



Training Course Specification

Course title	Impressed Voltage Drain Earthing (IVDE)
Version No	01
Course duration	One-Day
Maximum delegate Nos	9
Who should attend	Contractors' personnel who are required to control the hazards from Impressed Voltages on HV equipment which is under construction or demolition and not subject to the National Grid Safety Rules. This course is designed to meet the requirement of the draft document "The control of Impressed Voltage on HV Plant Not subject to NG safety rules. Issue 1 March 2011" This document has been produced by NG and contracting companies to form the basis of contracting company safe systems of work
Pre - requisites	<p>For Earthing Control Person (ECP): Must have five year's continuous experience working in a HV substation equipment environment undertaking a mechanical and electrical role.</p> <p>Hold a valid National Grid Competent Person authorisation or TP137 M&E Principal Contractor's Representative authorisation.</p> <p>Achieved a minimum of IOSH Managing Safely or TP137 M&E Principal Contractor's Representative authorisation.</p> <p>For Earthing Application Person (EAP): Must have three year's continuous experience working in a HV substation equipment environment undertaking a mechanical and electrical role.</p> <p>Hold a valid National Grid Competent Person authorisation.</p>
Outcomes	<p>On successful completion of the course trainees will be able to:</p> <p>For Earthing Control Person (ECP) identify the required positions for the application of Impressed Voltage Drain Earths prepare, Issue, Transfer and Cancel Impressed Voltage Drain Earth Schedules enact the role of an Earthing Application Person if necessary</p> <p>For Earthing Application Person (EAP) inspect, identify and register Impressed Voltage Drain Earths inspect Earth Application Devices receive, transfer and clear Impressed Voltage Drain Earth Schedules receive and take into safe custody Impressed Voltage Drain Earths and Earth Application Devices</p>



	carry out a personal Risk Assessment for the application of Impressed Voltage Drain Earths
Course content	<p>Procedure - The Control of Impressed Voltages on HV Plant not subject to the National Grid Safety Rules</p> <p>Purpose and Scope</p> <p>Definitions</p> <p>What is Impressed Voltage?</p> <p>Roles and Responsibilities</p> <p>Training Requirements</p> <p>Impressed Voltage Drain Earth Schedule</p> <p>Application of Impressed Voltage Drain Earths</p> <p>Practical Application and Removal of Impressed Voltage Drain Earths</p>
Assessments	<p>Successfully complete the Earthing Application Person multi-choice written assessment</p> <p style="text-align: center;">or</p> <p>Successfully complete the Earthing Control Person multi-choice written assessment.</p> <p>Successfully demonstrate how to safely apply and remove impressed voltage drain earths.</p>