

ROENTGEN

**Technical Inspection
Private Limited**

(An ISO 9001:2015, 14001:2015, 45001:2018 Certified company)

COMPANY PROFILE 2022

Company



Roentgen Technical Inspection Pvt. Ltd.

Registered Office :- P.No-535, Block-B

Sanjay colony, Sector 23, FBD, Faridabad, Haryana-121005

**CONTACT: +91 7019359505, +91 129 4052734, Email: info@roentgen.in,
roentgen.in@gmail.com, Website: www.roentgen.in**

ABOUT US

Roentgen Technical Inspection Pvt. Ltd. is An ISO 9001:2015, 14001:2015, 45001:2018 Certified professional NDT company providing services in the field of third party Inspections, NDT inspections, Welding, Piping and NDT Training, being a value creator for its clients who utilize our services to add value to their goal through all services right from acquisition, Servicing and Retention of their customers. Roentgen Technical Inspection Pvt. Ltd. is one of the well identified and leading company in the field of Inspection and Training offering its services across the globe. RTIPL started commencing Inspection services from 2013.



The company provides a comprehensive range of Technical Services and Inspection Services, Special Techniques and NDT services to its clients, with its office based at Faridabad, Haryana, India-121005.



INTRODUCTION

LETTER

May we take this opportunity and privilege to introduce the services offered by Roentgen Technical Inspection Pvt. Ltd. (RTIPL)

RTIPL prides itself as one of the well identified and leading companies in the field of inspection offering its services across the India.

We are a MSME, certified Company, Which indicates Highest Creditworthiness we are committed to enhance value Added Customer Satisfaction by providing Technical Training, Inspections, Engineering Consultancy & Manpower Resourcing Services Meeting National, International Standards and Customer requirements.

We Strive for Continual Improvement through Periodic review of QMS Process. We have been creating value for our clients in India by delivering world-class Inspection Services. Our dynamic approach to problem solving enables us to deliver quality services on time coupled with consistent performance to our clients in India & Overseas. Many of our clients in Oil & Gas, Refinery, Petrochemicals, Cross-country Pipeline, Power, Infrastructure have retained us as their preferred service provider. And we are associated with them for years we offer services across Globe in the disciplines such as Piping, Mechanical, Process.

We also project services like, Inspection Services, Project Management, Construction Supervision and Engineering Procurement Assistance, for various projects. Such as Expediting, Start-up/
Pre-commissioning & Commissioning Assistance, Shut Down/ Turn around Assistance etc.

We have confidence that your assessment on our services would prove to you the high quality of our service.

We hope that soon we will have a positive response from you.

From
Roentgen Technical Inspection Pvt. Ltd.
Faridabad.-121005

RTIPL POLICY AND VISION

Our Vision

- Our Vision is to grow as leading service provider in inspections, welding technology & piping with sustainability, and to enter the global market to raise as a large Scale Industry with increasing employment potential.
- To employ skilled, experienced and qualified personnel and to take up third party inspections in various fields like Power, Oil & Gas, Equipments manufacturing & Service Industries etc.
- To Establish Advanced and sophisticated techniques in inspection systems for sure results with exact traceability

Our Philosophy

- To Place right persons at right locations.
- Complete Involvement of Employees.
- Continual improvement in the training and development
- Upgrade technology and services.
- Improve skills
- Evolving new ideas
- Meeting requirements of the Customer
- Develop Competitive Spirit
- Always Strive for a new outlook

Our Quality Policy

We are committed to enhance value Added Customer Satisfaction by providing Technical Training, Inspections, Engineering Consultancy & Resourcing Services Meeting National, International Standards and Customer Requirements.

We Strive for Continual Improvement through Periodic review of QMS Process.

OUR VALUABLE CLIENTS



Adani Power (Jharkhand) Limited.
Adani Infrastructure Management Services Limited



Bharat Heavy Electricals Limited.

POWER MECH



Power mech Projects Limited.

Growth Unlimited



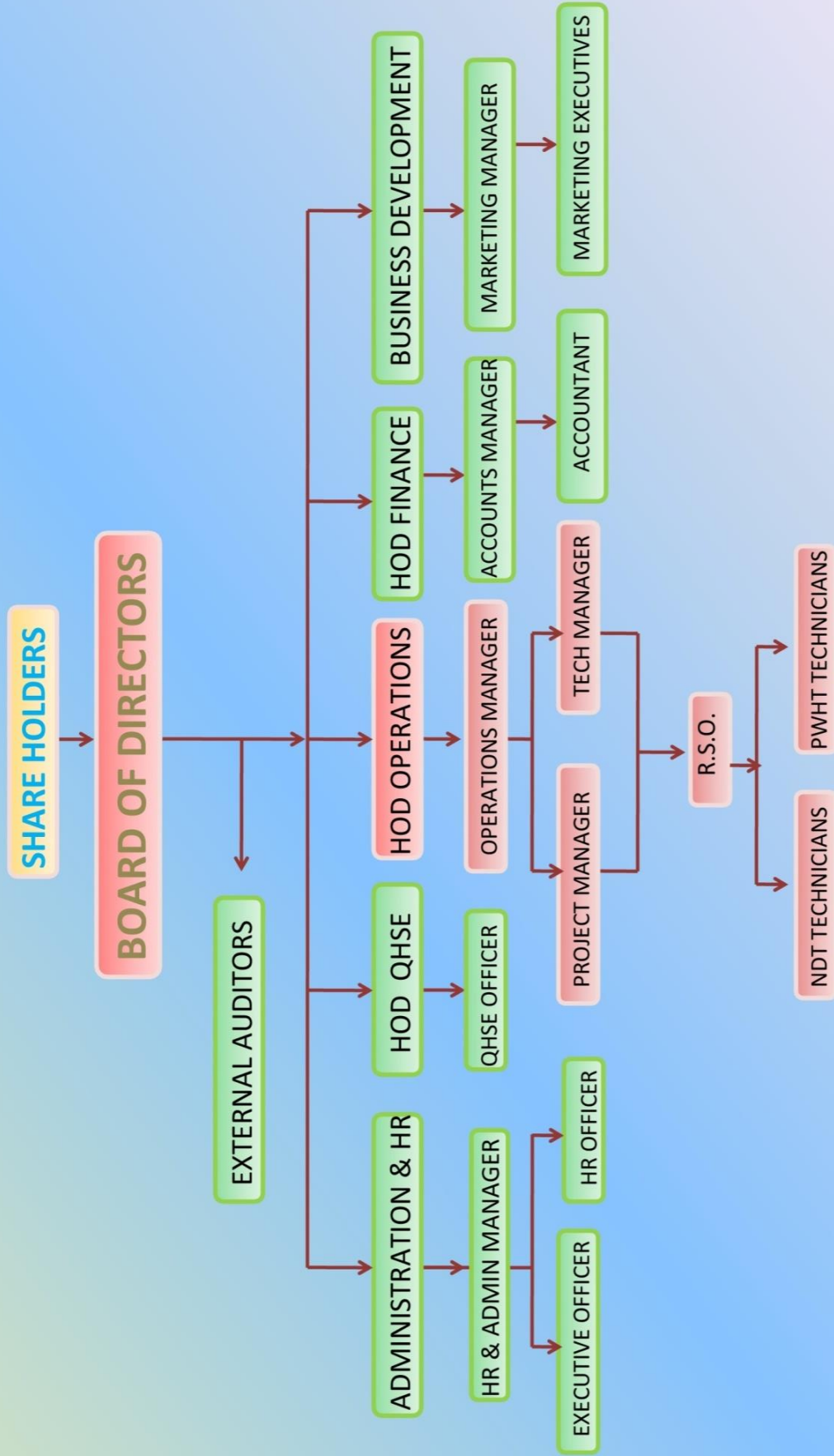
GE Power India Limited



Universal Erectors Private Limited.

R.S. CONSTRUCTION

OUR VALUABLE CLIENTS





Certificate

This is to Certify that
**ROENTGEN TECHNICAL INSPECTION
PRIVATE LIMITED**

P. No. 535, Block-B, Sanjay Colony, Sec-23,
Faridabad, Haryana - 121005, India

has been found in Compliance with requirements of
Quality Management System

ISO 9001:2015

for the following scope:

Provision for Various Type Non Destructive Testing Service (Radiography Testing, Ultrasonic Testing, Magnetic Particle Testing, Dye Penetrant Testing & Post Weld Heat Treatment) as per International codes & Standards.

Certificate No. : QMS/020529/0121
Original Certificate Date : 11-January-2021
Issue Date : 11-January-2021
Expiry Date : 10-January-2024

To check this certificate status visit:
"http://uasl.uk.com/certifiedorganization.html"

Authorized Signature
Quality Control Certification
UK Office: 1929, Chynoweth House,
Trevissome Park, Truro-TR46UN, Cornwall, UK
India Office: 2nd Floor, Aman Market,
Narela Mandi, Delhi - 110 040, India



"Quality Control Certification (QCC)" accredited by "UASL, England, UK". This certificate remains the property of "QCC" to whom it must be returned on request.



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has been found in Compliance with requirements of
Occupational Health and Safety Management Systems

ISO 45001:2018

for the following scope:

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Certificate No. : OHSMS/020531/0121
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भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

**UDYAM
REGISTRATION CERTIFICATE**

Our small hands to make you LARGE

TYPE OF ENTERPRISE	MICRO	SERVICES																				
UDYAM REGISTRATION NUMBER	UDYAM/HL/63/0004171																					
NAME OF ENTERPRISE	MS ROENTGEN TECHNICAL INSPECTION PRIVATE LIMITED																					
SOCIAL CATEGORY OF ENTREPRENEUR	General																					
NAME OF UNITS	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Existing Address/Name/Address</th> <th>Unit Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100/1000000000</td> <td>MS ROENTGEN TECHNICAL INSPECTION PRIVATE LIMITED</td> </tr> </tbody> </table>	Sl. No.	Existing Address/Name/Address	Unit Name	1	100/1000000000	MS ROENTGEN TECHNICAL INSPECTION PRIVATE LIMITED															
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OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <thead> <tr> <th>Part/Door/Block No.</th> <th>Pin-Code</th> <th>Name of Premises/ Building</th> <th>Block No.</th> </tr> </thead> <tbody> <tr> <td>Village/ Town</td> <td>SANJAY COLONY</td> <td>Block</td> <td>B</td> </tr> <tr> <td>Road/Street Lane</td> <td>SEC-23-B</td> <td>City</td> <td>FRD</td> </tr> <tr> <td>State</td> <td>HARYANA</td> <td>District</td> <td>FARIDABAD - Pin 121005</td> </tr> <tr> <td>Mobile</td> <td>9810000000</td> <td>Email</td> <td>roentgen.tn@gmail.com</td> </tr> </tbody> </table>	Part/Door/Block No.	Pin-Code	Name of Premises/ Building	Block No.	Village/ Town	SANJAY COLONY	Block	B	Road/Street Lane	SEC-23-B	City	FRD	State	HARYANA	District	FARIDABAD - Pin 121005	Mobile	9810000000	Email	roentgen.tn@gmail.com	
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Mobile	9810000000	Email	roentgen.tn@gmail.com																			
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	21/01/2020																					
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	21/01/2020																					
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Code</th> <th>Description</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>71-2</td> <td>Technical testing and analysis</td> <td>Service</td> </tr> </tbody> </table>		Sl. No.	Code	Description	Activity	1	71-2	Technical testing and analysis	Service												
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DATE OF UDYAM REGISTRATION	16/10/2020																					

Disclaimer: This is computer generated statement, no signature required.
Printed from <https://udyamregistration.gov.in>

For any assistance, you may contact:

1. DIC FARIDABAD
2. MSME-DI DELHI

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P. No. 535, Block-B, Sanjay Colony, Sec-23,
Faridabad, Haryana - 121005, India

has been found in Compliance with requirements of
Environmental Management System

ISO 14001:2015

for the following scope:

Provision for Various Type Non Destructive Testing Service (Radiography Testing, Ultrasonic Testing, Magnetic Particle Testing, Dye Penetrant Testing & Post Weld Heat Treatment) as per International codes & Standards.

Certificate No. : EMS/020530/0121
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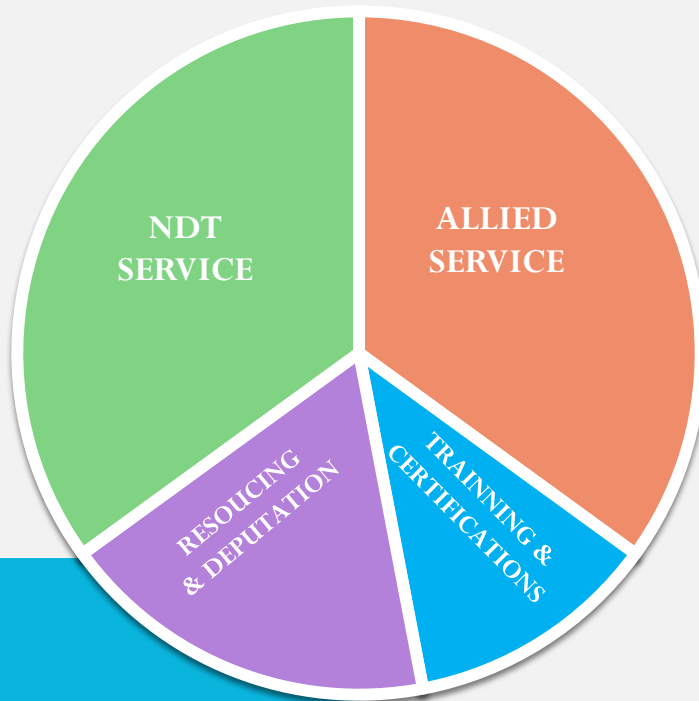
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BUSINESS SEGMENTS



- Radiography Testing,
- Ultra sonic Testing,
- Dye Penetrant Testing,
- Magnetic Particle Testing,
- Visual Testing
- Hardness Testing

- SHUT DOWN INSPECTIONS

- Pre heat
- Post heat
- PWHT

- ASNT LEVEL I & II CERTIFICATIONS
PT, UT, RT, MT
- PIPING

OUR SERVICES

NON DESTRUCTIVE TESTING

- **RADIOGRAPHY TESTING**

 - X-Rays

 - Gamma Rays

- **ULTRASONIC TESTING**

 - Flaw Testing

 - Thickness Measurement

- **LIQUID PENETRANT TESTING**

- **SURFACE FINISH**

- **MAGNETIC PARTICLE TESTING**

- **HARDNESS TESTING**

SHUT DOWN INSPECTIONS

- **TUBE THICKNESS MEASUREMENT**

- **SCALE MEASUREMENT**

- **PMI**

- **LEAK TESTING**

- **NDT IN BOILERS**

- **WELDING INSPECTION**

- **RLA STUDIES**

- **DOCUMENTATION**

ALLIED SERVICE

- **PREHEATING**

- **POST HEATING**

- **POST WELD HEAT TREATMENT**

HIRING SERVICES

- **RENTAL OF INDUCTION HEATING MACHINE MAKE (MILLER PROHEAT 35)**

- **RESISTANCE LOW & HIGH VOLTAGE HEATING MACHINES ALONG WITH THE OPERATOR**

- **RENTAL OF PMI MACHINE**

- **RENTAL OF NDT EQUIPMENTS**

NON DESTRUCTIVE TESTING

GAMMA RAY

Gamma Radiography works the same way as x-rays. However, to produce effective gamma rays only a small pellet of radioactive material sealed in a titanium capsule is needed, instead of a bulky x-ray producing machine.

As isotopes are easily transported, gamma radiography is very useful in remote areas where it can be used to check for defects in welds in pipelines carrying gas or oil. An advantage using gamma radiography is that no power is required and thus eliminates the need of x-ray sets, which require power to operate which may not be readily available at a remote site



X-RAY

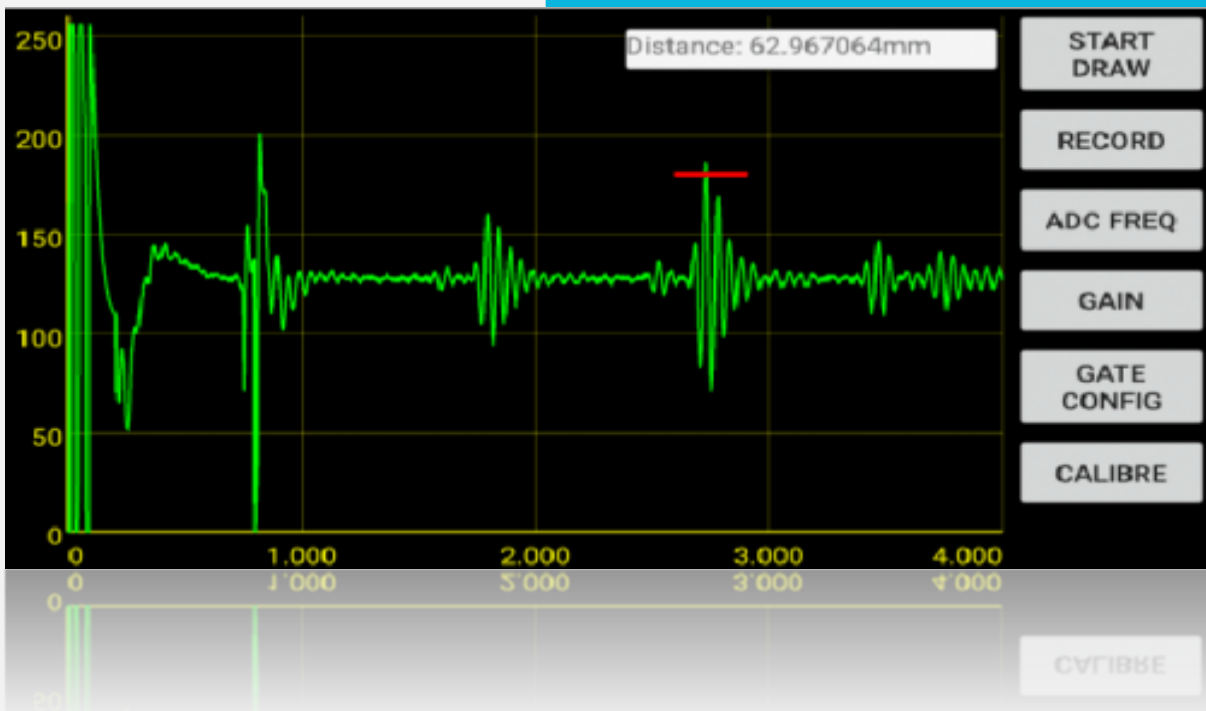


Equipped with the best X-Ray Crawler technology and experienced personnel, we offer you the advantages of high radio-graphic quality, high imaging sensitivity, low failure rate and high work efficiency. Our experts have perfected this the best technique owing to advanced technology and years of experience.

ULTRASONIC TESTING



Ultrasonic Testing is ideal for flaw detection/evaluation, dimensional measurements and material characterization. It uses high frequency sound energy to conduct examinations and make measurements. Our experts make sure this quick, non-intrusive and cost effective inspection is also reliable with advanced testing equipment





LIQUID PENETRANT TESTING

Liquid Penetrant Testing is one of the most widely used NDE methods. Its popularity can be attributed to two main factors: its relative ease of use and its flexibility. LPT can be used to inspect almost any material provided that its surface is not extremely rough or porous. Through this technique, our experts evaluate the condition and quality of a component. With a wide variety of penetrant materials and a custom-made fluorescent penetrant inspection system.



MAGNETIC PARTICLE INSPECTION

Magnetic particle inspection is a NDT process for detecting surface and subsurface discontinuities in ferromagnetic materials such as iron, nickel, cobalt, and some of their alloys. The process puts a magnetic field into the part.

Our experts utilize MPT to detect surface and near surface flaws and defects. It is fast and relatively easy to apply, and surface preparation is not as critical as compared to other NDT methods.



THICKNESS GAUGE

A rugged **ultrasonic thickness gauge** determines sample **thickness** by measuring the amount of time it takes for sound to traverse from the transducer through the material to the back end of a part and back. The **ultrasonic thickness gauge** then calculates the data based on the speed of the sound through the tested sample.

HEAT TREATMENT

INDUCTION HEATING

With the ProHeat™ 35 induction heating system, one or two welding joints can be rapidly and uniformly heated for preheat or stress relief with minimal setup and instruction time. An induction heating system induces heat electromagnetically in a metal part rather than by using a heating element to conduct heat, as does resistance heating.



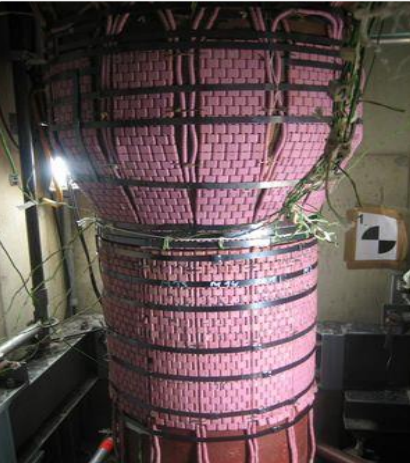
MILLER PROHEAT 35



PREHEAT

RESISTANCE HEATING

Local heat treatment facility offered by us works on using electricity as source of heating for stress relieving of weld joints. Our heat treatment services are designed to minimize downtime, improve structural integrity as well as enhance effective plant life. Additionally, depending on mobility of the required equipment, many of the offered heating processes can also be applied on-site. .



HIGH VOLTAGE



LOW VOLTAGE

The most advanced portable Heat Treatment equipment and highly skilled field technicians combine to deliver accurate and affordable on-site Resistance Heat Treatment and Induction Heat Treatment services.

STORAGE TANK INSPECTION



NDT TESTING INSIDE TANK

SECTOR



OIL & GAS



PIPE LINE



NUCLEAR PLANT



THERMAL POWER PLANT

Project Activities



WELDING OF CRV WELDING
PROCESS: GTAW AT ROOT & SMAW
WELDING WELDER QUALIFICATION:
IBR KARNATAKA APPROVED
THICKNESS: 76mm



INDUCTION HEAT TREATMENT BEFORE DURING & AFTER WELDING
AS PER PROCEDURE



INSPECTION OF ROOT GAP & FITUP

AVAILABLE EQUIPMENTS

Sl.No	NAME OF THE MACHINE	MAKE	QTY
1	X-Ray External complete set	Dang dong	05
2	X-Ray Internal crawler set	Dang dong	04
3	Induction Heating Machines Pro Heat35	Miller	06
4	Low Voltage Resistance Heating Machines	East West	8
5	High Voltage Resistance Heating Machines	Mc Control	22
6	Digital Temperature Recorder	Eurotherm	08
7	Analog Temperature Recorder	RR	35
8	Digital Ultrasonic Flaw Detector	Modsonic	06
9	Digital Ultrasonic Thickness Gauge	Modsonic	15
10	Digital Ultrasonic Thickness Gauge	GE Inspections	04
11	Electro Magnetic Yoke Machine	Sims-y A/D Yoke	12
12	Thermal Imager	Fluke T1-32_9hz	01
13	Micrometer	Mitutoyo	10
14	Depth Gauge		05
15	PMI Machine Oxford Instrument	Oxford	01
16	Hardness Tester	Optel	04

