

Training Course – Insulation

Duration: 6 weeks

1. Provides an understanding and awareness of the variety of tasks and hazards found while fitting insulation systems on oil and gas installation.
2. Explanations and demonstrations which will identify what they are expected to know and do in their role as a fire proofer.
3. Practical exercises which will allow delegates to demonstrate their skills, knowledge and understanding of the insulator role.
4. Thermal insulation course will make you learn every aspect of thermal insulation to carry out the insulation work either, as an applicator, foreman, supervisor, engineer, or specifier in the oil refinery, chemical, petrochemical, or industrial process plant.

Action Plan – Insulation

- Thermal insulation introduction.
- Mechanical systems that require insulation
- Reasons why insulation is used in the industry
- Insulation material types
- Insulation material categories
- Shapes and physical forms
- Accessories materials and their limitations
- Purpose of protective jacketing
- Metallic and non-metallic jacketing
- Vapor barrier and their types
- Use and purpose of vapor stop and joint sealant
- Insulation systems and coding used for their identification
- Differences between cold and cryogenic systems
- Expansion and contraction joints
- Necessary application tools and equipment