

**Learning Topic: Technical (Plant Processes & Operations).**

**Course Name: Fired Equipment**

**Reference Code: PLOP 105**

### Course Overview:

This course is one of the basic training courses for any operation staff member.

It is a fact that fired equipment has the highest record of accidents of all equipment used in the process industry. More lives have been lost operating these equipment than operating any other processing equipment. Not only have numerous lives been lost, but the loss of property and time is staggering. These facts indicate that detailed attention must be taken, and great care used when operating fired equipment.

Training in this is important because fired equipment can operate safely and efficiently only within a designated range. Operation outside of this range could cause an explosion, furnace damage, and/or personnel injury. In addition, fired equipment must be managed efficiently to minimize operating costs because they run continuously and consume large amounts of energy. This basic course addresses about fired equipment and their major components, and how they are used. In addition, it also covers how to operate and maintain fired equipment.

### Course Objectives:

**Applying the concepts covered in this training course, delegates will be able to:**

1. Describe fired equipment.
2. Describe the basic components of fired equipment.
3. Describe the how fired equipment work.
4. Describe how to operate heat fired equipment.
5. Describe how to maintain fired equipment.

### Training Methodologies:

The training methodology is interactive and is suitable for all employees involved in maintenance and operations management enhancing the following:

- Pre-test and Post-test
- Variety of Learning Methods & examples
- Presentation
- Lectures
- Group Work

#### United Arab Emirates

Emirates Towers, Level 41 Sheikh Zayed Road  
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## Who should attend?

Operation engineers

Operations technicians

Operators

Maintenance technicians

Any interested plant personnel in stores, warehouse, safety, procurement, logistics...etc.

## Training Outline:

### Day 1:

Course Introduction & Lesson 1: About Fired Equipment

### Day 2:

Lesson 2: Major Components of Fired Equipment

### Day 3:

Lesson 3: How Fired Equipment Work

### Day 4:

Lesson 4: Operating Fired Equipment

### Day 5:

Lesson 5: Maintaining Fired Equipment & Course Conclusion

**Duration: 5 Days**

**Venue:**

**Numbers of hours: 30 Hours**

**Time: 08:00 AM -02:00 PM**

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