



MANISHA ENTERPRISES

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Ref. :

Date:

HAZARD IDENTIFICATION & RISK ASSESSMENT (HIRA)

Work activity	Shifting, Loading, Unloading and Installation work.
Supplier	MANISHA ENTERPRISES
Client	ENDURANCE TECHNOLOGIES LTD AURANGABAD
Document No.	
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HAZARD IDENTIFICATION & RISK ASSESSMENT (HIRA)

1. Key Responsible Contacts -Supplier

Sr. No.	Area	Name	Designation	Contact Number
1		Mr. Rameshwar Shinde	Site Supervisor	9922923267
2		Mr. Vijay Tompe	Site Incharge	9921743357

2. Activity Chart

1	MACHINE & EQUIPMENT UNLOADING & LOADING	MANISHA		
	MACHINE & EQUIPMENT SHIFTING	MANISHA		
	MACHINE & EQUIPMENT INSTALLATION	MANISHA		
	MACHINE & EQUIPMENT LEVELING	MANISHA		
	MACHINE & EQUIPMENT REPAIR & MAINT	MANISHA		
	MACHINE & EQUIPMENT INTERNAL TRANSPORT	MANISHA		
	CRANE USE FOR MACHINE & EQUIPMENT SHIFTING	MANISHA		
	FORKLIFT USE FOR MACHINE & EQUIPMENT SHIFTING	MANISHA		
	TOOLS TACKLES USE FOR ABOVE ACTIVITY	MANISHA		
	MANPOWER USE FOR ABOVE ACTIVITY	MANISHA		

3. Risk Assessment

Unloading, shifting, loading and installation of machine & equipments

Contact stress- Personal injury possible

Push/pull forces-Personal injury possible

Contact with moving or stationary objects-personnel injury / material damage possible

Contact with sharp objects-Personal injury possible

Vehicle operation-personnel injury / material damage possible

Slips and trips- personnel injury./ material damage possible



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4. Work Location Details

INSIDE THE PLANT./PREMISES

5. Loading/Unloading/Erection / Installation/Methodology

- I. Use Farana crane 15T mobile crane or long fork Forklift for load / Unload of Machine from Truck.
- II. Use Farana crane 15T mobile crane or long fork Forklift for shifting work
- III. Make safety barricading in working area.
- IV. Use proper belts / slings to hook and lift the machine with crane.
- V. Always use long fork while moving machine accessories from one location to another location.
- VI. Use proper belts / slings to hook and lift the component with crane.
- VII. Ensure machine placement on basement as per GA Layout from OEM.

6. PPE List

- Safety Shoes, Safety Helmet, hand gloves, goggle, Safety jacket, face mask etc....

7. Waste Management

Sr. No.	Description	Action
1	Wooden pallet waste	To be scrapped after use and disposed as per ETL Standard operating procedure and instructions from ETL Project Leader
2	Wrapping paper waste	To be scrapped after use and disposed as per ETL Standard operating procedure and instructions from ETL Project Leader
3	Wrappers of bought out / OEM items waste	To be scrapped after use and disposed as per ETL Standard operating procedure and instructions from ETL Project Leader
4	Dust on floor while anchoring	Clean all floor after complete installation and commissioning as per instructions by ETL Project Leader

