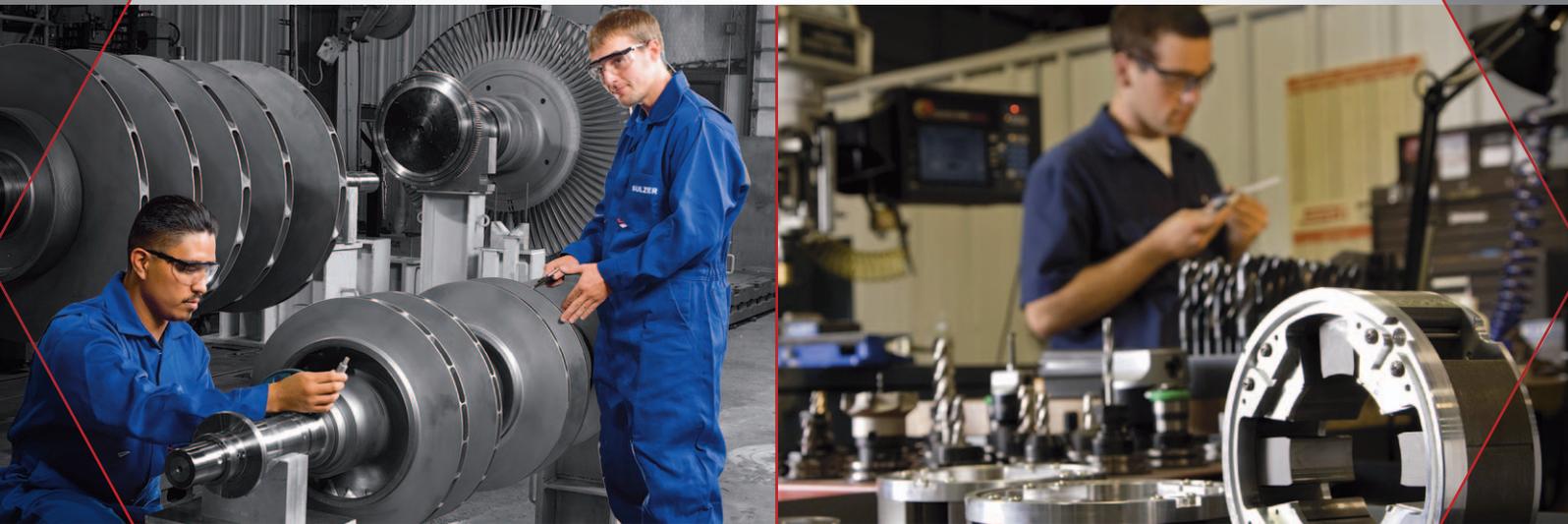


COMPRESSOR REVIEW



HYDROCARBON ENGINEERING
PRESENTS AN OVERVIEW
OF THE MOST ADVANCED
TURBOMACHINERY AND
COMPRESSOR TECHNOLOGIES
CURRENTLY AVAILABLE TO THE
DOWNSTREAM HYDROCARBON
PROCESSING INDUSTRY.

COMPRESSOR REVIEW

VALERUS

Valerus has grown to become an international oil and gas service provider with extensive design, fabrication, installation and operations experience, and worldwide sales and service locations.

A key player in the collection and distribution of natural gas, Valerus delivers quality reciprocating compressor packages, production equipment, gas processing solutions, liquid separation systems and professional field services. Other services include wellhead compression, pipeline booster stations, injection and gas lift.

Valerus addresses the challenges of gas producers with compression solutions suitable for almost any onshore or offshore application. Valerus designs, deploys and maintains equipment ranging from 25 hp compressor packages to 50 000 hp compression facilities and beyond. Though a relatively youthful company, Valerus delivers highly experienced experts in compression, production equipment, processing and treating.

Valerus engineered a complete LPG facility in Surabaya, Indonesia (Figure 1), including two 3616 compressor packages along with 100 million ft³/d turbo expander and fractionation systems.

'Plug 'n' play' design solutions

The Valerus 'plug and play' design approach is based on speed to market without sacrificing quality control. Everything is built and assembled in a controlled environment, with compression equipment manufactured in an ISO 9001 certified facility. Valerus piping skids only require reassembly in the field, minimising construction time. Additional components can 'plug' in, making for the fastest possible time to market.

Fuel gas booster systems

Clean, efficient generation solutions drive the global demand for gas fired generation and fuel gas booster stations. Valerus' worldwide experience provides for effective, comprehensive and turnkey solutions for these systems.

Valerus designed and installed on site and on budget a completely integrated facility in remote Tapinhoa, Brazil, that included three 3616 compressor packages as well as civil, mechanical and electrical engineering.

Fleet of rental compressors

When buying compression equipment is not an option, Valerus provides a fleet of rental compressors and expertise to meet gas handling needs. It is a young, flexible fleet, with much of Valerus' large horsepower equipment capable of operating at multiple stages with minimal customisation. 



This cryogenic plant in Surabaya, Indonesia, was designed by Valerus to withstand seismic activity while extracting hydrocarbon liquids.