

WORK METHOD STATEMENT

OHSAS 18001(2007)

WMS/ Glosen/ Sr. No 1/Rev. No. 01

Title : Hazard Identification, Risk Assessment and Risk Control for Complete Piping Project
 Plant : Suspension Division K228 (Aurangabad)
 NUMBER OF PERSONS : 7

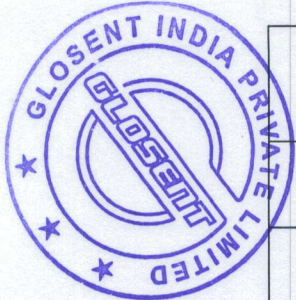
Sr No	Activity	Subactivity	Routine / Non Routine	Material/ Chemical / Mechanical/ Equipment Involved	Type of Person (Perman ent/Temporary/ Contract or	OHS hazards (What can go wrong) PH/C/EL/ER/ME	Source / Situation/Act	N / AB/ EM	severity of injury or ill health (without existing control)	Legal requirement		Assessment w/o existing control			Existing control & in use					Assessment with risk existing control		Result of assessment S I / NS	Prioritization of with risk (Y/N)	T (Y/N)	Additional risk measures needed. If 'Y' in both columns take OMP otherwise take OCP, training etc	Referen ce of OCP,S Op	
										FA Section 7A	Other	S	R	RR (S-P)	A	B	C	D	E	S	RR (S-R)						Y
1)	Unloading Of Material (Pipes & Accessories)	Unloading and stacking of material at Project site from the truck	Non Routine	Hand Tools, Lifting Pallets, Pipes, Fittings, Joints, Hydrat/forklift etc.	T/C	PH : Falling of material on bodyparts especially on feet or toes	Source : Pipes and accessories Act : Careless handling of material While carrying it.	N	Severe injury to any body part where the object or material falls especially feet.	Yes	Sec 28 of FA	Moderate(2)	Likely(3)	Significant(6)	C : Inspected and certified lifting machine, tools and tackles to be used, Tag Line to be used to balance the load in stead of hands. If the flat bed trailer is used to transport the pipe then the pipes should be protected by side guards and strong mechanical partition behind the driver's cabin along with properashing, Proper usage of lifting pallets wherever possible. D: Proper Supervision, Trained Person , SOP ,pallets, Tools inspection, Proper stacking of pipes, area should be barricaded during unloading. Signal Man should be provided, Peopleshould not come under the raised load, E: Safety Shoes, Hand Gloves, Safety Goggle, Safety Helmet.					moderate(2)	Highly unlikely(1)	Acceptable (2)	NS	Y	N	NA	
						ER : Back pain, pain on joints(hands or legs)	Source : Material carried Act : Improperly lifting carrying or placing of material at its plac	N	Severe backache or pain at joints.	Yes	Nil	Moderate (2)	Likely (3)	Significant(6)	A : Proper usage of lifting pallets wherever possible. D: Proper manual lifting techniques should be followed, Proper Supervision, Trained Person , SOP ,pallets, Tools inspection, E: Safety Shoes, Hand Gloves, Safety Goggl					moderate(2)	Highly unlikely(1)	Acceptable (2)	NS	Y	N	NA	



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OVERALL PIPELAYING WORK AT SITE

		A B C D E																			
Grinding of pipes	Non Routine	Grinding Machine	P/C	PH : Severe Cut injury to hands or fingers	Source : Grinding machine. Act: Improper method of grinding. Non usage of machine Guard	AB	Physical hazard (Cut injury, abrasion of skin) to body parts mainly hands & fingers	Yes	Nil	Moderate (2)	Likely(3)	Significant(6)	C: Grinding wheel to be installed with respect to the matching speed of the grinding machine proper grinder guard to be installed connection from ELCB. 3 core Cable. Proper Earthing. D-Well trained and experienced workmen to perform the job. machine to be inspected with regards to safety. Proper housekeeping in the area. Hot work permit from client. Fire extinguisher and sand bucket. Fire extinguisher and sand bucket. Tight Gloves, safety shoes, Safety goggles, Earplugs, mask, Safety Helmet.	Minor(2)	Highly Unlikely(1)	Acceptance(2)	NS	Y	Y	Proper safety training to be provided to the workmen and supervisor	
Welding of material	Non Routine	Welding machine	P/C	PH : Burn injury, inhalation of poisonous gases, exposure of naked eyes to welding	Source : Welding Machine. Act : Improper handling, less knowledge or experience of welding	AB	Severe Burn injury, inhalation of poisonous gases, loss of vision due to continuous exposure of naked eyes to welding	Yes	Nil	Serious(3)	Unlikely(2)	Significant(6)	A: Proper certified machine to be used. D: Well trained and experienced workmen to perform the job. Connection from ELCB. Proper housekeeping in the area. Hot work permit from client. Fire extinguisher and sand bucket. Protection from weld spatters. proper earthing. Safety shoes. Hand gloves, safety goggles. welding helmet. leather gloves and apron, mask	Serious (3)	Highly Unlikely(1)	Moderate(3)	NS	Y	Y	Proper safety training to be provided to the workmen and the supervisor	
Drilling	Non Routine	Drill Machine	P/C	PH : Improper use of drill machine	Source : Drilling machine Act: Improper handling, less knowledge or experience of drilling	AB	Injury to eyes due to dust & burrs entering the eyes, Injury to hands or fingers	Yes	Nil	Moderate(2)	UnLikely(3)	Significant(6)	C: Drilling machine should be ISI certified, appropriate drill bit to be ensured for respective size of hole. Supply from ELCB. D: Well trained and experienced workmen to perform the job. E: Safety Shoes, Hand gloves, safety goggles, mask	Moderate(2)	Highly unlikely(1)	Acceptable(2)	NS	Y	Y	Proper safety training to be provided to the workmen and the SUPERVISOR.	
Moment within the Plant	Routine	Overhead objects	P/C / T	PH : Risk of objects falling over head, Tripping due to objects lying on the ground	Source : Overhead objects, objects lying on the ground. Act: Falling of objects overhead or on legs. tripping n falling due to objects kept on ground	N	Injury due to falling of object on body parts	Yes	Nil	Moderate(92)	Likely(3)	Significant(6)	D: Signages and warning board regarding work done nearby is to be provided. Safety Shoes, Hand gloves, safety goggles, helmets.	Moderate(2)	Highly unlikely(1)	Acceptable(2)	NS	N	Y		



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TRAINING ATTENDANCE SHEET

Venue: - GLOSENT INDIA PRIVATE LIMITED		FACTORY
Date of Training: - 18.01.2023		Timing: - 10:00 AM Duration: - 3 Hours
Program Title		: Hira Hazardous Identification and Risk Analysis
Trainer		: Harshal Patil
Date		: 18/01/2023
Subject: 1) Work Permit Awareness.		2) Safety work planning

Sr No	Emp. Code	Employee Name	DESIGNATION	Department	Sign.
1.	G000030	Pravin Gade	Project Engineer	Production	
2.	G000047	Atul Mirgane	Project Engineer	Production	
3.	G000019	Basant Chauhan	Fitter/Welder	Production	
4.	G000040	Sonu Chauhan	Fitter	Production	
5.	G000026	Vikas Chauhan	Welder	Production	
6.	G000048	Dharampal Chauhan	Helper	Production	
7.	G000044	Sunny Deol Chauhan	Welder	Production	
8.	G000043	Sheshnath Chauhan	Fitter	Production	
9.	G000034	Gyan Prakash Chauhan	Fitter	Production	

Approved By

For Glorent India Private Limited

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Authorized Signatory