

BOILER SAFETY

Steam boiler is widely used in the garment and footwear factories in Cambodia to serve ironing, drying, and steaming functions. Boilers generate high risks in the factories, especially boiler explosion hazard. Recently in Cambodia, there were some cases of boiler explosions that led to fatalities. This training will guide the factories through essential precautions to mitigate the risks of fire and explosion of steam boilers.



Course Content

- ◆ Boiler definition and types
- ◆ Boiler hazards
- ◆ Principles of steam generation
- ◆ Pressure relief devices Social Compliance Assessment Checklist
- ◆ Boiler feed-water
- ◆ Boiler required thickness and corrosion rate
- ◆ Boiler Safety Checklist

Learning Objectives

- ◆ Understanding the definition and types of boilers
- ◆ Exploring boiler hazards
- ◆ Understanding the principles of steam generation
- ◆ Getting to know the pressure relief devices
- ◆ Understanding the boiler feed-water
- ◆ Learning to calculate requirements of boiler thickness and corrosion rate
- ◆ Learning and applying the boiler safety checklist

Benefits

- ◆ Enhanced conceptual knowledge of boiler installation, operation, and maintenance
- ◆ Improved knowledge of legal requirements related with boilers
- ◆ Reduced risks of boiler explosion and fire in the factories
- ◆ Decreased number of accidents and injuries in the factories related with boiler operation and maintenance
- ◆ Improved and safer working conditions in the factories
- ◆ Increased prevention of hazards to prevent accidents and to save workers' lives, factories properties and assets
- ◆ Improved factory reputation
- ◆ Ensured business continuity



Participants

(managers, supervisors, compliance officer, Admin/HR officers, boiler operators, OSH officers, and workers)



Class Size

25 per class



Venue

BFC Office or
Factory



Duration

1 day (08.30 - 16.30)

Registration

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