



Design Engineer

AUTHORITY:

1. To apply and secure boiler design approval from 3rd inspecting party and JKPP.
2. To issue Fabrication drawings to Workshop/Contractors.
3. To issue plant layout and engineering drawing to Project Department.

RESPONSIBILITIES:

1. Carry out design task in accordance to design code (BS1113/ASME) and statutory regulation (FMA 1967).
2. Liaise with 3rd inspecting party, JKPP and internal customers.
3. Ensure accuracy of engineering design in term of drawing and calculation.
4. Assist in developing new product.
5. Provide technical support and advice to Production & Project Department.
6. Responsible to work out job costing, optimizing the design, planning and scheduling of project implementation.
7. Preparation of equipment specification for the purchase of these items by Production and Procurement.

EXPERIENCE / SKILLS REQUIRED:

1. Degree in Mechanical/Structural/Chemical Engineering recognised by Board of Engineers (BEM).
2. Fresh Graduate / 1 year related working experience.
3. Engineering knowledge in heat transfer, combustion, strength of material and fluid mechanic.
4. Knowledge in engineering drawing and able to operate CAD software (AutoCAD 2D/Solid Work 3D).

SPECIAL OR UNIQUE ASPECTS:

1. Knowledge in engineering analysis software for steelwork, fluid dynamics. eg Staad. Pro, Prokons Ansys Fluent. ect.