

Hot workshop at Sully-sur-Loire

CEDOS Facility

The hot storage workshop at Sully-sur-Loire and its pool, unique in Europe, provide safe and flexible solutions for the qualification and maintenance of contaminated tooling and training for personnel working in controlled area. The CEDOS is authorised to manage Alpha contamination.

Challenge

Contaminated tools used in nuclear power plants must be stored, maintained and decontaminated in classified installations, in compliance with the regulations, while enabling optimal availability.

Also, maintenance of skills, tests and the requalification of certain contaminated tools or personnel require operations carried out underwater under real conditions.

These operations must be carried out in an environment with the highest level of safety, performance and expertise.

Solution

Framatome's CEDOS facility performs all types of tooling maintenance in controlled areas and makes equipped areas available to nuclear power plant operators for the performance of their own operations.

The site is equipped with a pool with heavy lifting equipment for personnel training and the performance of tool requalification tests under real conditions.

CEDOS's team is authorised to support nuclear power plant operators in managing alpha contaminated tools and their decontamination on site.

The site has all regulatory infrastructures to ensure the organisation of transport and storage of containers of class 7.

The highly qualified teams at Framatome's CEDOS are the reference in France for the management of all contaminated tool challenges.

Your performance
is our everyday **commitment**

Customer benefits

- A one-stop-workshop to maintain contaminated tools in operational condition and enabling all regulatory checks to be carried out
- A single site enabling the qualification/requalification of personnel on their tools under real conditions
- A central site in France, enabling the management of multi-modal transport, providing savings and efficiency
- Operational requirements can be handled 24 hours a day and 7 days a week
- A unique ability to manage Alpha contamination, from transport to decontamination



Hot pool in the Framatome controlled area ©

Technical information

Equipment for maintenance, machining and lifting in the Framatome controlled area

- Overhead cranes that can handle between 2 and 25 T
- Forklift trucks that can handle between 1 and 16 T
- Lathes, milling, drilling
- IT resources, office software and classroom-based training area.

Pool

- 6 m x 7 m x 6 m
- Two catwalks and adjacent maintenance areas
- Lifting capacity of 20 T with hook clearance of 13.68 m
- Maximum acceptable load of 5 T/m² at the bottom of the pool

Radiological protection

- A team of authorised experts ensuring compliance with regulations
- A whole-body gamma measurement unit
- Whole-body C1 controllers
- C2 controllers on exit from the controlled area

In situ laboratory

- Spectrometry
- Background noise passer ...



Maintenance workshop in the Framatome controlled area ©



Container storage area in the Framatome controlled area ©

Key figures

800 m² of maintenance workshops in the controlled area

7000 m³ of storage capacity

+ 500 transport operations organised per year

18557 accesses to the controlled area in 2018



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