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GyanTosh Fabricators Pvt. Ltd.

DARE TO THINK BEYOND

COMPLETE HEATING &
UTILITY SOLUTIONS

STEAM. HEAT. ENGINEERED TO YOUR PROCESS.

- Boilers ■ Heat Exchangers
- Air Pollution Control ■ Fuel Handling
- Fabrication ■ Fire Hydrant Systems



AUTHORISED DEALER

CHEEMA BOILERS LTD.

Madhya Pradesh · Rajasthan · Maharashtra

ISO
9001:2015
CERTIFIED

IBR
Compliant
FABRICATION



COMPANY PROFILE

About GyanTosh

Heating systems that power efficient operations

GyanTosh Fabricators Pvt. Ltd. is an IBR-compliant manufacturer of industrial boilers, thermal systems and plant utilities, based in Indore, Madhya Pradesh. For over two decades we have designed, fabricated, erected and commissioned steam and heat systems for process plants across India – from a single packaged boiler to a complete turnkey boiler house.

Every system is sized around the client's fuel, load profile and emission limits rather than a fixed catalogue. Our quality management system is certified to ISO 9001:2015, and we are the authorised dealer for Cheema Boilers Ltd. in Madhya Pradesh, Rajasthan and Maharashtra.

Under one roof



Design & IBR documentation

Sizing, drawings and statutory paperwork prepared in-house.



Fabrication & IBR welding

Pressure parts, vessels and structures built in our own shop.



Erection & commissioning

Our site teams install, test and hand over running plant.



Lifecycle service

AMC, spares, retrofits and audits after handover.

20+

Years in industrial heating

500+

Heating projects delivered

18+

Industries served

PAN India

Supply & service reach

AUTHORISED DEALER

Cheema Boilers Ltd.

GyanTosh is the authorised dealer for Cheema Boilers Ltd. across three states. Plants here get Cheema's proven boiler technology with a local team handling selection, supply, erection, commissioning and after-sales support.

Madhya Pradesh

Rajasthan

Maharashtra



Boiler erection in progress at a client site

OUR STRENGTHS

Why plants choose GyanTosh



Engineered to your fuel

Coal, biomass, husk, briquette, RDF, slop, oil, gas or electricity – the system is sized for the fuel you can reliably buy.



Single-point responsibility

Design, fabrication, erection and commissioning handled by one accountable team.



IBR-compliant build

IBR-qualified welders, in-house hydro and DP testing, and complete statutory documentation.



ISO 9001:2015 quality

A certified quality management system across machining and fabrication.



Central India base

From Indore, plants across MP, Rajasthan, Maharashtra and beyond are within easy reach.



Support after handover

AMC, spares, retrofits and plant audits that keep the boiler house running.



PRODUCT RANGE

Industrial Steam Boilers

0.5 to 25 TPH, IBR and non-IBR

Solid-fuel, biomass, oil, gas and electric steam boilers for process duty. Each boiler is specified from the fuel you can source, the steam flow and pressure your process needs, the way that fuel has to burn, and the statutory scope it falls under.

Grate and fluidised-bed designs handle high-ash and variable fuels; packaged units arrive shop-assembled for faster commissioning; waste heat recovery boilers raise steam from exhaust you already produce.

Solid fuel fired

Coal • Wood • Husk • Briquette • Biomass • RDF • Distillery slop

Grate & bed technology

Travelling grate • Reciprocating grate • AFBC

Oil, gas & electric

Oil fired • Gas fired • Electric • Packaged steam boilers

Configurations

Water-cum-smoke tube • Waste heat recovery • Mini boilers



HUSK FIRED



PACKAGED



WASTE HEAT RECOVERY



TRAVELLING GRATE

THERMAL SYSTEMS

Heaters & Heat Exchangers



Thermic Fluid Heaters

Process heat at 280–300°C at near-atmospheric pressure, solid-fuel or oil/gas fired.



Hot Water Generators

Direct hot water for process, CIP and space heating, without a steam-and-calorifier stage.



Hot Air Generators

Direct and indirect fired units for drying, curing and seasoning; indirect firing keeps flue gas out of the process air.

Heat Exchangers

Selected for duty, pressure and fouling risk; fabricated in carbon and stainless steel.



SHELL & TUBE



PLATE & FRAME



DOUBLE PIPE



FINNED TUBE



EMISSION CONTROL

Air Pollution Control Systems

Cleaner stacks, compliant plants

Dust and emission control engineered together with the boiler or process it serves, so draft, flue-gas path and ash discharge work as one system. Supplied, installed and serviced by our own teams.



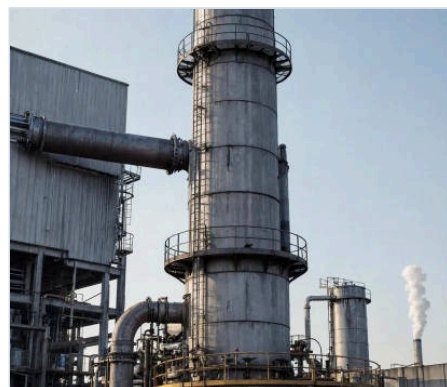
Electrostatic Precipitators

High-efficiency particulate capture for large solid-fuel boilers and process gas streams.



Pulse Jet Bag Filters

Fabric filtration for fine dust, with automatic pulse cleaning for continuous duty.



Wet Scrubbers

Particulate and gas removal in one stage, including compact skid-mounted units.



Cyclone Separators & Multi-cyclones

Robust mechanical collection on their own, or as pre-cleaning ahead of a bag filter or ESP.

MATERIAL HANDLING

Fuel & Ash Handling Systems

From fuel yard to furnace, and ash to disposal

A solid-fuel boiler runs only as well as the fuel reaching it. We design and build the complete chain — receiving, crushing, screening, conveying, storage and metered feeding into the furnace, then ash extraction and handling — matched to the boiler's fuel and firing rate.



BELT CONVEYORS



SCREW CONVEYORS



CHAIN CONVEYORS



BUCKET ELEVATORS



PNEUMATIC CONVEYING



VIBRATING SCREENS



COAL CRUSHERS



BOILER FUEL FEEDING



IN-HOUSE MANUFACTURING

Fabrication & Balance of Plant

GyanTosh site installation

Built in our own shop

We fabricate in mild steel and stainless steel, to drawing and to IBR, with plate bending, press brake, plasma cutting, machining and IBR-qualified welding under one roof, backed by in-house hydraulic and DP testing.

Our ISO 9001:2015 certification covers the manufacture and supply of machined and fabricated equipment, structures and parts – the scope that makes up a boiler house beyond the boiler itself.

Pressure parts & piping

IBR / NIBR steam & condensate lines • Pressure vessels • Economisers • Deaerators

Draft & combustion

ID / FD fans • Dual fuel burners • Ducting • Self-supporting chimneys

Plant & structure

Storage tanks & silos • Bridge girders • Structures • Refractory • Insulation • Water treatment



PRESSURE VESSEL



CHIMNEY



ECONOMISER



DEAERATOR



ID FAN

PLANT SAFETY

Fire Hydrant Systems

From pump house to the last hydrant

Design, supply and installation of complete fire water systems for industrial plants, delivered alongside our boiler and utility projects or as a standalone scope.



Hydrant networks

Ring mains, hydrant valves, hose reels and fire water piping laid across the plant.

Fire pump houses

Main, standby and jockey pump sets with suction, delivery and control arrangements.

Pump skids & manifolds

Factory-assembled skids and headers that shorten site work.

Foam systems

Foam fire-fighting for fuel and solvent storage areas.





PROJECTS & SERVICES

Turnkey Projects & Lifecycle Care

One scope, one team, from site to steam

Biomass power and cogeneration plants and complete boiler houses delivered as a single turnkey scope – fuel handling, boiler, emission control, piping, structure, erection and commissioning – with the same team supporting the plant afterwards.



Installation &
commissioning



Annual
maintenance
contracts



Retrofit & revamp



Plant & efficiency
audits



Spare parts



Operator training

WORKS & TESTING

- IBR-qualified welders
- In-house hydro & DP testing
- Drawing & design section
- Plate bending, press brake & plasma cutting
- Crane & erection equipment



ISO 9001:2015

Quality Management System certified for the manufacturing and supply of machined and fabricated equipments, structures and parts.

Certificate No.
26EQRR94

Valid until
27/09/2029

Assurance Quality Certification LLC - EGAC accredited - IAF member

WHERE OUR SYSTEMS RUN

Industries We Serve



Chemicals • Pharmaceuticals • Food processing • Breweries & distilleries • Rice mills • Agro processing • Textiles • Cement • Engineering & OEM • Power generation • Oil & gas • Paper & packaging • Rubber products • Metal & mining • Wood & plywood • Urban infrastructure • Utilities • New energy

TRUSTED BY

Our Valued Clients



Customers return to us plant after plant, project after project.



Also serving

Navin Fluorine Industries • M.P. Glychem • Premier Nutritions • Magadh Precision Equipments • Jewel Seamless • Bagree Alloys • Birani Ispat • Dhanlaxmi Soya • Asta Soya • Accord Cotton • Dhvani Terefabs • Kashyap Sweeteners • Sachin Chemicals • MSK Projects • Pentagon Labs • Syncom Formulations • Permal Wallance • M.P. Waste Management Project



One partner for the **whole boiler house**



CONTACT US

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