

## STEAM GENERATOR

### Manufacturing of Steam Generators 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

Steam Generator 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 Steam Generators for New Builds and Replacement** 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

Steam Generators for a wide range of Nuclear Power Plants from 900 MWe to 1650 MWe

Height 20 – 25 m  
Diameter 4 – 6 m  
Weight 300 – 525 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

**> 330** Steam Generators Manufactured and Delivered to Customers by Saint-Marcel Plant since 1975

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