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SOP No.	RMM/SOP/GEN/17	Effective Date	15.10.2013	REVISION No	03
SOP DESC	Transporting of Sand to A-F,G,H Fce	Section	GENERAL		
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Step No.	Activity (WHAT)	Associated Requirements/Hazards/Impacts	Responsibility (WHO)	Process / tools / PPEs (HOW)	Remarks / Reference
1	Before starting of the Job	prevailing in that area.Injury due to starting the	Contractor supervisor/ Foreman/ Sr.Incharge(Sand Line)	 Maintain a equipment allocation register. Operator must carry starting key along with him. Maintain a equipment status register Check the equipment as per check list and operate only when it is in healthy condition. Only trained person should be deployed in the job. Check whether that person is trained or not by seeing training record. Must know the role of others in that area. Training of Road, Transportation safety standard. 	Awareness of following safety standard is required:- Road: SS/GEN-12 Rail: SS/GEN-24 Loose Clothing: SS/GEN-2 EYE: SS/GEN-6,7 HEAD: SS/GEN-7 Transportation: SS/GEN-29. At all loading and unloading point supervisor must be present.

PREPARED BY	APPROVED BY	
Name and Desig.: Varun Kumar , Asst Manager	Name and Desig.: Prakash Singh, Chief RMM	
Laceust Col	Rida	
Signature with Date: 12.10.2013	Signature Wth Date: 13.10.2013	

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Step No.	Activity (WHAT)	Associated Requirements/Hazards/Impacts	Responsibility (WHO)	Process / tools / PPEs (HOW)	Remarks / Reference
		ENVIRONMENT:			
		QUALITY:			
	Take requirement	SAFETY : Nil			In case of
2	from the concerned				schedule
	department or RMM				removal no
					need of taking
					requirement
		ENVIRONMENT: Nil			
		QUALITY: About the quantity and time.	Contractor's	By mobile or in person and note down.	
			Supervisor		
3	Take tare weight at	SAFETY: Collision with other dumpers.	Driver	Follow queue and maintain gap between the	In case of
	Burmamines Weigh			vehicles.	break down of
	Bridge .				Burmamines
					WB
					Take at Stock
					yard weigh
					bridge.
		ENVIRONMENT:			
		QUALITY: Correct information in the	Contractors	Challan must have 1) contractors name,	
		challan.	Supervisor.	WO number, Loading Department, Type of	
				material, Unloading point, vehicle no and	
				Date	
	Take written	SAFETY:	Contractor		
4	clearance from		supervisor	 Carry gas detector and check % of 	

PREPARED BY	APPROVED BY
Name and Desig.: Varun Kumar , Asst Manager	Name and Desig.: Prakash Singh, Chief RMM
Simplify Data Later The April 12 42 2012	Bakash Songh
Signature with Date: 12.10.2013	Signature Wth Date : 13.10.2013

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SOP No.	RMM/SOP/GEN/17	Effective Date	15.10.2013	REVISION No	03
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Step No.	Activity (WHAT)	Associated Requirements/Hazards/Impacts	Responsibility (WHO)	Process / tools / PPEs (HOW)	Remarks / Reference
	A-F Control roomG fce	Gas hazards.Burn injury.		CO.Wear cotton jacket and be alert.	
	H FceI Fce	ENVIRONMENT: Dust QUALITY: Take clearance as per tata steel	Contractor supervisor	Use Dust Mask SS/GEN-25,Form No	
		work permit system.	supervisor	EHSMSM/WORKS/446/4007	
5	Gross weighment at	SAFETY: Collision with other dumpers ENVIRONMENT:	Driver	Follow queue	
	BM weighbridge	QUALITY: Take Challan and WB memo	Contractor's supervisor	Challan and WB memo should be duly filled-up and signed.	
6	Transporting		Contractor supervisor / Driver / Operator	 Check vehicle as per checklist. Follow Transportation Safety standards. Follow Road Safety standards. Follow defensive driving Follow transportation Safety Standards. Helperless driving. Stop ,look and Go at any level crossing. Follow Rail Safety Standard. During reverse, must ensure that reverse buzzer is ON. 	5

PREPARED BY	APPROVED BY
Name and Desig.: Varun Kumar , Asst Manag	Name and Desig.: Prakash Singh, Chief RMM
Simpature with Date: Lacenthil	Bakesh Songh
Signature with Date: 12.10	.2013 Signature Wth Date : 13.10.2013

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Step No.	Activity (WHAT)	Associated Requirements/Hazards/Impacts	Responsibility (WHO)	Process / tools / PPEs (HOW)	Remarks / Reference
		ENVIRONMENT: • Pollution due to smoke emission. Sound pollution QUALITY:		 Use three piece mirror. Ensure Dala is in proper condition. Ensure dala door is properly clamped /locked. Do not move vehicle in raised Dala or boom condition. Ensure hoisting device interlock system is not bypassed. Regular check up of vehicle as per norms 	
	working area in A-F only. Placement of dumper in the working area.	SAFETY: • Gas hazards • Hit by loco ENVIRONMENT: QUALITY: Barricading should be visible.	Contractor Supervisor/helpe r	 Monitor CO % Be alert and keep people on either side of the working area. Wear fluorescent jacket Place the dumper very slowly Use Red Flag	In G,H Barricading is not required.
8		SAFETY: Collision with Loco at A-F Furnace Toppling of dumper	Contractor supervisor / Driver/Operator	 Barricading of area is required. Dumper to be immobilized before start of dala hoisting operation. 	RMH/SOP/GE N/01 USE of PPE is must when

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Name and Desig.: Varun Kumar , Asst Manager	Name and Desig.: Prakash Singh, Chief RMM	
Laceust Col	Rida	
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Step No.	Activity (WHAT)	Associated Requirements/Hazards/Impacts	Responsibility (WHO)	Process / tools / PPEs (HOW)	Remarks / Reference
		 Hit by dumper during placement of dumper at unloading point Damage to dumper. Hand injury during operation of dala door hook. Toppling of dumper during hoisting Toppling of equipment from height during unloading in the heap. 		dumper. • During loading & unloading	driver and operator is outside of the cabin.

PREPARED BY		APPROVED BY	
Name and Desig.: Varun Kumar , Asst Manager		Name and Desig.: Prakash Singh, Chief RMM	
Court		Bakesh Songh	
Signature with Date:	12.10.2013	Signature Wth Date : 13.10.2013	

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Step No.	Activity (WHAT)	Associated Requirements/Hazards/Impacts	Responsibility (WHO)	Process / tools / PPEs (HOW)	Remarks / Reference
				 Start hoisting only after applying hand brake and ensure that dumper is in still condition. Mark the area of unloading. Do not unload in downward direction. 	
		ENVIRONMENT:	Operator		
		QUALITY: Unload at right point	Contractor supervisor	Know the exact location of unloading	
9	Return clearance	SAFETY:	Contractor supervisor	 Carry gas detector and check % of CO. Wear cotton jacket and be alert. NIL Use Dust Mask SS/GEN-25,Form No EHSMSM/WORKS/446/4007 	
10	Inform shift in charge about trip and tonnage. And submit challan to the recorder or foreman next day.	SAFETY: ENVIRONMENT: QUALITY: Challan should be duly signed and filled up.	Contractor Supervisor	Challan form no.150/3526	

PREPARED BY	APPROVED BY	
Name and Desig.: Varun Kumar , Asst Manager	Name and Desig.: Prakash Singh, Chief RMM	
Vacent Col	Rolal back	
Signature with Date: 12.10.2013	Signature Wth Date: 13.10.2013	