.06.2025 /22:45:22	V083 -15.06.2025 /23:18:59							
D.Signature										

8. Return of Permit: All men/material removed after job completion.

	Returned by(Wor.Agency or taken by)	Received(Exc.Agency or requester)	Received by (Own.Agency or Issuer)
Name/ P.N.	V083/PRADYUMNA SAHOO	914401/Mohammad Salman Khan	914152/VIDYA KUMARI MAHATO
Designation/Dept.	/	/	/
Signature/ Date & Time	16.06.2025 /05:48:38	16.06.2025 /07:15:48	20.06.2025 /16:57:28

- (a) Blue colour copy to be retained by the Working Agency; (b) White copy to be retained by the Owner Agency;
 (c) Yellow colour copy to be retained by the Executing Agency.

- Permit to be signed by Shift In charge/Person In charge of the Job/Supervisor/Officer/Sr. Associate/JE1/Associate/KPO-3/KPO-2/Any other person authorised by Head/Chief of the Department
- If the job is being done under Central Working Agency like MSG/Engg. Services, etc., permit to work will be requested by the department under whom the job will be carried out.
- Contractor should provide one Site Safety Supervisor for 30 contract employee.
- Proximity/6 direction hazards should be assessed and filled by Executing Agency before starting of job and communicate to Working Agency

SIX DIRECTIONAL HAZARD FORM (To be filled by executing agency)

Direction	Hazards Observed	Precautions/Measures to be taken	Remarks
NORTH	DUST HAZARD	USE NOSE MASK AND GOGGLES	
SOUTH	RUNNING EQUIPMENTS	KEEP SAFE DISTANCE FROM RUNNING EQUIPMENTS	
EAST	ELECTRICAL PANNEL	DON'T TOUCH WHILE WORKING	
WEST	STUMBLLING HAZARDS	USE HANDRAIL WHILE USING STAIRCASE	
TOP	FALL OF LOOSE MATERIALS	USE SAFETY HELMETS AND PROPER PPES	
BOTTOM	UNEVEN SURFACE	WALK PROPERLY	

Mohammad Salman Khan

Sign. of Permit Requested by

Check Points	(Checked by Working Agency (Use ✓ or X as appropriate \$ NA for not applicable))
1. Standard Operating Procedure has been made and approved in form EHSMSM/WORKS/446/4013	✓
2. Welder cum Gas Cutter and Rigger (at least height test) must have trade test pass certificate from ITI or any institute which is certified by SNTI/Safety Department, Tata Steel.	✓
3. All persons are Certified medically fit.	✓
4. All lifting tools and tackles are in good condition with valid test certificate.	✓
5. All persons are trained on standard operating procedure (SOP)	✓

Details of working persons

Sl No.	Name	P.No./Gate Pass No.	Incoming time	Outgoing time	Tool box meeting (Y/N) Not applicable for Tata Steel Employee	1st renewal (Yes/No)	2nd renewal (Yes/No)
00001	ANIL GADNAYAK	TSP/183372/0525	22:31:52	05:48:36	Y		
00002	CHANDAN SAMAL	TSP/183418/0525	22:31:52	05:48:36	Y		
00003	NIRU NAIK	TSP/183374/0525	22:31:52	05:48:36	Y		
00004	NIRANJAN JENA	TSP/179760/0525	23:19:48	05:48:36	Y		

PRADYUMNA SAHOO/V083/BLUELOCK:NOTREQUIRE

Sign. of Permit Receiver (Working Agency)

Linked MO

Linked Equipment

SPECIMEN

EHSMSM/WORKS/446/4007
Effective Date : 14-12-2017

Rev. #6

Sl. No : 110015887978
Date : 15-06-2025

TATA STEEL Ltd.

Reference Safety Standard 1.SS/GEN-25 (Work Permit System) & 2.SS/GEN-26(Positive Isolation)
PERMIT TO WORK FOR INDIVIDUAL AGENCY-To be filled in Triplicate. Original(blue), duplicate(white)& Triplicate(yellow)

Permit to work format is valid for only one job in the specific area
(a) For routine/non routine jobs, Shut down jobs and break down jobs (<48 hrs jobs) permit will be renewed after one shift
(b) For MSD (>48 Hrs. jobs), permit may be renewed after 24 Hrs*

Department: Angul RMPP/RMIS 1&2/IRON PRO_RMPP

Section : SEC

Original permit valid From (Date & Time) : 15-06-2025 22:00:00
1st renewal valid From (Date & Time) : 0000-00-00 00:00:00
2nd renewal valid From (Date & Time) : 0000-00-00 00:00:00

To (Date & Time) : 16-06-2025 06:00:00
To (Date & Time) : 0000-00-00 00:00:00
To (Date & Time) : 0000-00-00 00:00:00

1. Name / Description of Job: running inspection and sway adjust
2. Name of Working Agency and Work Order No: V2(VAAMAN ENGINEERS(I)LTD) & 3000181328
3. Work Permitted only for the area / Equipment (Name / No.): (Attach extra sheet if required for equipment)

TSA-RMH-IOP/IRON PRO_RMPP (IRON)

4. TYPE OF JOB (To be filled by Working Agency and verified by Executing Agency) (Use ✓ or X as appropriate)

- | | | | | | |
|------------------------|--------------------------|-----------------------|-------------------------------------|----------------------|--------------------------|
| a) Welding/Gas cutting | <input type="checkbox"/> | b) Rigging / Fittings | <input checked="" type="checkbox"/> | c) Working at Height | <input type="checkbox"/> |
| d) Hydraulic/Pneumatic | <input type="checkbox"/> | e) Painting/Cleaning | <input type="checkbox"/> | f) Confined Space | <input type="checkbox"/> |
| g) Gas | <input type="checkbox"/> | h) Electrical | <input type="checkbox"/> | i) Others (Specify) | <input type="checkbox"/> |

NOTE : For instruction/Checklist on above job see overleaf. Working Agency must verify all requirements by himself before applying Work Permit and Executing Agency must verify before issue of Work Permit.

5. NECESSARY PRECAUTION / CONTROLS TAKEN FOR ABOVE JOB (To be filled by Permit Issuer)(Use ✓ or X as appropriate)

- a) Gas Hazards permit taken (EHSMSM/WORKS/446/4001), Permit no. :
- b) Confined Space permit taken (EHSMSM/WORKS/446/4002), Permit no. :
- c) Electrical Power Cutting for category I job done (EHSMSM/WORKS/446/4005), Permit no. :
- d) Grounding & Discharging for category II job done (EHSMSM/WORKS/446/4010), Permit no. :
- e) Hydraulic / Pneumatic energy isolation permit taken (EHSMSM/WORKS/446/4016), Permit no. :
- f) Hot work permit taken (EHSMSM/WORKS/446/4017), Permit no. :
- g) Mechanised excavation/grading clearance (EHSMSM/WORKS/446/1018), Permit No. :
- h) Permit to dump taken (EHSMSM/WORKS/446/4019):
- i) Positive Isolation done (Energy Isolated/released)(Positive Isolation Group Lock No & personal lock No):

6. Special instruction, if any(owner agency):**7. I understand the hazard involved and have taken all necessary precautions for the job.**

	Permit Original				1st renewal			2nd renewal		
	Requested by (Exc.Agency)	Issued by (Own.agency)	Taken by (Wor.agency)		Requested by (Exc.Agency)	Issued by (Own.agency)	Taken by (Wor.agency)	Requested by (Exc.Agency)	Issued by (Own.agency)	Taken by (Wor.agency)
				For Cent. Agency			For Cent. Agency			For Cent. Agency
P.N/ Name	914401/Mohammad Salman Khan	910609/Sanjay Pathak	V083/PRADYUMNA SAHOO							
Designation / Dept.	/	/	/							
Signature/ Date & Time	15.06.2025 /22:48:56	16.06.2025 /00:12:51	V083 -16.06.2025 /00:28:28							
D.Signature										

8. Return of Permit: All men/material removed after job completion.

	Returned by(Wor.Agency or taken by)	Received(Exc.Agency or requester)	Received by (Own.Agency or Issuer)
Name/ P.N.	V083/PRADYUMNA SAHOO	914401/Mohammad Salman Khan	914152/VIDYA KUMARI MAHATO
Designation/Dept.	/	/	/
Signature/ Date & Time	16.06.2025 /05:49:05	16.06.2025 /07:16:08	20.06.2025 /16:57:50

- (a) Blue colour copy to be retained by the Working Agency; (b) White copy to be retained by the Owner Agency;
(c) Yellow colour copy to be retained by the Executing Agency.

1. Permit to be signed by Shift In charge/Person In charge of the Job/Supervisor/Officer/Sr. Associate/JE1/Associate/KPO-3/KPO-2/Any other person authorised by Head/Chief of the Department
2. If the job is being done under Central Working Agency like MSG/Engg. Services, etc., permit to work will be requested by the department under whom the job will be carried out.
3. Contractor should provide one Site Safety Supervisor for 30 contract employee.
4. Proximity/6 direction hazards should be assessed and filled by Executing Agency before starting of job and communicate to Working Agency

SIX DIRECTIONAL HAZARD FORM (To be filled by executing agency)

Direction	Hazards Observed	Precautions/Measures to be taken	Remarks
NORTH	stumbling hazard	use handrail while using staircase	
SOUTH	hit by object	work carefully	
EAST	cut & burn injury	use proper ppe's	
WEST	dust hazard	use nose mask	
TOP	material fall	use helmet	
BOTTOM	slip trip fall	use safety shoes	

Mohammad Salman Khan
Sign. of Permit Requested by

Check Points	(Checked by Working Agency (Use ✓ or X as appropriate & NA for not applicable))
1. Standard Operating Procedure has been made and approved in form EHSMSM/WORKS/446/4013	✓
2. Welder cum Gas Cutter and Rigger (at least height test) must have trade test pass certificate from ITI or any institute which is certified by SNTI/Safety Department, Tata Steel.	✓
3. All persons are Certified medically fit.	✓
4. All lifting tools and tackles are in good condition with valid test certificate.	✓
5. All persons are trained on standard operating procedure (SOP)	✓

Details of working persons

SI No.	Name	P.No./Gate Pass No.	Incoming time	Outgoing time	Tool box meeting (Y/N) Not applicable for Tata Steel Employee	1st renewal (Yes/No)	2nd renewal (Yes/No)
00001	BHARAT SAHOO	TSP/183387/0525	22:37:26	05:49:01	Y		
00002	DEEPU SAMAL	TSP/179750/0525	22:37:26	05:49:01	Y		
00003	MANORANJAN SAHOO	TSP/183398/0525	22:37:26	05:49:01	Y		
00004	MRUTYUNJAY GARNAYAK	TSP/183399/0525	22:37:26	05:49:01	Y		
00005	PRABIN KUMAR SAHU	TSP/183386/0525	22:37:26	05:49:01	Y		
00006	PRADYUMNA SAHOO	TSP/179733/0525	22:37:26	05:49:01	Y		
00007	SAMIR BEHERA	TSP/183412/0525	22:37:26	05:49:01	Y		

PRADYUMNA SAHOO/V083/BLUELOCK:NOTREQUIRE

Sign. of Permit Receiver (Working Agency)

Linked MO

Linked Equipment