STERLING ENGINEERS & BOILERS PVT LTD

UPGRADATION OF BOILER ,IBR APPROVED STEAM PIPING

& BOILER REPAIRERS . TURN KEY PROJECT CONTRACTORS

FOR UTILITY / PROCESS / AIR / OIL /CHILLED WATER PIPING.

STRUCTURAL, TANKS , PRESSURE VESSELS, CHIMNEY

FABRICATORS, ERECTORS, SPECIALIST IN STAINLESS STEEL

FABRICATORS,TANKS, REACTORS & CUSTOMISED EQUIPMENTS

Sub : **Company Profile Dated:26.07.2018**

**Dear Sir,**

We introduce ourselves as one of the leading and established Turn Key Project Contractors serving various industries all over India and abroad, established in the year 1989. We undertake designing, manufacturing, fabrication, erection and commissioning of all machineries, piping, boilers, structural, ducting, chimney of various projects for all industries for Utility, Oil and Gas Process Lines, Air and Chilled Water, Boiler and Steam piping, Fire Hydrant Systems, Heavy Structures, Pressure Vessels, Tanks, Chimneys. Our company’s motto is total customer satisfaction due to which we have received and executed repeat orders from our valuable clients since last many years and all our customers are satisfied with the execution of their orders or contracts placed on us.

Our group Company Sterling Engineers is 1st Class manufacturers of Boiler Pressure parts approved by Director of Steam Boilers ,Maharashtra State as per IBR (for operating pressures Upto 125 kg/cm²(g))and are also approved to execute any type of Boiler related works in India and are also approved as 1st Class Steam pipe manufacturers and repairers of Boilers .We regularly carry out upgradation of existing Boilers along with conversion of Boilers and complete Rehabilitation of old boilers leading to efficient performance of the Boilers and saving of valuable fuel.

We have modern and well equipped manufacturing utility at Chimbli, Pune and at Bhosari, Pune where in we undertake all manufacturing activity catering to our valuable clients.

We have a team of qualified and efficient Engineers and also have with us all the machinery, tools and tackles which are required to carry out erection and commissioning of small, medium and heavy equipments at any site in India and abroad and can undertake erection and commissioning activity at a very short notice as we have staff and workers with passports at any given time.

**Our activities involve designing, manufacturing, supply, erection, and commissioning of :**

1. Piping- High and Low Pressure for Oil/Gas/Steam /Water/Process/ Oil and Gas and process

 Lines.

2. Boiler Pressure parts , Steam Piping and accessories : PRDS / PRS / Mountings and Fittings and all customized boiler pressure parts as per IBR.

3. Fabrication and Erection of S S and M S Large Diameter Storage Tanks for Oil/Chemicals,

 Molasses.

4. Heat Exchangers, Complete Economizers and its Coils, Headers, Heating Coils, Reactors,

5. Pollution Control Equipments.

6. Material handling Systems- Conveyors.

7. Insulation and refractory: Cold and Hot for Boilers,Tanks,Vessels,Piping and complete refractory for Boilers.

8. Stainless Steel Jacketed Vessels and Reactors.

9. Heavy structures, gantry, columns and Beams .

10. Cross country piping,Chilling Water piping.

**Regd Office & Works :** GAT NO : 40,CHIMBLI GAON,CHIMBLI,TAL : KHED,DST : PUNE : 410501 Tel/Fax : 020 27127900

**E Mail :** *sterlingboiler@gmail.com*

STERLING ENGINEERS & BOILERS PVT LTD

**We are approved by :**

1. Director of Steam Boilers ,Maharashtra State.
2. Directorate of Small Scale Industries.
3. National Small scale Industrial Corporation.
4. AGQR Certifications
5. Bureau Veritas Pvt Ltd
6. Maharashtra Chambers of Commerce & Industries
7. Jyoti Sugar Engineering Pvt Ltd.
8. DNV

**Our Project’s are approved by** :

1. Bureau Veritas India Pvt Ltd
2. IBR.
3. Bureau Veritas India Pvt Ltd
4. EIL.
5. JPMA
6. DNV

**We are approved Vendors for :**

1. Thyssenkrupp Industries Pvt Ltd.
2. Thermax Ltd (TECC).
3. JPMA.
4. ONGC.
5. HPCL.
6. Birla Group.
7. Tata Group.
8. Bajaj Group.
9. Vedanta Sesa Iron Ore Known as Vedanta Power Ltd.
10. Imerys India Ltd. Fiberlean Group.

11. Foods And Inns Limited.

We are also approved by PWD vide our registration no : 25789 for carrying all Electrical Installation.

**Our shop is located at Chimbli and has all machinery and tools & tackles measuring**:

30000 SQ FEETx 5000 SQ FEET x 6000 SQ FEET in 2 bays .

Shop is equipped with EOT crane of 10 Tons/7 Tons

We have in house facility for DP test/X ray /Ultrasonic testing/PWHT and hydro test.

1. List of plant and machinery.

2. List of major works executed by us in recent past.

3. List of our valuable customers.

4. Company’s organization structure.

5. List of tools and tackles for site.

6. List of Engineers, Staff for site activity

1. List of products manufactured.

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We feel that on going through the attachment and the after running a fine comb you shall not have any hesitation in sending your valuable enquiry to us which shall receive our prompt attention .

Assuring you of our best service at all times.

Thanking you

Yours truly

For **Sterling Engineers & Boilers Pvt Ltd**

**Irfan Hamdule**

**Managing Director**

Encl : a/a

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**List of major works executed by us in the recent past**

|  |  |  |
| --- | --- | --- |
| **Sr no**  |  | **Description**  |
| 1 | Foods And Inns Limited | Turn Key Project for Fire Hydrant & Smoke Detection System. |
| 2 | Altair Industrial Technologies Pvt Ltd | Supply & Fabrication of structural shade material to Mumbai Dockyard Ltd. |
| 3 | Vedanta Power Ltd Amona ,Goa | Work of Dismantling/Erection of Tilting Table structure replacement & Compacting box assembly.  |
| 4 | Vedanta Power Ltd Amona ,Goa  | Work of Dismantling/Erection of Bottom Stack Tapping Work, Structure and Boiler Chimneys. |
| 5 | HPCL Biofuels ltd,Village Sugauli, Dist :East Champaran,Bihar. | Supply fabrication & erection of Swaged end Boiler bank tubes, & cutting ,removing & refitting of drum internals & testing of feed line & other piping. |
| 6 | Imerys Minerals (India) Pvt ltd,Fiberlean,105 Mile stone,Pune-Solapur Highway,Bhigwan,Tal-Indapur,Dist-Pune. | Supply fabrication & erection of SS tanks & SS pipelines with structural fabrication & Civil work. |
| 7 | Saint Gobain Gypro India Pvt Ltd), Narewadawali Village,Wada ,Thane For K P Engineering Services ,Pune  | Supply Fabrication & erection of IBR Steam piping with structural work. |
| 8 | JPMAFor Methara Sugar Factory, Ethiopia  | Rehabilitation of 56 TPH WIL boiler in including manufacturing ,supply, erection and commissioning of total Boiler pressure parts, ID Fan, Wet Scrubber, Fly ash arrestor in record 3 months . |
| 9 | ThyssenKrupp Industries India Pvt Ltd,Pimpri,Pune  | Fabrication,Supply of H P Steam Piping for 120 TPH High Pressure Boiler of Andhra Sugars Ltd . |
| 10 | Oil and Natural Gas Commission,Uran Plant Maharashtra State | Supply,Erection Piping at LPG –II plant.Manufacture/Supply,Erection of Sulphinile,Naptha Filtration/Charcoal Filter Storage Tanks  |
| 11 | JPMAFor Finchaa Sugar Factory, Ethiopia  | Rehabilitation of 65 TPH Zurn boiler including manufacturing ,supply, erection and commissioning of total Boiler pressure parts  |
| 12 | Jailaxmi Sugar Company, Maharashtra State  | Complete Boiler Modification of 80 TPH Boiler from Coal fired to Baggasse Fired Boiler  |
| 13 | Century Denim,Madhya Pradesh  | Modification of 2 Nos 8 TPH Thermax Boiler from Oil firing to Agro Waste Fired Boiler with Chimney, Structure, MDC,Economiser ,Furnace ,Travelling Grate |
| 14 | Birla Century,Gujarat State  | Modification of 2 Nos 14 TPH Thermax Boiler from Oil firing to Agro waste Fired Boiler along with all equipments-MDC,ID FD Fans,Economiser ,Air Heater,Chimney ,Steam Piping, Instrumentation  |
| 15 | Hindustan Petroleum Corporation Ltd, Bihar State  | Interface Piping and Balance of Plant Piping for- 2 Nos 2500 TCD Sugar Plant  |

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|  |  |  |
| --- | --- | --- |
| 16 | Century Enka Ltd, Maharashtra State | Erection of Complete WHRB Boiler ,Chimneys  |
| 17 | Kalyani Steels Ltd  | Turnkey Project- Steam Distribution Header, Boiler, Allied Piping,Thermal Insulation  |
| 18 | Jolly Board Ltd  | Turnkey Project- Complete Boiler Steam Distribution Header,Chimney,Allied Piping,Thermal Insulation |
| 19 | Maharashtra Distilleries Ltd  | Turnkey Project- Chimney,Boiler,Ducting,FO Storage Tanks,Structure and Civil Work  |
| 20 | Oceanic Distilleries Ltd  | Turnkey Project- Chimney,Boiler,Ducting,FO Storage Tanks,Structure and Civil Work |
| 21 | Paschim Chemicals Ltd  | Turnkey Project- Chimney,Boiler,Ducting,FO Storage Tanks,Structure and Civil Work |
| 22 | GVC Cooling Towers  | Fabrication of Structurals-120 M Tons  |
| 23 | Garware Wire Ropes | Supply Of IBR Piping material |
| 24 | Sudharshan Jeans | Supply of IBR Boiler Tubes |

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STERLING ENGINEERS & BOILERS PVT LTD

**List of major works executed by us in the recent past**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr no**  | **Clients Name**  | **Description**  | **Approx Order Value****In lacs**  |
| 1. | Foods And Inns Limited | Turn Key Project for Fire Hydrant & Smoke Detection System. | Rs.99.70 |
| 2. | Altair Industrial Technologies Pvt Ltd | Supply & Fabrication of structural shade material to Mumbai Dockyard Ltd. | Rs.356 |
| 3. | Vedanta Power Ltd Amona ,Goa | Work of Dismantling/Erection of Tilting Table structure replacement & Compacting box assembly.  | Rs.41 |
| 4. | Vedanta Power Ltd Amona ,Goa  | Work of Dismantling/Erection of Bottom Stack Tapping Work, Structure and Boiler Chimneys  | Rs.920 |
| 5. | HPCL Biofuels ltd,Village Sugauli, Dist :East Champaran,Bihar. | Supply fabrication & erection of Swaged end Boiler bank tubes, & cutting ,removing & refitting of drum internals & testing of feed line & other piping. | Rs.89 |
| 6. | Imerys Minerals (India) Pvt ltd,Fiberlean,105 Mile stone,Pune-Solapur Highway,Bhigwan,Tal-Indapur,Dist-Pune. | Supply fabrication & erection of SS tanks & SS pipelines with structural fabrication & Civil work. | Rs.425 |
| 7. | Saint Gobain Gypro India Pvt Ltd), Narewadawali Village,Wada ,Thane For K P Engineering Services ,Pune  | Supply Fabrication & erection of IBR Steam piping with structural work | Rs.114 |
| 8. | JPMAFor Methara Sugar Factory, Ethiopia  | Rehabilitation of 56 TPH WIL boiler in including manufacturing ,supply, erection and commissioning of total Boiler pressure parts, ID Fan, Wet Scrubber, Fly ash arrestor in record 3 months  | Rs.550  |
| 9. | Oil and Natural Gas Commission,Uran Plant Maharashtra State | Supply,Erection Piping at LPG –II plant.Manufacture/Supply,Erection of Storage Tanks  | Rs.815  |
| 10. | JPMAFor Finchaa Sugar Factory, Ethiopia  | Rehabilitation of 65 TPH Zurn boiler including manufacturing ,supply, erection and commissioning of total Boiler pressure parts  | Rs.900 |
| 11. | Jailaxmi Sugar Company, Maharashtra State  | Complete Boiler Modification of 80 TPH Boiler from Coal fired to Baggasse Fired Boiler  | Rs. 650  |
| 12. | Century Denim,Madhya Pradesh  | Modification of 2 Nos 8 TPH Thermax Boiler from Oil firing to Briquette Fired Boiler with Chimney, Structure, MDC,Economiser ,Furnace ,Grate | Rs.450 |
| 13. | Birla Century,Gujarat State  | Modification of 2 Nos 14 TPH Thermax Boiler from Oil firing to Briquette Fired Boiler along with all equipments-MDC,ID FD Fans,Economiser ,Air Heater,Chimney ,Steam Piping,Instrumentation  | Rs.260 |
| 14. | Hindustan Petroleum Corporation Ltd, Bihar State  | Interface Piping for- 2 Nos 2500 TCD Plant  | Rs.340 |
| 15. | Century Enka Ltd, Maharashtra State | Erection of WHRB Boiler ,Chimneys  | Rs. 145 |
| 16. | Kalyani Steels Ltd  | Turnkey Project- Steam Distribution Header,Boiler,Allied Piping,Thermal Insulation  | Rs.205 |
| 17. | Jolly Board Ltd  | Turnkey Project- Complete Boiler Steam Distribution Header,Chimney,Allied Piping,Thermal Insulation | Rs.385 |
| 18. | Maharashtra Distilleries Ltd  | Turnkey Project- Chimney,Boiler,Ducting,FO Storage Tanks,Structure and Civil Work  | Rs.298 |
| 19. | Oceanic Distilleries Ltd  | Turnkey Project- Chimney,Boiler,Ducting,FO Storage Tanks,Structure and Civil Work | Rs.185 |
| 20. | Pashim Chemicals Ltd  | Turnkey Project- Chimney,Boiler,Ducting,FO Storage Tanks,Structure and Civil Work | Rs.205 |
| 21. | GVC Cooling Towers  | Fabrication of Structurals-120 M Tons  | Rs.80.89  |

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**LIST OF OUR VALUED CUSTOMERS**

|  |  |
| --- | --- |
| **Sr No**  | **Name of Client**  |
| 1 | TECC Division( Thremax Ltd ) – Complete Boilers with Chimneys for 98 Boilers  |
| 2 | Shree Precoated Steels Ltd – Chimneys- 3 Nos with Complete Boiler |
| 3 | High Explosives Factory- Complete Steam and Process piping  |
| 4 | Explogel India Ltd – Chimney  |
| 5 | Katraj Dudh Dairy – Chimneys  |
| 6 | Hotel Pride Executive – Boiler with Piping  |
| 7 | Oriental Rubber Ltd- Chimney  |
| 8 | Wockhart Ltd – Chimney and Boilers with Piping  |
| 9 | Siddheshwar S S K Ltd – Chimney  |
| 10 | Ugar Sugar Works Ltd  |
| 11 | Serum Institute of India Ltd – Chimney with Boiler ,Piping etc  |
| 12 | Birla Group- 2 Chimneys  |
| 13 | Cipla Ltd,Kurkumbh- Complete Steam and Process Piping  |
| 14 | Wytewater Technologies Ltd – Steam Piping  |
| 15 | Enron Power Corporation Ltd – Boiler Repairs  |
| 16 | IVBP Ltd |
| 17 | Fouress Engg Ltd – Chimneys ( ONGC )  |
| 18 | Canpex Chemicals Ltd – Chimney with Boiler and Steam Piping  |
| 19 | ONGC ,Uran Plant Piping/Tanks/Chimney  |
| 20 | Bharat Oman Refinery  |
| 21 | Tata Johnsons Controls Ltd  |
| 22 | Tata Autoplast Ltd  |
| 23 | Century Enka Ltd – 3 Chimneys  |
| 24 | Mahyco India Ltd |
| 25 | Elpro India Ltd |
| 26 | Maharashtra Distilleries Ltd – Chimney  |
| 27 | Pashmin Chemicals Ltd  |
| 28 | NIV ( Pune ) |
| 29 | Foods & Inns Ltd- Chimney with Boiler and Steam Piping  |
| 30 | Image India Ltd  |
| 31 | Chakan Veg Ltd - Chimney |
| 32 | National Institute of Virology- Chimney  |
| 33 | Associated Capsules Ltd – Boiler ,Chimney  |
| 34 | Mayur Dudh Sangh – Chimney  |
| 35 | Jolly Board Ltd- Chimney  |
| 36 | Oceanic Distilleries Ltd – Chimney  |
| 37 | Methara Sugar Factory,Ethiopia  |
| 38 | JPMA- Complete 56 Tons/Hr WIL Boilers’s Revamping  |
| 39.  | Jaya Hind ,Urse – 3 Nos Chimneys  |

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STERLING ENGINEERS & BOILERS PVT LTD

**Company’s Organizational Structure**

 **Managing Director**

**Technical Director**

**Director- Projects**

**Works Manager Manager -Marketing & Commercial Manager Projects**

Shop Engineers ( BE ) Accounts Officer Site Engineers ( BE )

Draftsman ( DME ) Typist cum Tel Operator

Engineers ( DME ) Site Co Coordinators Engineers ( DME )

QC Engineers QC Engineer

Sr Foreman Sr Foreman

Foreman Foreman

Skilled Fitters Skilled Fitters

Skilled Welders Skilled Welders

Electrician Electrician

Hydra Crane operators Hydra Crane Operators

Unskilled Workers Unskilled Workers

|  |  |  |
| --- | --- | --- |
| **Team A**  | **Team B** | **Team C** |
| Engineer ( BE ) | Engineer ( BE ) | Engineer ( BE ) |
| Engineer ( DME ) | Engineer ( DME ) | Engineer ( DME ) |
| Site Co ordinator  | Site Co ordinator  | Site Co ordinator  |
| Sr Foreman  | Sr Foreman  | Sr Foreman  |
| Foreman | Foreman | Foreman |
| Skilled Fitters | Skilled Fitters | Skilled Fitters |
| Skilled Welders | Skilled Welders | Skilled Welders |
| Electrician | Electrician | Electrician |
| Hydra Crane Operators  | Hydra Crane Operators  | Hydra Crane Operators  |
| Unskilled Workers | Unskilled Workers | Unskilled Workers |
| Skilled Workers | Skilled Workers | Skilled Workers |
|  |  |  |

**Man power can be increased as per site requirements**

**Skilled man power is available with valid passports and can travel abroad at any given time.**

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**List of Plant and machinery**

 Shop has 2 bays of 55 X 150 X 25

 Total Area of factory : 30000 sq feet

 Shop is equipped with as EOT crane of 10 Tons/7 Tons

 Shop is also equipped with power back up DG Set

 2 Nos of Hydra are also available

|  |  |  |
| --- | --- | --- |
| **Sr No**  | **Item Description**  | **Qty**  |
| 1 | Plate Bending machine- 20 mm  | 1 |
| 2 | Plate Bending machine- 12 mm  | 1 |
| 3 | Hydraulic Press – 150 Tons  | 2 |
| 4 | HMT Radial Drilling machines RM -62,RM 50  | 3 |
| 5 | Radial Drilling machine 20mm dia  | 1 |
| 6 | Radial Drilling machines  | 2 |
| 7 | Lathe -12 ‘ | 1 |
| 8 | Lathe 6 ‘  | 1 |
| 9 | Tube Bending machine upto 4 “ dia  | 1 |
| 10 | Tube Bending machine upto 3 “ dia | 2 |
| 11 | Tube Swaging Machine  | 1 |
| 12 | Welding Rectifier  | 25 |
| 13 | CO 2 welding Machines  | 2 |
| 14 | Welding transformers  | 15 |
| 15 | SAW machines  | 1 |
| 16 | Chop saw machines | 5 |
| 17.  | CNC Tube bending machine for short radius bends | 1 |

**We also have with us all required tools and tackles to undertake heavy fabrication and erection at site along with 2 nos of hydra, motorized winches, heavy hoisting equipments, heavy duty chain blocks, scaffolding material, welding machines, rectifiers and also have 20 feet containers which serve as office cum store at site.**

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**List of Tools and Tackles for site activity**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr No** | **Description**  | **Make /Details**  | **Quantity** |
| 1. | Hydra  | 10 Tons Capacity | 2 Nos  |
| 2. | Mechanical Winches  | 10 Tons Capacity | 3 Nos  |
| 3. | Chain Blocks | Universal Make 10 Tons/5 Tons/2 Tons/1 Tons  | 3 Nos each |
| 4. | Welding Rectifiers  | Memco make 240Volts/400 amp  | 10 Nos  |
| 5. | Welding Transformers  | Memco make 440Volts/400 amp | 10 Nos  |
| 6. | Portable Grinders  | Wolf make PD 100 | 5 Nos  |
| 7. | Angle Grinders  | AG 7,AG5,AG3,AG2,AG1  | 3 Nos each |
| 8. | Derrick | 50 Mtrs long /10 Tons  | 1 |
| 9. | Hydro testing machine | 250 kg/cm²( g) capacity  | 1 Nos  |
| 10. | U clamps,C clamps,d shakles,  | 2,5,10 Tons capacity | 3 Nos each |
| 11. | Argon Welding Sets  | 400 amps  | 10 Nos  |
| 12. | Spanners of all sizes |  | 3 Sets  |
| 13 | Cutter sets  |  | 10 Nos  |
| 13 | Expanders  | Power master/Niksu make  | All sizes  |
| 14. | Tube pulling machine  | Power master make. | 1 Nos  |
| 15. | Measuring Tapes  | 1 mtrs,5 mtrs,20 mtrs ,50 mtrs,100 mtrs  | 2 nos each |
| 16. | Digital Vernier calipers  | 6”,12 “ long  | 2 nos  |
| 17. | Magnetic Drilling machine  | 3” capacity  | 1 Nos  |
| 18. | Crane With 50 Mtrs boom  |  | Shall be made available at site  |
| 19. | Screw Drivers, Spanners, hammers, Chisels,Turn Buckles  |  | 3 sets  |
| 20. | Tube expanding machines  | Power master make ( Upto 4 “ OD ) | 2 Nos  |
| 21. | Tube shamphering machines  | Power master make ( Upto 4 “ OD | 2 Nos  |
| 22. | Tube cutters  | Electric – Black and Decker  | 3 Nos  |
| 23. | Rassi and cappi -2/3/5  |  | 2 Nos each  |
| 24. | Hand hacksaw |  | 3 sets  |
| 25. | Welding helmets  |  | 25 sets  |
| 26 | Safety belts  |  | 25 nos  |
| 27. | Safety helmets  |  | 25nos  |
| 28. | Wires,ropes,jacks – 5 Tons capacity  |  | 3 sets  |
| 29 | Ovens  |  | 5 Nos  |
| 29. | NDT-Radiography/UT/DP  | Shall be out sourced at site |   |
| 30. | SR assemblies with temp recorder  | In house  |  |

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**List of Engineers/Workers for site activity**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No**  | **Description**  | **Total** | **Permanent** | **Casual**  |
| 1 | Site Engineers  | 6 | 6 | - |
| 2 | Engineers ( QC) | 2 | 2 | - |
| 3 | Supervisor ( QC) | 3 | 3 | - |
| 4 | Site Supervisors  | 5 | 4 | 1 |
| 5 | Shift Supervisors  | 2 | 2 | - |
| 6 | Welders – Skilled  | 10 | 6 | 4 |
| 7 | Welders- Semi skilled | 5 | 4 | 1 |
| 8 | Fitters – Skilled  | 6 | 5 | 1 |
| 9 | Fitter – Semi skilled  | 5 | 5 | 1 |
| 10 | Riggers  | 25 | 20 | 5 |
| 11 | Helpers  | 40 | 10 | 30 |
| 12 | Site Co ordinators  | 2 | 2 | - |
| 13 | Electrician  | 2 | 1 | 1 |
| 14 | Safety Officers  | 2 | 1 | 1 |

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STERLING ENGINEERS & BOILERS PVT LTD

**LIST OF FINAL PRODUCTS MANUFACTURED**

We are turnkey project contractors and serve the Utility ,Process Industries, Oil and Gas Industries, Service Industries, Captive Power Plants , Sugar Plants, Coal Plants, Steel Mills, Chilling Water plants, Chemicals and Fertilizer Plants, Cotton and Cloth manufacturing Mills ,Semi Conductors Plants, Solar Power Plants, Process Industries ,Factories, Office Establishments ,Hotels, Small Industries at all such plants wherein Boilers and its axillaries are used in the manufacturing process either to generate steam, power or use steam in the process of Heating or Cooling.

Boilers and its accessories are manufactured by us. All Boiler Pressure Parts/Spares are manufactured as per Indian Boiler Regulations 1950 and its latest amendments under inspection of The Director of Steam Boilers, Maharashtra State.

The list of products and its by products are broadly indicated as below and are subject to amendments and alterations as per the clients design requirement and parameters. The names may vary from the type of Boiler/its Parts and hence the nomenclature may vary.

1. Boilers
2. Boiler Pressure parts
3. Boiler accessories.
4. Boiler firing equipments
5. Boiler Piping and its accessories.
6. Material handing Equipments.
7. MS Tanks and Vessels.
8. Pollution Control Systems.
9. Pressure vessels.
10. Instrumentation.
11. Civil work.
12. Electrical.
13. Insulations-Cold & Hot.
14. Chimneys. & Stacks.
15. Ducting, dampers.
16. Heat Exchangers
17. Structural’s, ladders, Platforms.
18. **Boilers:** from 05 kg/cm ² pressure to 125kg/cm² and from 0.5 kg to 100Tons/Hr Capacity oil fired, Waste Heat, CO, WHRB, HRB, Biogases Fired, Multifuel, Bi drum ,Single Drum, Package, depending upon the customers requirement and design parameters.
19. **Boiler Pressure parts** : for OEM /Customer’s existing Boilers
20. Super heater Coils with headers
21. Economizer Coils ( Integral and Non Integral) with headers
22. Boiler bank Tubes.
23. Furnace Tubes.
24. Panel Tubes with headers
25. Rear wall Tubes.
26. Front wall Tubes.
27. Relief Tubes.
28. Roof Tubes.
29. Platen Super Heater Coils.

11.Secondary Super Heater Coils with headers

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1. Reheater Tubes and Coils.
2. Water wall Tubes.
3. Inbed Super heater Coils and tubes.
4. Studded tubes.
5. Membrane wall Tubes.
6. Panel Tubes.
7. Air Heater Tubes.
8. Desuper Heater.
9. Convection Bank Tubes.
10. Platen Super Heater Coils.
11. Finned Coils and Tubes.
12. Finned Economizer Coils and Tubes.
13. Evaporator Tubes.
14. Evaporator Coils
15. Finned Evaporator Tubes.
16. Finned Economizer Coils.
17. Studded bed Coils.
18. Finned Economizer Coils.
19. Steam Distribution Header.
20. Side wall Headers.
21. Front Wall headers.
22. Steam Drums.
23. Water Drums.
24. Super Heater headers.
25. Intermediate Headers.
26. Steam distribution Headers
27. **Boiler Accessories:**
28. Chimney. With all accessories.
29. Bagasse feeders.
30. Rotary Bagasse feeders.
31. Bagasse Spreaders.
32. Bag Filters.
33. Dust Collectors.
34. Cyclone Type dust collectors.
35. Wet scrubbers.
36. DM plant.
37. ID fan with or without motors, controls, drives, base frames, VFD.
38. FD fan with or without motors, controls, drives, base frames, VFD.
39. SA fan with or without motors, controls, drives, base frames, VFD.
40. LP Dosing System.
41. H P dosing System.
42. M.P dosing System
43. Safety valves.
44. Inlet, Outlet, safety, NRV , drain, Vent, Butterfly, Control Valves.
45. Ducting and dampers.

**Regd Office & Works :** GAT NO : 40,CHIMBLI GAON,CHIMBLI,TAL : KHED,DST : PUNE : 410501 Tel/Fax : 020 27127900

**E Mail :** *sterlingboiler@gmail.com*

STERLING ENGINEERS & BOILERS PVT LTD

1. **Boiler firing equipments**
2. Dumping Grate with power pack and drives.
3. Pulsating grate with power pack and drives.
4. Furnaces.
5. Oil firing equipment.
6. Gas burners

**5. Boiler Piping and its accessories.**

1. Blow Down Pipes of all sizes and thickness along with valves, reducers, tees, flanges,

 Control valves.

1. Steam Piping of all sizes and thickness along with valves, reducers, tees, flanges, control

 valves..

 3. Cold water piping along with valves,reducers,tees,flanges,control valves

 4. DM Plant piping along with valves,reducers,tees,flanges,control valves

 5. LP,MP,HP dosing piping along with valves,reducers,tees,flanges,control valves

 6. PRDS Station along with valves,reducers,tees,flanges,control valves .

 7. PRS Station along with valves,reducers,tees,flanges,control valves with instrumentation.

**6. Material handing Equipments**

 1. Conveyors for handling Coal,Bagasse,Ash,briquettes, wood, lignite, agro waste consisting

 of belts, M.S,SS-flats, CI plates, AC/DC motors, actuators, reduction gear boxes,

 platforms, jigs, fixtures, drives, control panels, instrumentation along with structure,

 ladders, platforms. .

 2. Return bagasse carriers.

 3. Bagasse Feeders

 4. Rotary bagasse Feeders and drives.

 5. Coal handling conveyors, buckets, flaps, motors.

 6. Screw Conveyors

7. **M S /SS tanks**

 1. Capacity from 1 KL to 10000000 Kl for Steam,water, molasses, Liquids, Petrol, Diesel,

 Chemical and all forms of semi liquids, liquids with or without lining.

2. Round, Hemispherical, spherical, horizontal , topospherical ,Vertical, horizontal fixed,

 floating head tanks .

1. **M S /S S Vessels**.

1. All M S / S S vessels for storing all gases, acids, and liquids in gaseous forms.

2. Round, Hemispherical, spherical, horizontal. ,topospherical. ,Vertical, horizontal fixed, floating head vessels .

1. **Pressure vessels.**
2. Accumulators.
3. Steam accumulators.
4. Spherical or cylindrical subjected to internal pressure of steam or liquids.

1. **Instrumentation**
2. Instrument appliances and machineries.
3. Instrument parts
4. Electrical board ,panels, and cabinets,
5. Steam and water vapor generating boiler parts.

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STERLING ENGINEERS & BOILERS PVT LTD

1. **Civil work.**

All project related civil /construction work.

1. **Electrical.**
2. Electrical boards with cables.
3. Wires and cables.
4. Conduit pipes.
5. Mountings and fittings.
6. **Insulations-Cold & Hot**

All insulations (cold and hot) as required at projects along with acoustic insulation.

1. **Chimneys and stacks**

Fabricated chimneys manufactured from M.S plates with flanges /without flanges or ready

made pipes along with all accessories used to discharge flue gas, hazardous gases in to

the atmosphere.

1. **Ducting and dampers:**
2. M S fabricated ducting, in round, square, rectangle shape with or without flanges.
3. Ducting manufactured from readymade pipes in round shape.
4. Dampers of various types used to control flow of flue,gases etc.
5. **Heat Exchangers:**

**Shell and tube type, plate type, tube fin type, spiral tube type.**

1. Evaporators -
2. Condensers- water cooled, gas cooled.
3. Heaters-feed water
4. Coolers and Chillers
5. **Structurals,laddes,Platforms:**

All structurals,ladders, platforms with chequered plates, gratings, etc as per customers

sizes and specifications.

1. Cross Country Piping for Gas,Oil and In plant piping for LPG,Petrol along with structurals,civil foundation works.

For **Sterling Engineers & Boilers Pvt Ltd**

**Irfan Hamdule**

**Managing Director**

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