



**HEAVY
ENGINEERING &
TURNKEY
PROJECT
CONTRACTOR**

SCOPE OF WORK / SERVICE

Design & Engineering, Fabrication, Erection, Installation and commissioning of Process equipment, machineries, Industrial Steel Structures, Mechanical & Material Handling Equipment, Storage Tanks, Silos, Pipelines, Boilers, Heat Exchangers and Major Shutdown Maintenance & Repair Works.

The company is also involved in Ship building & Ship Repair work and Off-shore Services. HMEC also undertake High Pressure Jet Washing, Blast Cleaning & Painting of Steel surfaces according to relevant standard and company Procedure.



ABOUT HMEC

H M ENGINEERING AND CONTRACTING (HMEC) - is an established, highly diversified, multidisciplinary, Heavy Engineering & Turnkey Project Contractor serving various industrial sectors. Established in the year 2017, providing diversified products and services.

Since its inception HMEC has progressively expanded as major Mechanical Contractor in the region and successfully completed numerous large and prestigious projects within India as well as in abroad.

The company has capacity to deploy required adequate skilled / semiskilled manpower based on quantum of work and planned schedule. The management is committed to provide a safe & healthy working environment for all the employees. Dedicated departments look after the Quality, Health, Safety and Environmental requirements within the company.

Employing over 125+ personnel & building relationships on 'Integrity and Performance', the HMEC is recognized as a 'Reliable Partner' by both Public & Private Sectors throughout INDIA & Abroad over the last 5 years.

HMEC has Boat Building yard, on bank of Bhatey creek, which is just 2 KM from Ratnagiri City Centre.

HMEC has planned to build the State of Art Fabrication Facility in Mirjole M.I.D.C, Ratnagiri with covered workshop area of 1800 M2 having 2 workshops including a painting shop and an open area of 1500 M2.



HMEC Scope of Work/Service includes Design, Detailing & Preparation of Shop Drawings, Procurement of Materials, Fabrication, Blasting & Painting, delivery to Site, Installation and commissioning:

INDUSTRIAL SECTOR

- Process Equipment -Static (ASME)
- Boiler Pressure Parts (IBR)
- Shell & Tube type Heat Exchangers as per TEMA & ASME
- Storage Tanks (API) and Silos
- Industrial Steel Structure & Installation of PEB structure
- Various Machineries
- Process & Utility Piping and Cross-country Pipelines
- Material handling system/ equipment
- Furnace Casings, Ducts, FG stacks & Chimneys

SHIP BUILDING & REPAIRS

- ***Fabrication/installation (Hull):*** Manufacturing, prefabrication, assembly, straightening, grinding, cropping, cleaning and welding work on main deck, cargo/ballast tanks, confined spaces, hull spaces, cargo holds and upper & lower wing tanks etc.
- ***Fabrication/Installation of outfitting:*** Sea chests, Hull stub pipes & Penetrations, Propeller Nozzles/Korte Nozzles, Thruster ducts, Bilge kill, ladder & steps, platform, walkways, Nonstructural tanks, ventilations heads and goose necks, etc.
- ***Fabrication, Installation and testing of Piping systems:*** SW, FW, Dist. Water & Sanitary system, Main Steam System, Auxiliary steam system, Air piping, F.O., D.O. & L.O. piping, I.G.& Vapor system, Cargo, Ballast & stripping piping, Fire Water line, etc.
- ***Main Boilers, Auxiliary Water Tube Boilers & Heat Exchangers:*** Removal and refitting of coils / Tubes. Bending, Expansion and re-rolling of tubes, Welding of Tube-to-Tube sheet joint, Plugging of tubes. Repair & Replacement of Tubes & Headers, Repairs of water drum, shell, heads, baffle plates etc. for Super-heaters, De-superheaters, Economizers, Air Heaters, Condensers, Drain coolers, Feed heaters, FW coolers, Cargo coolers, Evaporators, etc. Fabrication and installation of Air and Gas ducting. Replacement of Expansion bellows, etc

TRADING DIVISION

- Our Trading Division, deals in Steel Material (CS, SS & Alloys) & Paints. HMEC is a sole distributor of ***"JOTUN PAINTS"*** for Ratnagiri & Sindhudurg District of Maharashtra



IRS approved yards on coast of Arabian Sea in Maharashtra's Konkan Region and capable of Building Deep sea Fishing Trawlers, Barges & Tug Boats.



STEEL TRADING

Structural Steel

S235JR, S275JR, S355J2+N, S420MC, S460MC, ASTM A36, SS400, A283 Gr C, DSQ Plates IS 2062 E250BR, E350C, E410, E450



CS Coils

Corten A & B, ASTM A588 Grade A & B, IRMS 41-97, A242 Type 1 & Type 2, S355J2W+N, S355J2WP+N, A606 Type 2 & 4

Carbon Steel plates

S235JR, S275JR, S355J2+N, S420MC, S460MC, ASTM A36, SS400, A283 Gr C, DSQ Plates IS 2062 E250BR, E350C, E410, E450



Stainless steel plates

S235JR, S275JR, S355J2+N, S420MC, S460MC, ASTM A36, SS400, A283 Gr C, DSQ Plates IS 2062 E250BR, E350C, E410, E450

Aluminum Alloys

S235JR, S275JR, S355J2+N, S420MC, S460MC, ASTM A36, SS400, A283 Gr C, DSQ Plates IS 2062 E250BR, E350C, E410, E450



Copper Alloys

S235JR, S275JR, S355J2+N, S420MC, S460MC, ASTM A36, SS400, A283 Gr C, DSQ Plates IS 2062 E250BR, E350C, E410, E450

Chequard Plates

S235JR, S275JR, S355J2+N, S420MC, S460MC, ASTM A36, SS400, A283 Gr C, DSQ Plates IS 2062 E250BR, E350C, E410, E450







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