

REACTOR PRESSURE VESSEL

Manufacturing of Reactor Pressure Vessels for Nuclear Power Plants

Framatome Saint-Marcel plant is the manufacturer of reference for supply of the Primary Loop Components for Nuclear Power Plants

Challenge

Reactor Pressure Vessel including its Cover Head is a High Integrity and Nuclear Safety related Component which meet the requirements of applicable construction codes and regulations. The conformity is demonstrated at each step of manufacturing.

Solution

Manufacturing in safety and quality of the product starting from design specifications and until the delivery at the final destinations all over the world.

Competitive solution in quality thanks to:

- Industrial capacity of workshops
- ISO and ASME certified Quality Assurance System
- Manufacturing Engineering
- Efficient Supply Chain with a large panel of qualified sub-contractors and suppliers
- Internal Inspection Body for surveillance of sub-contractors and suppliers
- In-house production of forged parts
- Expertise in key competences and qualified staff
- Certified ISO 17025 Laboratory
- Expertise in worldwide shipment

Customer benefits

- Safety and Quality Conformity
- Trusted supplier with a proven experience

Your performance
is our everyday **commitment**



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Technical information

Reactor Pressure Vessels for a wide range of Nuclear Power Plants from 900 MWe to 1650 MWe

Height 12 – 13 m
Diameter 4 – 5,5 m
Weight 310 – 530 t

Pressure 350 Bar
Temperature 150 °C

Construction codes: RCC, ASME
Regulations: ESPN, YVL

Key figures

45 years experience in manufacturing of heavy components for nuclear industry

76 Reactor Pressure Vessels Manufactured and Delivered by Saint-Marcel Plant since 1975

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