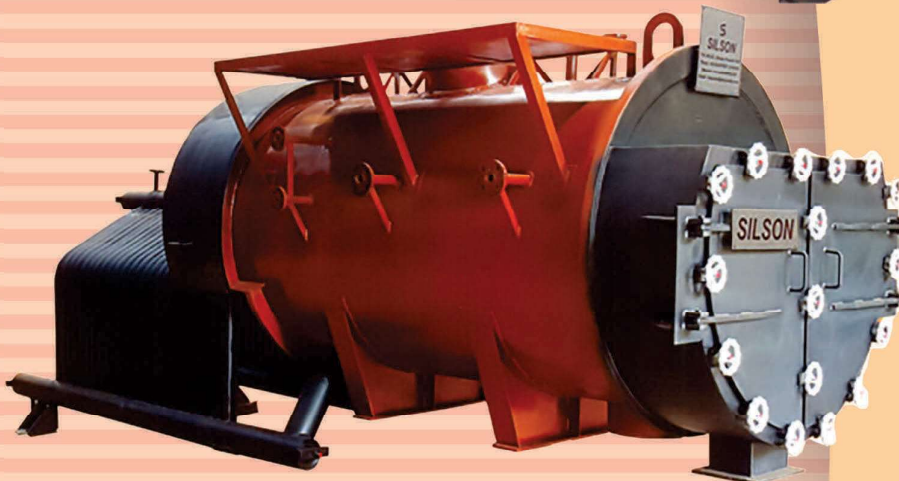
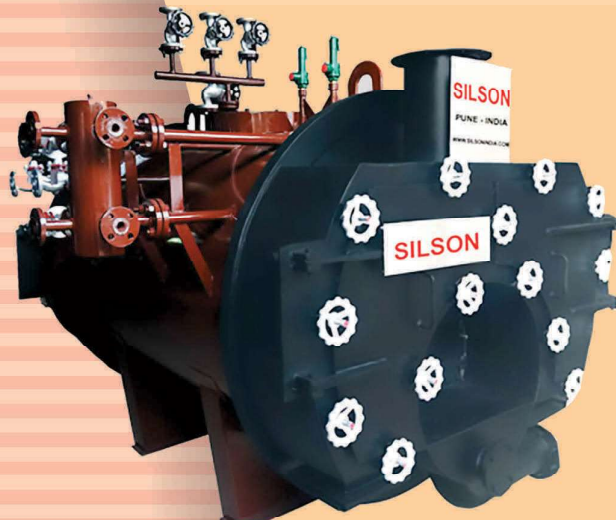




SILSON

IBR APPROVED BOILERS
FABRICATORS & STEAM ENGINEERS

M
O
S
7
/
S



SILSON

Welcome to Silson, a company established in 1989 by Mr. Farrokh P Mahava who now has over 30 years of experience in the steam industry.

Silson, an ISO 9001-2015 & IBR Certified Company, is one of the leading manufacturers of steam related products in India. The Boiler division started in 2017, and the company has already implemented over 225 boiler projects across India & 75 Boiler Projects in the International Market.

Silson is a well-known and reliable brand name in the manufacture and supply of Industrial Boilers and heating equipments. We are dedicated to providing Quality, Energy Efficient Products, and Service to our clients.

Silson is mainly concerned in designing, manufacturing, and supplying of Steam Boilers, Pressure Vessels, Heat Exchangers, and SS / MS heavy fabrication for All Process Industries.

Contemporary quality inspection and state-of-the-art infrastructure have made us competent to manufacture and supply products to global standards. We have an unrivalled experience to provide 360° customer support by our highly qualified professional expert in Analysis, R & D, Designing, Manufacturing, Installation & Commissioning of Heating Equipment Systems needed for the betterment of Industry.

We cater to various industrial organizations in the field of Process Industries. Some of the major industry segments are as follows:

- AAC/CLC Plants
- Brewery Industries
- Chemical & Fertilizer Industries
- Dairy Industries
- Dye Industries
- Food Industries
- Jaggery Plants
- Paper & Packaging Industries
- Pharmaceutical Industries
- Processing Industries
- Rice Mills
- Rubber & Tyre Industries
- Solvent Extraction Industries
- Sugar & Distillery Industries
- Tea Industries
- Textile Industries

Mission

Our mission is to create a global organization offering 100% customer satisfaction. We are also expanding our dealer and service network in order to reach every corner of the globe.

Vision

Our vision is to become the first choice for offering high performance & consistent solution in energy, environment & our engineering product.

Quality Policy

We at Silson are committed to “**Achieve Excellence in Quality**” as per Global Standards.

We strive to create an environment, where each employee contributes to all aspects of our business process. We strive, for Continuous Improvement to achieve “**Total Customer Satisfaction**”

Infrastructure

Today, Silson's strength is its manufacturing facility which includes equipments with latest automated machines like Hydraulic Plate Bending Machine, TIG, MIG & SMAW Welding Machines, Pipe Bending Machines etc. These help to ensure the “Best Manufacturing Practices” carried out in the industries.

Customer Needs

At Silson, being agile and adaptable, our constant end is to understand our customer's needs and develop products and services to suit their expectations with a focus on sustainability. Product innovation and development are always kept in mind, as per the changes in the users' industries.

“SILSON” a name you can “Trust”.

IBR REGISTRATION



Phone No.: 022 –
26571201/1304/1352
Fax: 022 –26571283



GOVERNMENT OF MAHARASHTRA
LABOUR DEPARTMENT
DIRECTORATE OF STEAM BOILERS

'Kamgar Bhavan' 7th floor, Plot No. C-20,
Block – E, Bandra-Kurla Complex, Bandra (E)
Mumbai – 400 051



E-mail: dirtsb.mumbai@maharashtra.gov.in | www.mahakamgar.maharashtra.gov.in | <http://www.mahaboiler.in>



Reference No: SB-5/NSK/2022/10001982
Dated : 07-01-2022

To,
Silson
Silson, T 32, Behind Toyato Showroom,
Bhosari, BHOSARI, HAVELI, PUNE, 411026

Sub:- Renewal of approval as a "Boiler Manufacturer, Class 2 (SHELL & COMPOSITE BOILERS PRESSURE UPTO 40 KGCM2)" as per Indian Boiler Regulations, 1950 and its latest amendments.

Ref :- Your online application vide ID 100004372175 dt.08-12-2021

Gentleman,

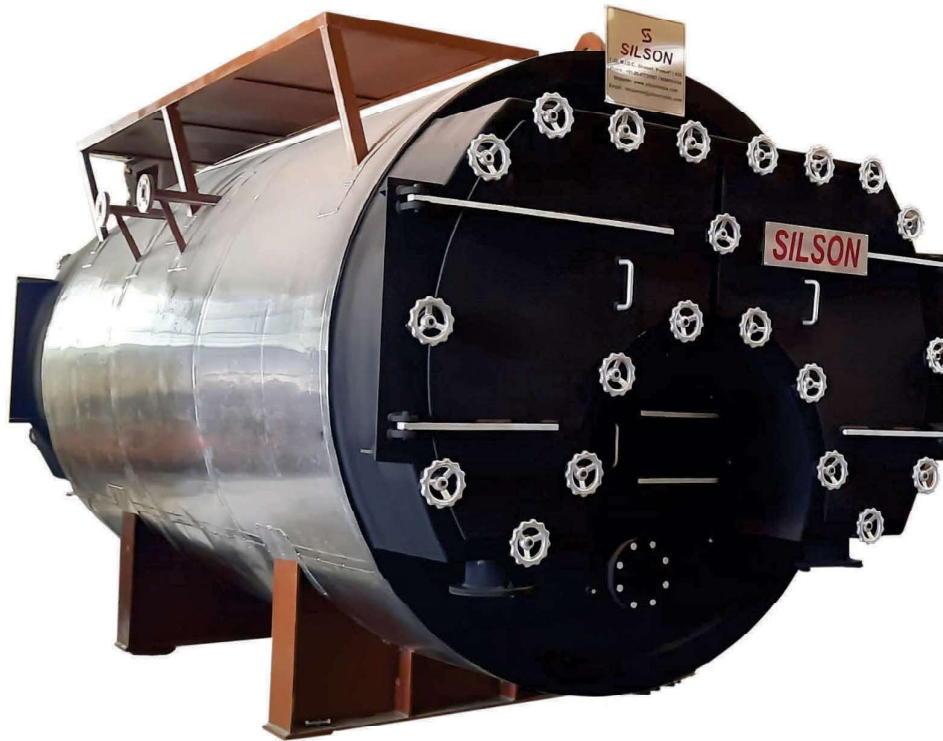
With reference to your online application vide 100004372175, dated 08-12-2021, on above subject, I have to inform you that your approval as "Boiler Manufacturer, Class 2 (SHELL & COMPOSITE BOILERS PRESSURE UPTO 40 KGCM2)" per Indian Boiler Regulation 1950 and its latest amendments is renewed upto to 31st December 2022, subject to conditions laid down in letter of approval.

You are informed to submit your next application for renewal at least One month before the expiry date.

Yours faithfully,
(Dhawal Prakash Antapurkar)

Director of Steam Boilers,
Maharashtra State, Mumbai

SOLID FUEL FIRED BOILERS



FUEL : Designed for Solid Fuel such as Wood, Briquette, Coal etc.

CAPACITY : 1000 – 6000 kg/hr.

PRESSURE : 10.54, 15, 17.5 kg/cm².

SALIENT FEATURES :

- ▶ 3-Pass Wet Back.
- ▶ Specially designed Heat Resistant Grate Bars/Nozzle Fired, depending on the type and Quality of Fuel.
- ▶ Optimum Steam Space Furnace Volume and Great Are Efficiency at 72 - 78%.
- ▶ Requires Minimum Foundation as per the drawing.
- ▶ Consists of Pumps with High Efficiency.
- ▶ Optimum Steam Space is provided with a unique steam separator to generate dry steam.
- ▶ Safety aspects are maintained with strict Quality Control.
- ▶ Optimum Steam Space is provided with a unique steam separator to generate dry steam.
- ▶ Safety aspects are maintained with strict Quality Control.

TWIN FURNACE BOILERS



FUEL : Designed for Solid Waste like Coal, Wood, Briquette, Bagasse etc.

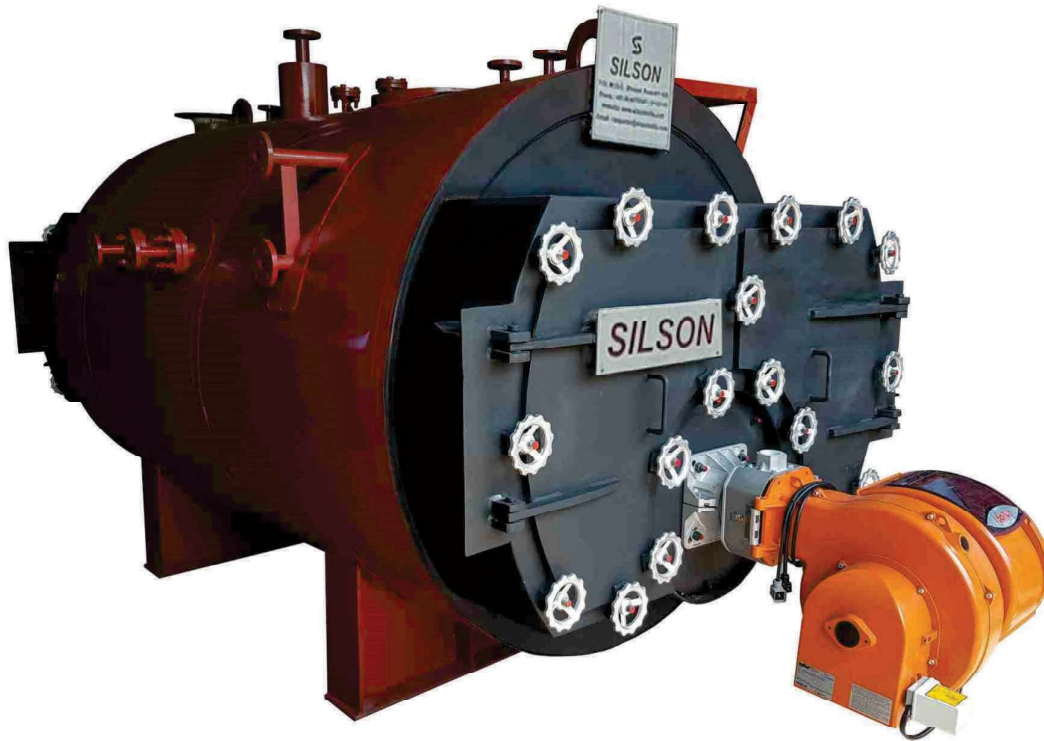
CAPACITY : 4000, 5000 & 6000 kg/hr.

PRESSURE : 10.54, 15, & 17.5 kg/cm².

SALIENT FEATURES :

- ▶ 3-Pass Wet Back.
- ▶ Specially designed Heat Resistant Grate Bar/Nozzle Fired, depending on the type and Quality of Fuel.
- ▶ Provides Efficiency between 79 - 82%.
- ▶ Requires Minimum Foundation as per drawing.
- ▶ Consists of Pumps with High Efficiency.
- ▶ Optimum Steam Space is provided with a unique steam separator to generate dry steam.
- ▶ Safety aspects are maintained with strict Quality Control.
- ▶ Providing Bowling Hoops on furnace if required

OIL/GAS FIRED BOILER



FUEL : Designed for Natural Gas / LPG / CNG / PNG / Biogas / LNG & Oil – LDO / HSD / FO

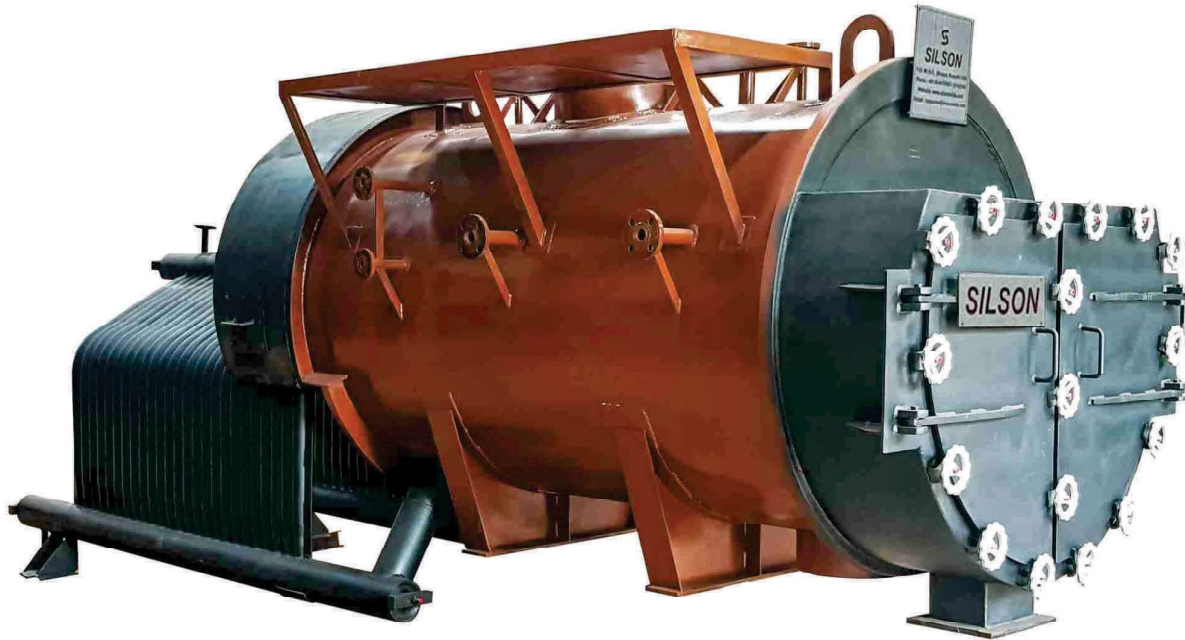
CAPACITY : 500 – 6000 kg/hr.

PRESSURE : 7, 10.54, 15, 17.5 kg/cm².

SALIENT FEATURES :

- ▶ 3-Pass Dry Back, Semi Wet , Wet Back Boilers
- ▶ Low emission (Optional) reduces Nitrogen Oxide Emission.
- ▶ CO is also lower due to increased turbulence in the combustion furnace.
- ▶ Advanced burner provides maximum Combustion Efficiency and turn down ratio 1.4 Efficiency at 88% (+/-2%).
- ▶ Burner provided with option of ON/OFF & step-less modulation.
- ▶ Consists of Pumps with High Efficiency.
- ▶ Optimum Steam Space is provided.
- ▶ Safety aspects are maintained with strict Quality Control.

MEMBRANE BOILERS



FUEL : FBC & semi FBC Boilers

DESIGNED FOR : All types of multi-fuel

CAPACITY : 2000-15000kg/hr.

PRESSURE : 10.54, 15, 17.5, 21 & upto 40 kg/cm².

SALIENT FEATURES :

- ▶ Consists of Fluidised Bed combustion that ensures High Efficiency of up to 84%.
- ▶ Comes with an Auto Fuel Feeding System and/or optional Ash Handling System.
- ▶ Easily accessible for maintenance and tube cleaning.
- ▶ Consists of 4-Pass design with Air Pre-heater.
- ▶ Shell with water wall & Bed Coil Assembly offers faster generation and consistent quality of flow & steam pressure.
- ▶ VFD Control Feeding System for proper regulation of fuel, depending upon the Load.
- ▶ Consists of Pumps with High Efficiency.
- ▶ Since it consists of a membrane wall construction, there is Zero Leakage of Flue Gasses.
- ▶ Optimum Steam Space is provided with a unique steam separator to generate dry steam.
- ▶ Safety aspects are maintained with strict Quality Control.
- ▶ High temperature Air Nozzles ensure longer life of the component.

COMBOPACK BOILERS



FUEL : Auto & Manual

DESIGNED FOR : All types of fuel like - Coal, Wood, Husk, Briquette, Agro-waste etc.

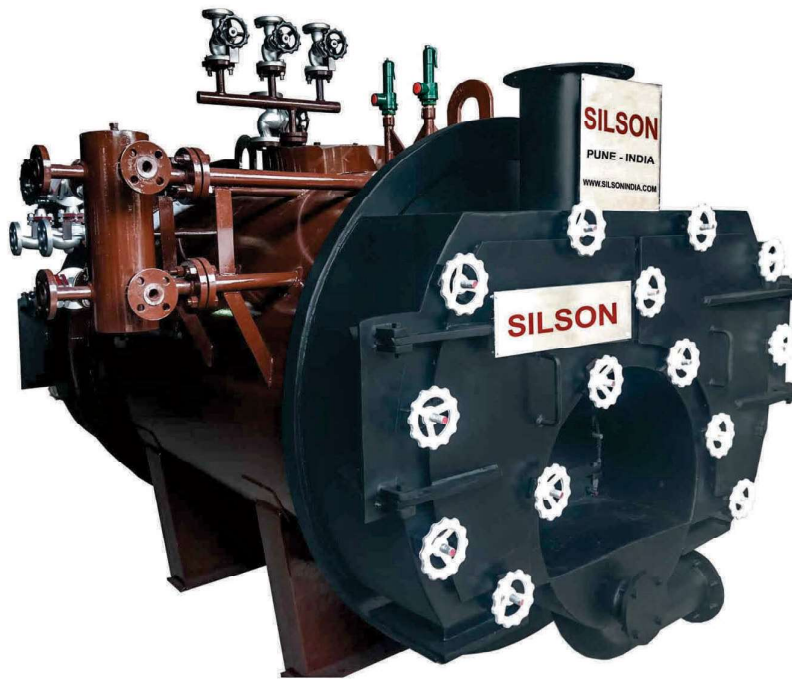
CAPACITY : 2000-6000 kg/hr.

PRESSURE : 10.54, 15, & 17.5 kg/cm².

SALIENT FEATURES :

- ▶ Can be used for Saturated Steam.
- ▶ Combustion ensures High Efficiency (up to 78%).
- ▶ Water panelled combustion chamber offers high combustion efficiency.
- ▶ Radiation provided in the furnace offers faster & consistent steam generation.
- ▶ Can be designed for Grate Bar to achieve uniform & complete combustion.
- ▶ Top Drum & Bottom Membrane Panel, with convective Tubes assembly offers faster steam generation and consistent quality, flow & steam pressure.
- ▶ Consists of VFD control feeding system and all drives (ID & FD Fans) for proper regulation of fuel to depending on Load.
- ▶ Consists of Pumps with High Efficiency.
- ▶ Optimum Steam Space is provided with a unique steam separator to generate dry steam.
- ▶ The option of 'Multi-fuel' ensures flexibility towards the usage of any fuel, available with Traveling Grate, Reciprocating Grate, and Pneumatic Feeding Arrangement.
- ▶ Ensures longer life of the component.

SMALL INDUSTRIAL BOILERS (SIB)



Specially designed for clients who require less steam like R&D Labs, Laundry, Bakery & other small scale industries.

FUEL : Designed for Wood Waste, Briquette, Coal etc.

CAPACITY : 300 - 750 kg/hr.

PRESSURE : Up to 7 kg/cm² (100 PSI).

SALIENT FEATURES :

- ▶ 2-Pass Dry Back with APH/WPH.
- ▶ Easy to Install.
- ▶ Can be provided with Skid Mounted Design.
- ▶ Compact in design, hence occupies less space.
- ▶ Specially designed Heat Resistant Grate Bar/Nozzle Fired, depending on the type and Quality of Fuel.
- ▶ Provides an Efficiency of 82% (+/- 2%).
- ▶ Consists of Pumps with High Efficiency.
- ▶ Optimum Steam Space is provided with a unique steam separator to generate dry steam.
- ▶ Safety aspects are maintained with strict Quality Control.

OUR PRESENCE

