



SANKARAN AMBOOTHIRI.M.V.

ENGINEERING DIRECTOR STATIC & FIRED EQUIPMENTS .

SKILLS

- ❖ Experience in Design, Detailed engineering and Procurement of all types of Stationary Equipment covering:-
- ❖ Pressure Vessels, Shell and Tube Heat Exchangers, Air Cooled Heat Exchangers, Plate type heat exchanger, Double pipe heat exchanger, Storage Tanks, Tall Columns, Reactors,
- ❖ Boilers, HRSGs, De-Aerator's, Fired Heaters, Flare System, Reformer, FRP Vessels, Finger type Slug Catchers, LNG Storages, Water bath heater, De-salter/ Dehydrator, Ejectors, Pig launcher/

AFFILIATIONS

- ASNT Level 2 NDT Certificate in RT, UT
- Ex -Member (Chartered Engineer) - Institution of Engineers (India)

HIGHLIGHTS OF EXPERIANCE

Versatile Design experience gained over a span of 38 years in Detailed engineering and Procurement of all types of Stationary Equipment covering in a wide range of Projects.

The highlights of the experience are:-

- ❖ Extensive experience in handling all types of static equipment including fired equipment like boilers, fired heaters, and flares for both offshore (upstream) and onshore (downstream) plants.
- ❖ Handled static equipment of packages like Gas Dehydration Units, Air Dryer package, Nitrogen generation package, chemical injection package, and water treatment units.
- ❖ Design and detailing of High pressure vessels as per Sec VIII Div 2, preparation of Users Design Specification, fatigue analysis.
- ❖ Material selection for Sour H₂S service, Amine service, low temperature service, hydrogen service, finalize Impact test and PWHT requirement.
- ❖ Modeling and analysis of pressure vessels and heat exchangers using COMPRESS, pvElite and Microprotol
- ❖ Design and engineering of tall columns with wind, seismic and vibration check
- ❖ Engineering of internals (sieve, valve, bubble cap trays, packaging, and distributors) of columns.
- ❖ Engineering of separator / demister internals.

EDUCATIONAL QUALIFICATION

- ❖ Passed B Sc (Engineering) Degree in Mechanical Engineering from University of Kerala, India in the year 1979 with First class.
- ❖ Passed Master of Technology in Mechanical Engineering Design from Cochin University of Science & Technology, India in the year 1993 with First Class (Honors).