

# C O R P O R A T E P R O F I L E

**Raipur Welding and NDT Services  
Private Limited.**

**GST No. 22AAGCR9538M1ZV**



## Company's Address and Contact Details

**Registered Office :**

**21, Capital City Phase.3, Saddu, Raipur, Chhattisgarh, India ,  
Pin: 492007**

**Works:**

**Plot No.100, Engineering Park, Hathkhoj, Bhilai , Chhattisgarh,  
India, Pin. 490024**

**E Mail Id :**

**For NDT Business : [rwns\\_ndt@outlook.com](mailto:rwns_ndt@outlook.com)**

**Contact No.**

**Siba Narayan Parida, Cell No. 72248 13676 / 62670 72676**



# About the Company

The Company was established in the day of 03<sup>rd</sup>. July 2014 by four friends who are in the field materials fabrication in the last two decades. It was started with testing facilities which starts from NDT, then goes to Physical Testing and lastly fabrication specially for IBR approved Pressure Part Manufacturing.

From the day one Company focused on Quality Services by utilizing the right resources and emphasis given on the Training of Personnel and Taking care of the Proper Training, Job Safety Analysis [JSA] and Procedures to Carry out the Job.

In Regular Interval, Company Providing training to the Employees that related to Safety , Job Awareness Etc.

The Company is accelerated to ISO 9001-2015 and Got Approval from Atomic Energy Regulation Board to Operate Radiation Source to carry out the Radiography Work.



# List of Satisfied Clients.

1. BHEL, Trichey,
2. Jindal Group,
3. BeeKey Corps,
4. BEC Engineering,
5. Simplex Engineering,
6. Reliance Industries Limited.
7. Larsen and Turbo Limited.
8. Shree Cements Limited,
9. ADANI Group,
10. TATA Project Limited.
11. Vivek Agro Private Limited.
12. PRIME METAL , Kolkata



# Details of Fabrication Job Capability

The Company was Started the Job fabrication work in the Year 2015 at Client's various Sites and WORKS Premises.

In the Year 2019, Company established his own fabrication Facility at Bhilai, The Fabrication HUB of Central India with Ultra Model Works. The Managing Partners are veteran in the field of Fabrication having the back ground of BHEL, L&T, JINDAL Group Etc.

The Company have got the advantages having it's own in house testing facilities for NDT and Physical Testing.

The Company has executed many fabrication job for various Client's like MCKKuttey , TPL and Jindal Steel and Power Limited.

We have executed Site Joints of Two Nbs. Reactors at M/s- Lanco Power for his Power Plant in Chhattisgarh.

We have done various reclamation job of various Parties in and around Chhattisgarh.



# Resource of Fabrication

The Works is opened in the Year 2019 to cater the Power and Steel Sector and got approval from Indian Boiler Regulation Chhattisgarh as the Manufacture of Pressure Part. To Cater the Industries, A World Class Shop is established at Bhilai with the State of Art Technology with an Covered area of 6000 Sq.Fts.

The following Equipment and Personnel are dedicated for this new adventure , details as follows :

1. **Man Power** : Manager- 01 No., Super Visor – 04 Nos., Store Manager – 01 No., Fitter – 04 Nos., IBR Welders – 12 Nos., Crane Operator-01 No., CNC Tube Bending Machine Operator -02 Nos. and others : 08 Nos.
2. **Equipment** : CNC Tube Bending Machine : 01 No., Welding Rectifier-08 Nos., GTAW Machine : 02 Nos. and GMAW Machine : 02 Nos., Radial Drilling Machine – 01 No. and Many others.



# Specialization in Fabrication.

The Following Fabrication Service Provided by the Company. The Details as Described Below :

1. Structural Steel Fabrication as Per Client's Drawing.
2. Fabrication various Pressure Parts as Per IBR regulations.
3. Piping Fabrication.
4. We Specialist in Fabrication of Stainless Steel, Duplex Steel, Low alloy Steel , Titanium and Hast alloy Materials.



# Details of Physical Testing Provided.

The Following Physical Testing Service Provided by the Company. The Details as Described Below :

1. Tensile Testing of Welds, Raw Materials.
2. Yield Strength.
3. Bend Tests.
4. Elongation and Reduction Test.
5. Impact Test at Zero Deg. And up to – 196 Deg.C





# Details of Training Provided

The Following Training Service Provided by the Company. The Details as Described Below :

1. ASNT NDT Level.II in RT,UT,MPI,LPI and VT.
2. Welder Qualification as Per ASME Sec.IX.
3. Welder Qualification as Per IBR Regulation.
4. Training of Engineers on WPS and PQR.
5. Industrial Safety Training.



# Equipment List for Non Destructive Examination

The Following NDE Equipment are available , Details as Follows:

1. Radiography Exposure Device : ROLI 3- 04 Nos., ROLI2-04 Nos. and DELTA 880 -02 Nos.
2. Ultrasonic Flaw Detector : MODSONIC TFT-04 Nos. and DGS -04 Nos.
3. Ultrasonic Thickness Gauge :Cygnus 4 -02 Nos.
4. Magnetic Particle Yoke : 20 Nos.
5. Liquid Penetrant Inspection Set : 100 Sets.
6. Electrical Resistant Heat Treatment Unit : 10 Sets.
7. Digital Boro Scope : 02 Nos.
8. Portable Hardness Tester : 02 Nos.
9. Electrically Operated Hydro Test Pump, Capacity 100 Kg/Cm<sup>2</sup> : 02 Nos.



## Equipment List for Physical Lab.

The Following Physical Testing Machines are available , Details as Follows:

1. Universal Testing Machine , Capacity 600 KN – 01 Set.
2. Impact Testing Machine, Capacity : 300 Joules-01 Set.
3. Cooling Bath, Capacity – 200 Deg.C : 01 Set.
4. Notch Cutter – 01 No.
5. Profile Shadow Gram – 01 No.

Note : NABL Approval is Under Progress.



## Other NDE Inspection and Safety Tool and Tackles

The following Inspection Tool and Tackles are available :

1. Radiation Area Survey Meter : 10 Nos.
2. Densito Meter : 06 Nos.
3. RT Film Viewers : 10 Nos.
4. RT Film Processing Units : 06 Sets.
5. Pocket Dosimeter : 04 Nos.
6. Collimator : 12 Nos.
7. Density National Film Strip : 02 Nos.
8. Computer /Laptops and Printers : 30 Sets.
9. Motorcycles : 18 Nos.
10. Four Wheelers : 06 Nos.



# Man Power for Inspection Department.

The following Manpower are Available :

1. NDE Level. III – 02 Nos.
2. NDE Level.II – 15 Nos.
3. Radiation Safety Officer, RSO-II – 08 Nos.
4. Certified Radiographer – 12 Nos.
5. Trainee Radiographer – 12 Nos.
6. Lab Incharge – 01 No.
7. Lab Assistance – 01 No.
8. Lab Boy – 02 Nos.
9. Heat Treatment Technicians – 08 Nos.
10. Electrician – 02 Nos.



# Photo Gallery

## Non Destructive Examination - Radiography





# Photo Gallery

## Non Destructive Examination – Ultrasonic Testing



*Ultrasonic Testing Machine*





# Photo Gallery

## Non Destructive Examination – Ultrasonic Testing







# Photo Gallery

## Non Destructive Examination – Other NDE



## Heat Treatment [Electrical Resistance Heating]



## Physical Testing Lab.





# Photo Gallery

## Fabrication Department



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### TECHNICAL SPECIFICATIONS

Model No. → Technical Terms →	UNITS	RAPID 32	RAPID 45	RAPID 65	RAPID 100
Max Capacity (Dia x Thickness)	mm	Max 32 x 2.0 Min 6.00	Max 45 x 3.0 Min 12.00	Max 65 x 6.0 Min 20.00	Max 114 x 7.0 Min 25.00
Bend Radius CLR*	mm	Max 120 Min 20.0	Max 150 Min 25.0	Max 350 Min 30.0	Max 500 Min 40.0
Min Bend Radius (in terms of D*)		1.5D	1.5D	1.5D	1.5D
Standard Length Over Standard (extra length available on request)	Mtrs.	2.0	2.0	2.0	4.0
Bend Angle Range	Degrees	5 - 180	5 - 180	5 - 180	5 - 180
Bending Direction	Degrees/Sec.	clockwise	clockwise	clockwise	clockwise
Bending Speed		60	50	40	30
Indicative Production Rate	90 Degrees Bends/Hr.	200	150	125	100
Bend Angle Accuracy	Degrees	± 0.25	± 0.25	± 0.25	± 0.25
Motor	HP	5.0	7.5	10.0	20.0
Weight (approx.)	Tonnes	1.0	1.4	2.0	4.0

\* D = Pipe outside diameter, CLR = Centre line radius

**NOTE :** Due to numerous R & D activity happening in our company, the technical specifications may vary at the time of purchase, kindly bear with us and confirm your product's specifications before purchase.





RAIPUR WELDING & NDT SERVICES

# Photo Gallery

## Fabrication Department





# Photo Gallery

## Fabrication Department [ SPECIAL CATEGORY IBR APPROVAL CERTIFICATE ]



### BOILER INSPECTORATE, CHHATTISGARH

2nd Floor, Udyog Bhavan, Ring Road No.- 1, Telibandha; Raipur (CG)-492006

### RECOGNITION AS MANUFACTURER OF BOILER/ ECONOMISER / STEAM LINE / FEED WATER LINE ETC.

(Issued under regulation 392(5) of Indian boiler Regulations-1950)

Certificate No. - 3224092010002  
Udyam Aakanksha No.-11203001419998

Ref No. - 2795715881

This is to certify that after evaluation of the infrastructure available with following firm, the Chhattisgarh Boiler Inspectorate has granted recognition to it as **Special Category (Pressure>125 Kg/cm<sup>2</sup>)** MANUFACTURER of boiler/ economizer/steam line/feed water line etc. for the period of 18/01/2020 to 17/01/2022

**Name & Address of the Firm:-**RAIPUR WELDING AND NDT SERVICES PRIVATE LIMITED,  
PLOT NO. 100 ENGINEERING PARK, HATHKHOJ BHILAI, DISTRICT DURG, Durg, Durg, Chhattisgarh

- Note:-**
- (1) A higher class repairer would be eligible to undertake lower class works/jobs.
  - (2) The validity is subject to terms & conditions mentioned below.



SD/- Gunjan Shukla  
Chief Inspector of Boilers  
Chhattisgarh, Raipur.

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This is computer generated certificate and does not require seal and signature. This certificate can be verified online at <https://industries.cg.gov.in/boiler> through Ref No. and Certificate No.



# Photo Gallery

## Fabrication Department [ Job Executed ]

**Executed Rice Bran Crude Oil Storage Tanks as Per API-650 for  
For M/s- Vivek Agro Tank Private Limited, Dharmatari, CG.**

**Tank Size: Inside Diameter- 13 Mts. X Height-12 Mts,**

**Material of Construction: IS 2062 Fe 410**

**Material Thickness : Annular Plate: 10 mm,/08 mm.**

**Bottom Shell up to 3000 mm.- 08 Thk. Rest: 06 mm.**

**Top Roof: 05 mm., Weight of Each Tank- 60 MTS.**

**All T Joints Were 100% Radiography Done.**

**Number of Tanks Executed= 03 Nos.**

**Execution Time: 04 Months i.e. also in Pandemic Time.**

**Period: 09-09-2020 to 09-01-2021**



# Photo Gallery

## Fabrication Department [ Job Executed ]- Real Photographs







# Photo Gallery

## Fabrication Department [ Job Executed ]- Real Photographs





# Photo Gallery

## Fabrication Department [ Job Executed ]- Real Photographs



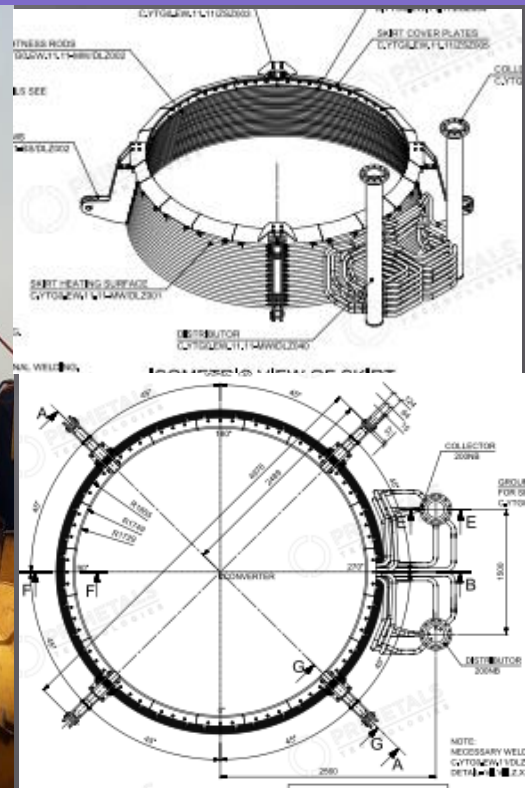


# Photo Gallery

## Fabrication Department [ Job Executed ]- Real Photographs



## WATER ROOF WORK AT JSW, TORANGULU FOR M/S-PRIME METAL



# Thank You

