Most Collaborative Supplier
Awarded by Valmet

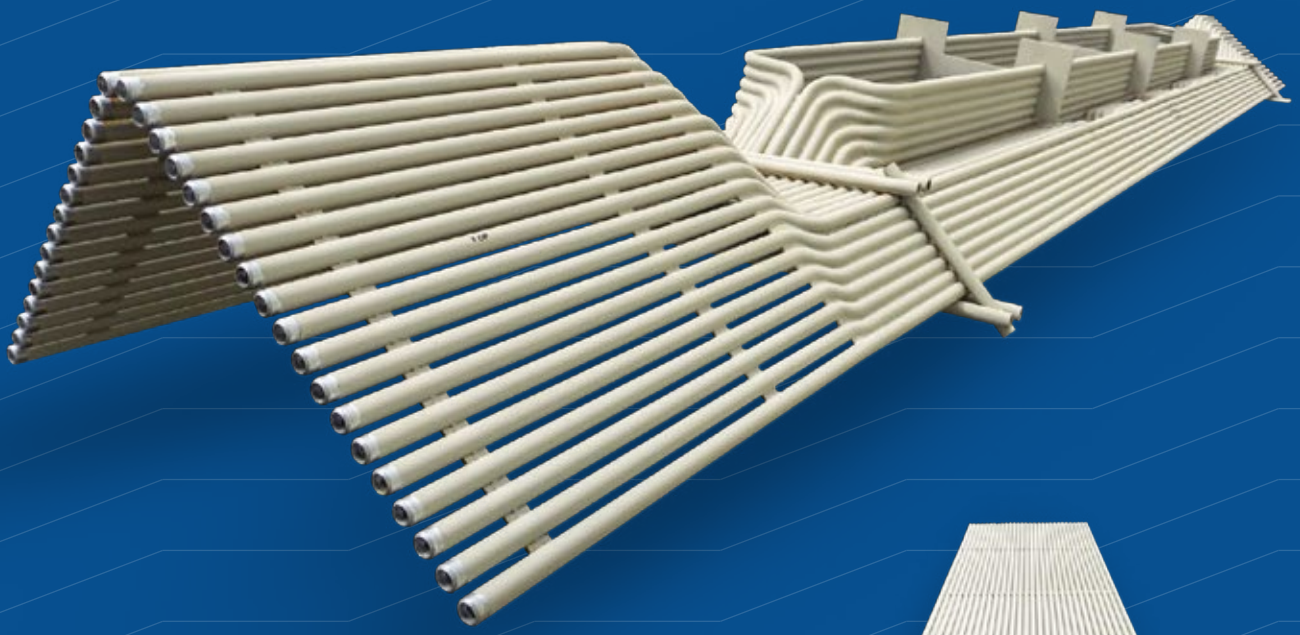
The No.1 choice of boiler makers.

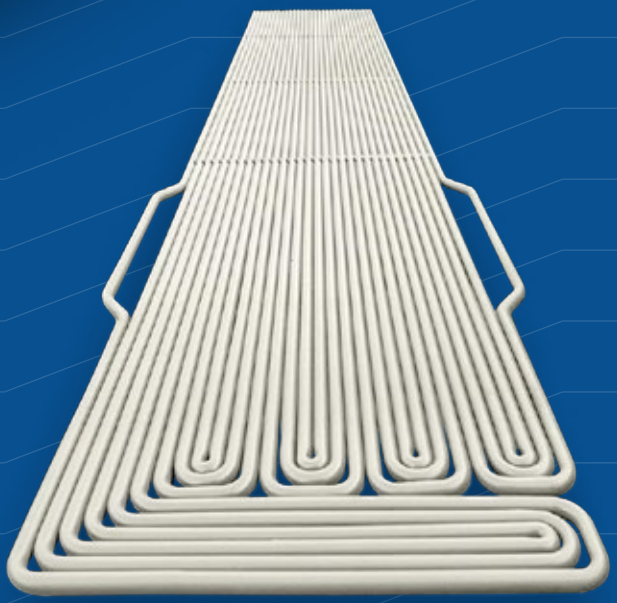
ASME (S) (U) CERTIFIED	IBR CERTIFIED	ISO 9001 CERTIFIED	ISO 14001 CERTIFIED	ISO 45001 CERTIFIED

Manufacturer & Supplier Of High Pressure boiler components, since 2010.

RIBO™

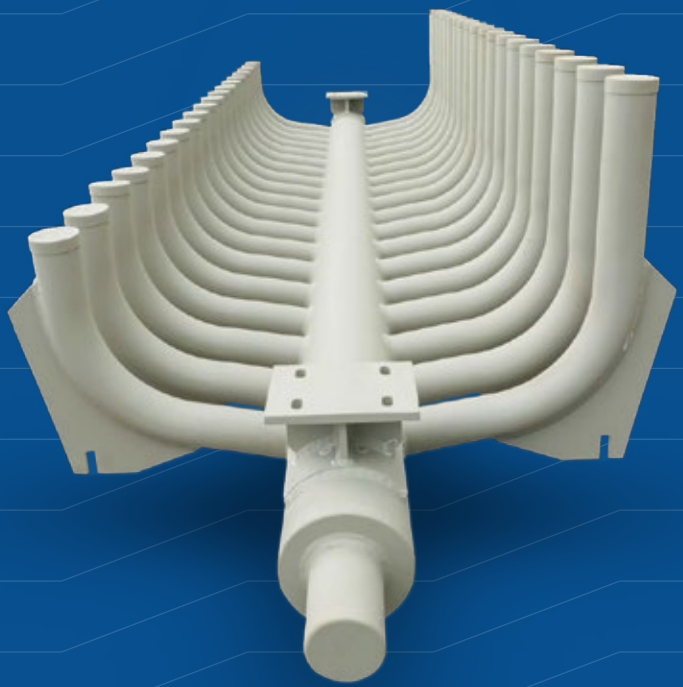
Corner-Fired Burner Panel





Superheater Coils

Header



Ultra-Precision Fabrication With Near-Zero Tolerance

Led by the finest engineering minds in the business.



R Senthilnathan | Managing Director

Since 2005, Senthilnathan has led RIBO into a transformative company. An advocate of sustainability, he believes that technology, innovation, and circular economy can transform this world.



B Saravanakumar | Director & CEO

A 30-year veteran in manufacturing and marketing boilers and their components, Saravanakumar has transformed RIBO into a 'customer first' business thereby building long term relationships.

RIBO™ products are globally in-demand.



Some of the largest companies in the world today, source RIBO™ boiler components & spares.



Best-in-class Infrastructure

RIBO's factory located at Tiruchirappalli (320km south of Chennai), the fabrication hub of India, with its close proximity to Bharat Heavy Electricals Limited - has the finest infrastructure with the latest in automated machines and technology.






SAFETY WORKS
WHEN PEOPLE
WORK
TOGETHER !

Top-of-the-line Machinery

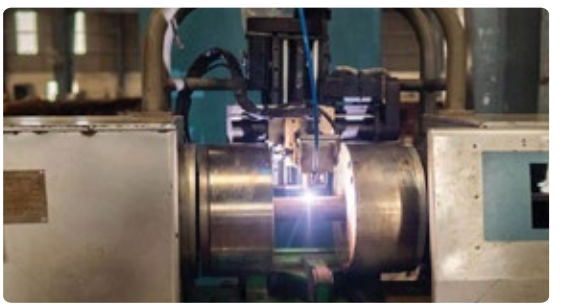
RIBO has installed a 12-torch fully integrated automatic panel processing machine capable of dual welding SAW / MIG / FCAW Process. We are one of the first companies to have installed this machine in India.



Gang Bending Machine



Straight tube butt welding machine



Automatic Marking Machine



Kempi Welding machine



Column Boom Welding Machine

Capable of producing mass welding with consistent weld bead that ensures the soundness of weld. Used primarily for drum and piping fabrication.





Drilling Machine

Capable of set-in and set-on drills for high-pressure header fabrication.

Tube Bending Machine

Helps in controlled ovality and thinning in introdus and extrodus of tubes assuring the consistent flow of steam inside the bend area for better efficiency. This machine can do close radius bends up to r/d = 1 in cold process.





Gantry Welding Machine

Produces bend panels with soot blower opening without butt weld joints - to a maximum length of 24m x 2.5m width.

Our Products

RIBO has manufactured and supplied high-pressure boiler components such as Panels, Headers, Coils, Bed Coils, Piping, and Loose tube bends, for boilers installed in multiple industries like Power, Steel, Sugar, Cement, Paper, MSW and HRSG.



Headers

Depending on the boiler capacity, headers fabricated by us vary from 100mm to 600mm NB. The stubs, branches, fittings like end caps, equal / unequal tees, weldolet, and sockolet of various sizes are very carefully welded to the main body of the header to provide the desired openings from the headers.



Waterwall Panel

We produce panels having tube OD from 38.1mm to 88.9mm and thickness from 3.6mm to 9.0mm with a maximum length of 24m and maximum width of 2.5m. We achieve straightness within a tolerance of ±3mm.



Coils

We fabricate Economiser and Super-heater coils, which are complicated close and compact shapes with tube sizes ranging from 31.8mm OD to 114.3mm OD and thickness from 3mm to 12mm in all grades ranging from carbon to high alloy steels and stainless steels.



Piping

We produce the entire piping system required for the boiler assembly with the base materials ranging from carbon steel, Low (0.5Mo), Medium (1.25-2.25Cr, 1Mo) and High (9Cr, 1Mo) alloy steel materials including stainless steel material of any thickness.



Evaporator / Bedcoils

Our stud welding machines use the arc drawn method and are capable of welding studs up to a maximum size of 25mm dia even at a very close pitch.

Super Heater Coils (SS)



Super Heater Coils



Evaporator Module



Inconel Cladding



Panel with bends & burner Openings



Evaporator Coils



Product List

The following boiler pressure components can be manufactured with the combination of specification.

	Product	Specifications	Material
1	Water wall Panel	SA 210 Gr A1 SA 213 T12	Carbon Steel Alloy Steel
2	Steam Drum	SA 516 Gr 70	Carbon Steel
3	Screen Panel	15Mo3 / 16 Mo3	Low Alloy Steel
4	Economiser Coil	SA 210 Gr A1	Carbon Steel
5	Primary Super Heater Coil	SA 210 Gr A1 SA 213 T11	Carbon Steel Alloy Steel
6	Final Super Heater Coil	SA 213 T11 SA 213 T22 / T91	Alloy Steel
7	Reheater Coil	SA 213 T22 / T91 SA 213 TP 304 / 316 / 347H	Alloy Steel Stainless Steel
8	Bed Coil	SA 210 Gr A1	Carbon Steel
9	Piping (Internal & External)	SA 106 Gr B SA 335 P11, P22, P91 SA 312 TP 304, 310, 316	Carbon Steel Alloy Steel Stainless Steel
10	Headers	SA 106 Gr B SA 335 P11, P22	Carbon Steel Alloy Steel
11	CBD, IBD and Condensate Tank	SA 516 Gr 70	Boiler Quality
12	Structural and Accessories		Carbon & Alloy Steel

Everything tested.

Our in-house non-destructive testing facility, managed by qualified Level II professionals, ensures only high quality products get delivered to customers.

Boroscope



Hydro



Radiography



First-Off Trial (FOT)



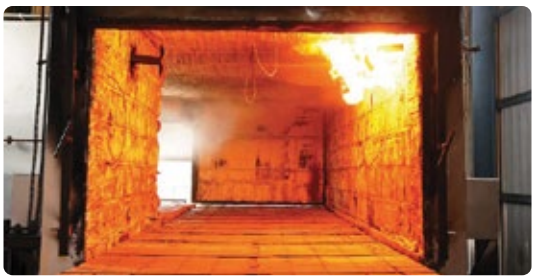
Ball Test



Sponge Test



Furnace

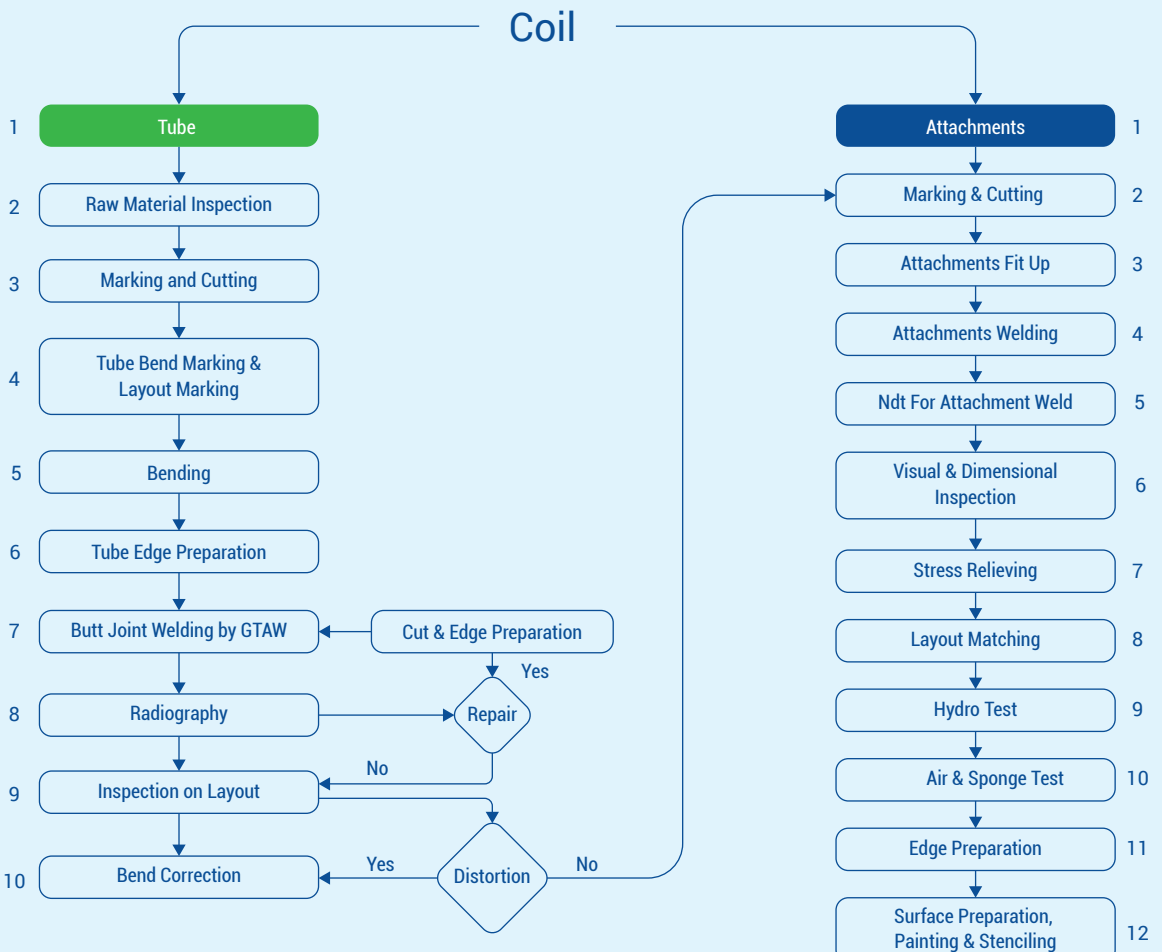


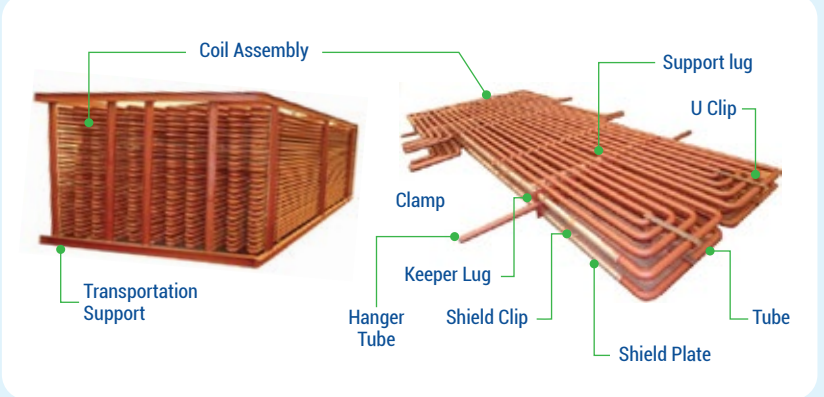
PMI Testing



Coil Fabrication Process

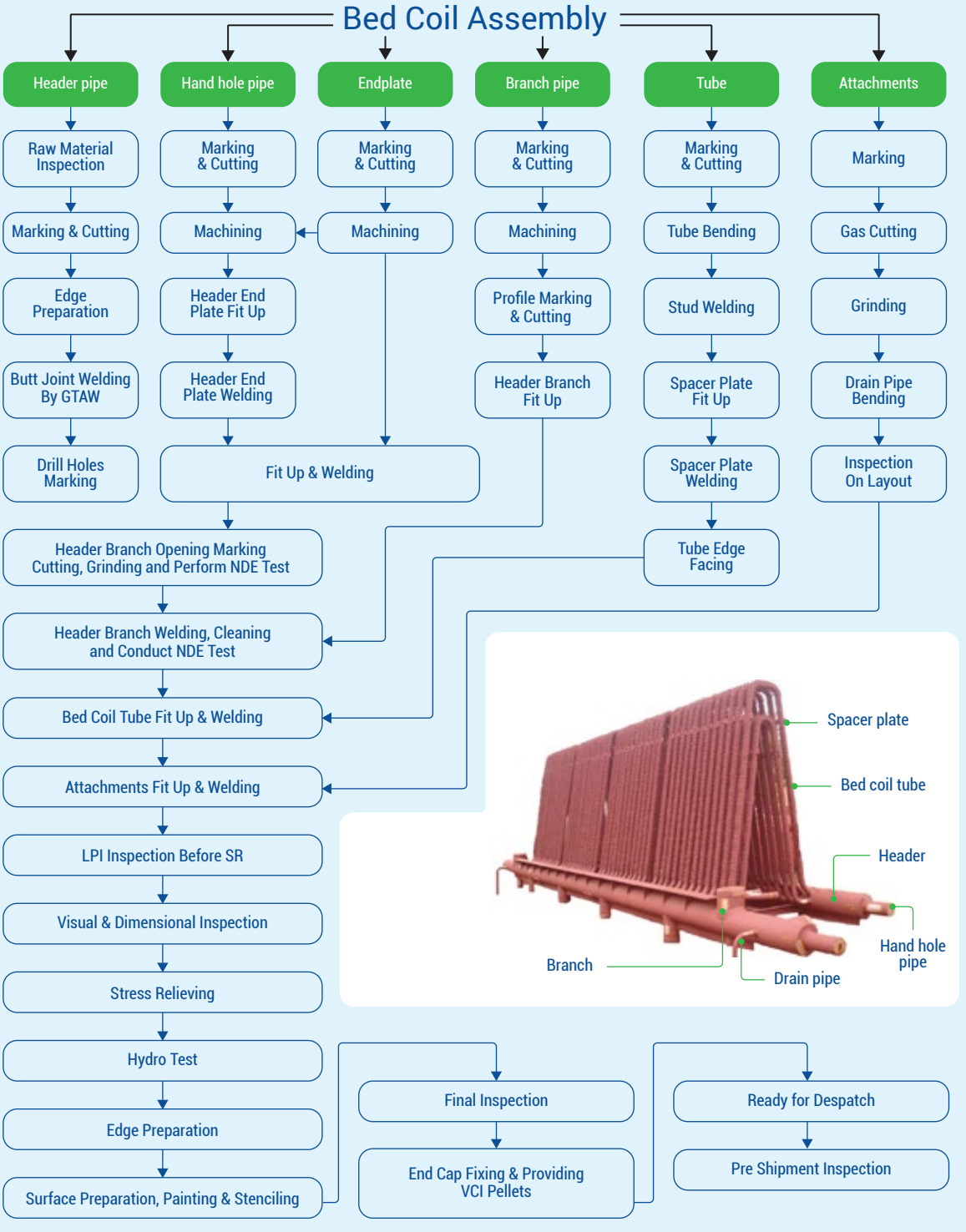
Coil fabrication undergoes a series of activities and testing procedures to ensure that the product meets the code requirement and quality standards.





Bedcoil Assembly Fabrication Process

We fabricate studded bed coils with controlled amps stud welding to enhance the lifetime of the product.



Certifications

We are certified for Integrated Management System (IMS) which includes the Quality Management System, Environmental Management System and Occupational Health & Safety Management System (ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007). We have been authorized by the American Society of Mechanical Engineers (ASME) to stamp the certification marks ASME “S” & “U”.



Bureau Veritas Certification

RIBO INDUSTRIES PRIVATE LIMITED

SF. NOS. 397/1, 2 & 3, LAKSHMANANPATTI VILLAGE, TRICHY-PUDUKOTTAI MAIN ROAD, MANDAIYUR, PUDUKOTTAI DISTRICT– 622 515, TAMIL NADU, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.

Standards

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Scope of certification

DESIGN & MANUFACTURE OF HIGH PRESSURE BOILER COMPONENTS INCLUDING PANELS, COILS, HEADERS, PIPING AND PRESSURE VESSELS

Original cycle start date for ISO 9001: **08 August 2013**
Original cycle start date for ISO 14001: **12 October 2015**
Original cycle start date for ISO 45001: **30 August 2018**
Recertification cycle start date: **08 October 2024**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **11 October 2027**

Certificate No. **IND.24.1299/IM/U** Version: **1** Issue date: **08 October 2024**

For certificate authenticity, click here https://certcheck.udas.com/

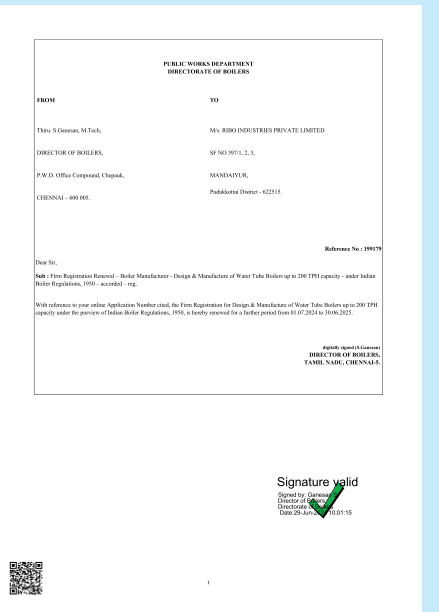
ISO 9001	IN048416
ISO 14001	IN048415
ISO 45001	IN048414

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business) 72 Business Park, Marol Industrial Area, MIDC Cross Road "C", Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call **+ 91 22 6274 2000.**



PUBLIC WORKS DEPARTMENT
DIRECTORATE OF BOILERS

FROM

Thiru. S.Ganesan, M.Tech,

DIRECTOR OF BOILERS,

P.W.D. Office Compound, Chepauk,

CHENNAI – 600 005.

TO

M/s. RIBO INDUSTRIES PRIVATE LIMITED

SF NO 397/1, 2, 3,

MANDAIYUR,

Pudukkottai District - 622515.

Reference No : 199179

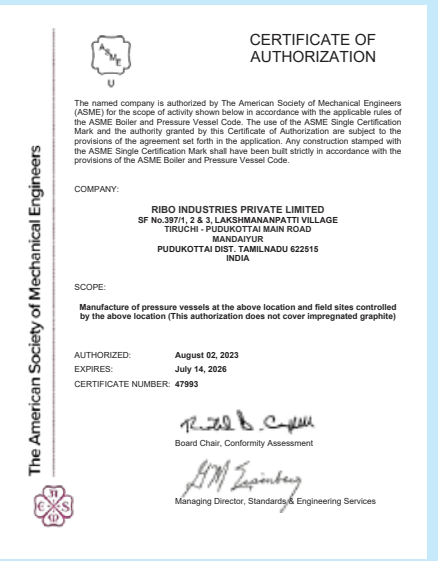
Dear Sir,

Sub : Firm Registration Renewal – Boiler Manufacturer - Design & Manufacture of Water Tube Boilers up to 200 TPH capacity - under Indian Boiler Regulations, 1950 – accorded – reg.

With reference to your online Application Number cited, the Firm Registration for Design & Manufacture of Water Tube Boilers up to 200 TPH capacity under the purview of Indian Boiler Regulations, 1950, is hereby renewed for a further period from 01.07.2024 to 30.06.2025.

digitally signed (S.Ganesan)
DIRECTOR OF BOILERS,
TAMIL NADU, CHENNAI-5.

Signature valid
Signed by: Ganesan
Director of Boilers
Directorate
Date:29-Jun-2024 10:01:15



The American Society of Mechanical Engineers

U

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

RIBO INDUSTRIES PRIVATE LIMITED
SF No.397/1, 2 & 3, LAKSHMANANPATTI VILLAGE
TIRUCHI - PUDUKOTTAI MAIN ROAD
MANDAIYUR
PUDUKOTTAI DIST. TAMILNADU 622515
INDIA

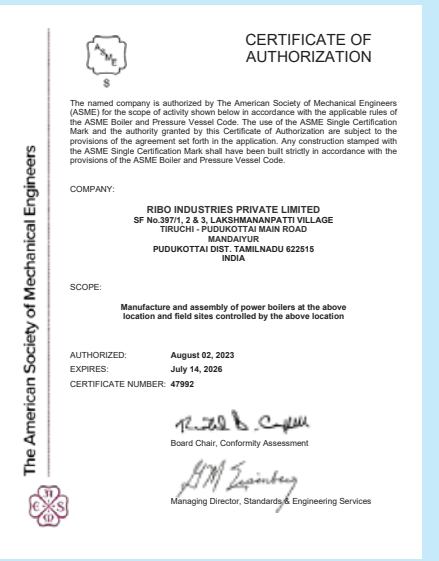
SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: **August 02, 2023**
EXPIRES: **July 14, 2026**
CERTIFICATE NUMBER: **47993**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services



The American Society of Mechanical Engineers

S

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

RIBO INDUSTRIES PRIVATE LIMITED
SF No.397/1, 2 & 3, LAKSHMANANPATTI VILLAGE
TIRUCHI - PUDUKOTTAI MAIN ROAD
MANDAIYUR
PUDUKOTTAI DIST. TAMILNADU 622515
INDIA

SCOPE:

Manufacture and assembly of power boilers at the above location and field sites controlled by the above location

AUTHORIZED: **August 02, 2023**
EXPIRES: **July 14, 2026**
CERTIFICATE NUMBER: **47992**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services


RIBO



Mono Dryer



Steam Drum



Blowdown Tank


RIBO

RIBO™

www.ribo.in

Direct line: +91 94421 42112

Email: enquiry@ribo.in

Corporate Office:

PO BOX 101, Trichy, Tamilnadu - 620001. INDIA.

Manufacturing Unit:

Trichy - Pudukkottai NH 336, Mandaiyur, Pudukkottai Dt.,
Tamilnadu - 622515. India.

Download Brochure

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