Mindluster Platform

About the course Piping inspection fundamentals and QA QC

Piping inspection fundamentals course, in this course designed to provide a thorough understanding of the essential techniques and standards used in the inspection of piping systems. Starting with the basics, we will cover the critical aspects of piping inspection, including visual inspection methods, common defects, and the use of inspection tools. The course will delve into various non-destructive testing (NDT) methods such as radiographic, ultrasonic, and magnetic particle testing, exploring their applications and benefits. Participants will learn about welding inspection, pressure testing, and leak detection techniques to ensure the integrity and safety of piping systems. We will also discuss the importance of documentation, reporting, and adherence to industry standards and codes. Practical demonstrations and case studies will provide real-world insights into effective inspection practices. By the end of the course, participants will have a solid foundation in piping inspection, enabling them to identify and address potential issues proactively, ensuring the reliability and longevity of piping infrastructure. This course is ideal for beginners and professionals seeking to enhance their knowledge and skills in piping inspection and quality assurance.

Engineering Category's Courses

Course Lesson(9)

Lesson 1 : **What is Inward Material Inspection How to Prepare IMIR Report**

Lesson 2 : **Importance of Material Traceability During the Fabrication**

Lesson 3 : **What is Order of Precedence in Technical Document**

Lesson 4 : **Why Material Traceability is Important in Fabrication of Piping and Equipment**

Lesson 5 : **Learn about 4 Types of Inspection Certificates as per EN10204 Type 2 1 2 2 3 1 and 3 2**

Lesson 6 : **How to Review Material Test Certificates During Material Inspection With Example**

Lesson 7 : **What is the Difference Between 3 1 and 3 2 MTC Material Test Report as per EN10204**

Lesson 8 : **What is the Difference Between 2 2 and 3 1 MTC Material Test Record**

Lesson 9 : **What is the Difference Between Flange Class and Flange Schedule**

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