

Radiographic inspection

For large and heavy parts

Framatome Expertise for best in-class X-Ray inspections

Challenge

Control large (up to 20 meters) and heavy (up to 600 T) parts using X-ray inspection, while respecting safety processes, quality and product compliance to building codes and regulations.

Solution

Framatome's Saint Marcel facility houses has a large X-ray system and a dedicated skilled team for components control.

Competitive solution in quality thanks to :

- Versatile controls applicable to weld, castings and forgings.
- Full X-Ray expertise in procedure setup and realization, interpretation of results
- Qualified and certified experts to: CAMARI options X, Gamma, linear accelerator, COFREND, CIFM Level 2 and 3 Certified Controllers, ASME

In addition, Framatome St Marcel is :

- A COFREND Examination Centre for Staff Certification
- Able to Combine X-Ray with other types of non-destructive testing.

This X-Ray system associated with our know-how is applicable to a wide range of industries - Oil & Gas, Energy, Aerospace, Chemistry, Pharmaceuticals, Transportation, Special Tooling, Ship Industry, Navy and Defense.

Customer benefits

- Complete X-Ray inspection service, from procedure definition to final control results and interpretation
- Safety and Quality Conformity
- Trusted supplier with a proven experience in nuclear activities
- Large and versatile system of X-ray controls
- Possible rental of the radio enclosure

**Your performance
is our everyday commitment**



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Technical information

X-Ray characteristics:

- Linear accelerator 6 to 9 MEV
- Cobalt and Iridium sources
- Generator X

Enclosure dimension :

- Length : 24,9 m
- Width : 10,4 m
- Height : 10,0 m
- Thicknesses : 300 mm
- Part weight : 600 T

References

- Nuclear construction codes: RCC-M, ASME, ESPN
- International Regulations

Key figures

45 years of expertise in radiographic examinations

Opening : **3x8** and **24/7**

3 COFREND RT Level 3

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