



E-Learning Module on Indian Boiler Regulations- Safety & Inspection

eLearning Course Title: Indian Boiler Regulations-Safety & Inspection

Registration Fee (including GST):- Rs. 1416/-

About eLearning Program (Brief One para): - _ Boilers are used in power plants in order to produce high pressured steam, so that the plant can generate electricity. The boiler takes in energy from some form of fuel such as coal, natural gas, or nuclear fuel to heat water into steam. The boiler/pressure vessel explosions cause massive devastations regardless of their size or scope. The boiler explosions have significant consequences in developing nations as the explosions not only destroy property and human lives but also ruin livelihoods, and often the sole bread earners of poor families. A generation's dream is lost through the tragedies. Most tragedies could have been easily prevented if standards and guidelines were properly developed, understood, practiced and enforced.

eLearning Course Coverage (Specify Module details) :- _ Boilers/pressure vessels are widely used in industries (power plants, chemical and fertilizer industries, paper mills, sugar mills, cotton mills, jute mills, rice mills, pharmaceuticals, textiles and garments industries).

There appears to be a knowledge gap among industrial managers about boiler regulations and safety in the Indian subcontinent. This module covers Indian Boiler Regulations, Boiler Safety and Boiler Inspection which will help to understand all aspects related to Boiler Operations Safety operating procedures that is SOP, awareness and proper training play a major role as many accidents have been reported in the past due to exploding of boilers, wrongly installed boilers, inadequately designed boilers as well as those which were not correctly operated.

Regular boiler inspections are important for optimal function and energy efficiency. Boilers are high energy users — typically second only to HVAC systems in annual energy use. Inefficient operation means wasted energy and increased operating costs. Regular inspections can help extend the life of the pressure vessel. This is especially crucial when you consider that boilers are a major investment

Register to learn (Key Learnings' in bullet points):_

1. General Overview about Indian Boiler Regulations: - The Indian Boiler Regulations (IBR) cover material and equipment used to make steam boilers in India which most steam boilers and associated components built for India must comply.
2. Boiler Safety: - With so many organizations and people depending on boilers, it's imperative that employees invest in boiler safety training. Neglecting boiler maintenance can have dire consequences, including lost revenue, injury, and, worst of all, death.
3. Boiler Inspection: - To know standards for product design and construction as well as inspection and testing methods. The IBR requires that an inspection company approved by the Central Boiler Board (CBB) must certify all pressure equipment using steam. Only approved components and material may be imported into India.

Thanks & Regards

NPC Team

Course conducted by Group/ Regional Directorate Name:-RD-Kanpur

Name & Designation of Course Coordinator: Rajeev Gupta, Deputy Director

Course Coordinator Contact Details: Mobile - 9408876163