



Reference : 11B

Duration : 20hours(3d)

Educational methods and tools :



Characteristics of NaK and its associated risks

IN SHORT

This training aims to prepare participants to work on a NaK installation for operational or remediation reasons while controlling the risks associated with the use of NaK.

WHO IS THIS TRAINING FOR ?

Any employee concerned by the use of NaK in various activities, nuclear or otherwise.

TARGETED SKILLS

- List the characteristics of NaK
- Describe the standard procedure of the NaK sampling
- Describe the washing and treatment processes of NaK
- State the risks involved in the use of NaK
- State the prevention means of these risks
- List the safety rules to be observed when working in a NaK environment
- List the storage conditions for NaK waste
- Ensure one's own protection in the case of a NaK fire

CONTENT

- Sodium and NaK physical and chemical properties
- Sodium risk control
- Safety response in NaK environment
- NaK sampling: Material choice constraint
- Practical work: endoscopy, NaK sampling, tools cleaning
- NaK cleaning and conversion
- Presentation of sodium waste and NaK treatment process (visit)
- Process safety
- NaK interaction issues