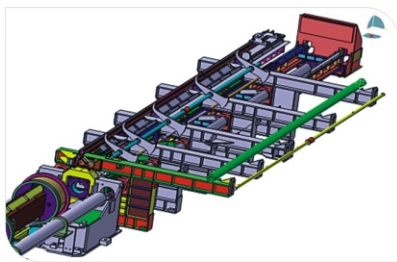


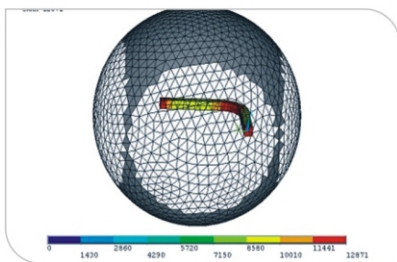


Energy



Power Generation

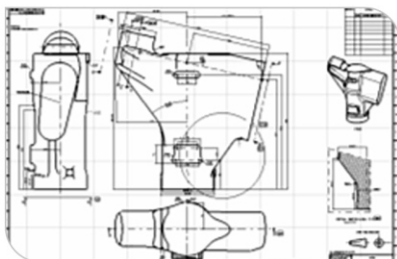
At TAAL Technologies we provide contemporary solutions to support power generation equipments and plant level engineering. Being a part of ISMT group of companies, TAAL Technologies leverages on the strong in-house domain expertise of TPPL (Tridem Port & Power Ltd), the flagship company of ISMT group in power solutions.



TAAL Technologies' energy discipline combines solutions with innovation, driven by the industry experts to meet unique demands of small, medium and large companies in the Energy Industry.

Services:

- Equipment Detail Design (Turbines, Boilers, Compressor, HRSG etc)
- Stress/Thermal/Fatigue Analysis of Energy Equipments
- BOP Support and Auxiliary System Design
- Packaging
- Plant Design and Engineering (Mechanical, Electrical, C&I, Piping)
- Legacy Conversion



Oil and Gas

TAAL Tech's expertise in Energy Equipments encompasses the Upstream, Midstream and Downstream segments in the oil and gas industry. Expertise and multi skills of the trained personnel in the energy practice enable quality service delivery meeting stringent customer requirements.

Services:

- Equipment Design (Drilling Rigs, Field Equipment, Plant Equipments)
- Skid Layout and Study
- Piping and Layout Design
- Mechanical Structures Design
- Multi Discipline Detail Engineering
- As built Documentation
- Data Acquisition and Analysis
- Equipment Sizing, Schedules, BOMs
- Design Automation
- Control & Instrumentation

Tools Experience: CATIA V4/V5, UG, Pro-E, Solid Works, I-DEAS, Inventor, AutoCAD, MSC NASTRAN / PATRAN, ANSYS, Hypermesh, ABAQUS, PDS/PDMS, Fluent and Gambit.