

## Engineering Services

Having successfully completed more than 1250 projects, VME has provided its products and services to customers around the world. Our engineers and technical staff have worked on projects ranging from simple replacement parts to supplying complete FPSO topsides modules. VME has the experience and knowledge to provide full process support and equipment supply for almost any project.

Our team members are experienced in all aspects of project execution including conceptual design, cost estimation, process engineering, mechanical engineering, design, procurement, fabrication, construction and project management.

### OUR TEAM INCLUDES

- \* Degreed and registered professional engineers
- \* ASME certified welders
- \* Experienced project managers and designers
- \* Quality control personnel

### IF YOU NEED DESIGN OR ENGINEERING EXPERTISE, VME CAN PROVIDE YOU WITH THE FOLLOWING SERVICES

- \* Front-end engineering and design
- \* Feasibility studies
- \* Project engineering and project management
- \* Process engineering
- \* Mechanical engineering and design
- \* Trouble-shooting

## Process Consulting CFD Analysis

Computational Fluid Dynamic (CFD) is a sophisticated computational-based analysis technology that has the ability to predict the fluid flow behavior and study the dynamics of the flow.

### CFD PROVIDES THE POWER TO SIMULATE

- \* Flow of gases and liquids
- \* Multiphase physics
- \* Fluid-structure interaction