



## Training Course Specification

<b>Course title</b>	Engineering Overview for Substations Basic introduction
<b>Version No</b>	1
<b>Course duration</b>	1 Day
<b>Maximum delegate Nos</b>	10
<b>Who should attend</b>	Delegates requiring a basic introduction to how Electricity is made, what is a substation and how is it operated.
<b>Pre - requisites</b>	none
<b>Outcomes</b>	<p><b>On successful completion of the course trainees will be able to:</b></p> <ul style="list-style-type: none"> <li>Describe generation of Electricity</li> <li>List components of a substation/OHL</li> <li>Identify equipment in National Grid substations</li> <li>Describe the operation of a typical coal fired power station</li> <li>Understand substation safety rules and how they are applied in the workplace</li> </ul>
<b>Course content</b>	<ul style="list-style-type: none"> <li>Basic Electrical Theory</li> <li>Components of a Substation/OHL</li> <li>Operation of the National Grid System</li> <li>Electricity generation, transmission and distribution</li> <li>Electricity Transmission equipment</li> <li>Safety Rules</li> </ul>
<b>Assessments</b>	No