Mindluster Platform

About the course Lightning arrester working techniques

Lightning arrester working course, in this course we will learn about the working principles of lightning arresters, devices designed to protect electrical systems and structures from the damaging effects of lightning strikes. The course will begin with an introduction to the importance of lightning protection and the fundamental components of a lightning arrester, including its capture, conduction, and grounding mechanisms. We will delve into the detailed operation of lightning arresters, explaining how they intercept high-voltage lightning strikes using a conductive rod or point, safely channel the electric current through a low-resistance path, and discharge it into the ground. This process effectively prevents the high-voltage surge from causing damage to buildings, electrical equipment, and infrastructure. Participants will learn about the different types of lightning arresters, such as rod gap arresters, valve-type arresters, and metal oxide varistor (MOV) arresters, and their specific applications. The course will also cover installation techniques, proper grounding methods, and maintenance practices to ensure optimal performance.

Engineering Category's Courses

Course Lesson(3)

Lesson 1 : **Surge Arrester Metal oxide varistor working animation in Tamil**

Lesson 2 : **Lightning arrester working animation in Tamil**

Lesson 3 : **Lightning Rod working animation in Tamil**

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