

SODIUM TECHNOLOGY AND LOOP OPERATION



Course overview

To acquire the knowledge enabling to operate a facility or circuits containing sodium

Who is the course for?

Beginner English speaking engineers who are lead to work on the operation of sodium circuits or facilities.

Entry requirements

No prerequisites required.

Competences covered

- Identify the sodium characteristics
- Describe and use the specific instrumentation for sodium
- Identify the steps of a sodium purification campaign
- Describe the features of the various components of a sodium circuit and the main phases for commissioning and operating a sodium circuit
- Follow the guidelines for interventions in a sodium facility

Duration 32h, 5 days

Location Cadarache : Sodium School

Groups limited to 12 trainees

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Course code 65B



Practical exercise: cutting and cleaning of a sodium pipe
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Course content

- Sodium facilities: functional analysis approach; design rules for main loop and utilities; technology
- Sodium quality: instrumentation; pollution sources; periodic and online measurements; sodium cleaning
- Sodium circuit operation
- Rules & guidelines for Sodium facilities intervention



PRACTICAL WORK



SITE VISITS



PRACTICE FOR REAL LIFE SCENARIOS

Why take this course?

Collaboration with the French Sodium School.

Practical exercises on: start-up operations, filling operations, facilities interventions, sodium fire.

Visits of sodium test loops.

Please contact us for more information on this course.

