



# Ndtee Services Pvt. Ltd.

HOUSE OF NON DESTRUCTIVE TESTING FACILITIES FOR SAFETY, QUALITY & RELIABILITY

| Regd Office: F-II A-9, Aurangabad Co-operative Ind Estate, MIDC Railway Station, Aurangabad - 431005 |  
+240 2338017 +240 2335704	+932511207 - 1, 2, 3 ,4, 5, 6, 7	Fax: +240 2359270
sales@ndteeservices.com	info@ndteeservices.com	www.ndteeservices.com
A U R A N G A B A D	P U N E	M U M B A I



AN I.S.O.: 9001 : 2000 Company

**NSIC-CRISIL SE3A**

NSPL/CE/ETL/2023

Date : 24/01/2023

## HAZARD IDENTIFICATION & RISK ASSESSMENT

**Team Member : Mr. Mahipati Dahiphale, Mr. Dilip Khatal, Mr. Renukadas H. Joshi, Mr. Raju S. Gadapp, Mr. Amit V. Gangawane**

Sr. No.	Activity / Job Steps	Hazard Identification	Risk Trigger / Effects	Mitigation Measures / Preventive Action	Monitoring by (Department Responsible)
01.	Inspection / Examination / Load Testing of Lifting Machines, Tools, Tackles etc.	Falling of Load	May result in accident due to unbalance / improper lifting of load etc.	01) Proper safety trainings have been provided to our employees. 02) Only authorized personnel's shall be permitted for crane operations. 03) Suitable PPE's have been provided.	EHS Department / HR Department / Maintenance Department / End User Department.
		Slipping of Objects / Equipments while Handling / Inspection / Examination etc	Risk of near miss injury, minor hand / foot injury etc.	01) Proper safety trainings have been provided to our employees. 02) Suitable PPE's have been provided.	Maintenance Department / End User Department.
		Unskilled / Inexperienced Manpower.	Due to lack of knowledge changes of accident.	Skilled well experienced & trained manpower.	Maintenance Department / End User Department.
02.	Inspection / Examination / Ultrasonic Thickness Testing of Pressure	Falling from height, if work is being carried out at height above 1.8 meters.	Possibility of physical injury, hand / foot / head injury etc.	01) Proper safety trainings have been provided / imparted to our employees.	Maintenance Department / End User Department.

Sr. No.	Activity / Job Steps	Hazard Identification	Risk Trigger / Effects	Mitigation Measures / Preventive Action	Monitoring by (Department Responsible)
	Vessels, Pressure Pipe Lines etc.			02) Suitable PPE's/ Safety Shoes / Safety Belts / Safety Halmet) proper ladders shall be used.	
03.	Inspection / Examination/ Hydraulic Testing of Pressure Vessels.	Falling of tools, spanners, equipments, nuts & bolts etc while working.	Possibility of physical injury, hand / foot / head injury etc.	01) Proper safety trainings have been provided / imparted to our employees. 02) Suitable PPE's/ Safety Shoes / Safety Belts / Safety Halmet) proper ladders shall be used. 03) Proper care and precautions shall be taken, while working.	Maintenance Department / End User Department.
		Possibility of accident due to pressure / loose connections of pressure fittings.	Possibility of physical injury, hand / foot / head injury etc.	01) Proper safety trainings have been provided / imparted to our employees. 02) Suitable PPE's / Safety Shoes / Safety Belts / Safety Halmet) proper ladders shall be used. 03) Proper care and precautions shall be taken, while working.	Maintenance Department / End User Department.
04.	Inspection / Examination / Testing of Safety Relief Valves (SRV's).	Falling of tools, spanners, equipments, nuts & bolts etc while working.	Possibility of physical injury, hand / foot / head injury etc.	01) Proper safety trainings have been provided / imparted to our employees. 02) Suitable PPE's/ Safety Shoes /	Maintenance Department / End User Department.

Sr. No.	Activity / Job Steps	Hazard Identification	Risk Trigger / Effects	Mitigation Measures / Preventive Action	Monitoring by (Department Responsible)
				<p>Safety Belts / Safety Halmet) proper ladders shall be used.</p> <p>03) Proper care and precautions shall be taken, while working.</p>	
		Possibility of accident due to pressure / loose connections of pressure fittings.	Possibility of physical injury, hand / foot / head injury etc.	<p>01) Proper safety trainings have been provided / imparted to our employees.</p> <p>02) Suitable PPE's / Safety Shoes / Safety Belts / Safety Halmet) proper ladders shall be used.</p> <p>03) Proper care and precautions shall be taken, while working.</p>	Maintenance Department / End User Department.

**Prepared By**

**Mr. Mahipati V.Dahiphale**  
Site Engineer

**Approved By**

**Mr. Milind Sangwikar**  
MD & Competent Person

*(Handwritten Signature)*

