

Course DCCR (I) - DC Conductor Rails (DCCR) Initial

Course Overview

Before undergoing this training a person must have successfully completed and been awarded the Personal Track Safety (PTS) course.

Following successful completion of the course, Seaton Rail will register candidates with Sentinel for the issue of the DCCR certification on their sentinel profile. Re-certification is required every two years.

Introduction

To provide candidates with the skills and underpinning knowledge to enable them to undertake work near or adjacent to DC conductor rails; it is designed to provide the delegates with the skills, knowledge, and behaviours required to work safely near or adjacent to DC conductor rails.

Topics

- Welcome & Introduction
- Course Arrangements, Aim, and Objectives
- Electrical Power transmission
- DC Conductor Rail Power Distribution
- Electrical Control Rooms
- DC Conductor Rail and Components
- Dangers
- Crossing the Line
- Application of Equipment
- Transiting Tools and Equipment
- Working in DC Isolations
- Tools and Equipment
- Incidents
- Worksafe Procedure
- Incident Response
- Applying a TCOC in DC Areas
- Practical Assessment
- Theory Assessment

Course Benefits

Objectives: At the end of the training candidates will be able to:

- Describe the principal of the DC electrified system
- Identify the main components if the DC conductor rail systems
- Identify hazards and risks associated with being near or adjacent to the DC conductor rail
- Describe how to cross the DC conductor rail safely
- Describe how to transit tools and equipment safely across the CD conductor rail
- Describe defects that would render insulated tools and equipment unfit for purpose
- Identify hazards associated with working within DC Isolations
- Describe the work safe and Emergency response procedures
- Demonstrate how to inspect insulated tools before use
- Demonstrate the correct application and removal of conductor rail shields
- Identify defective tools and shields
- Identify the three risk control areas as stated in NR/L3/MTC/EP0152

Prerequisites

Before undergoing this training a person must have successfully completed and been awarded the Personal Track Safety (PTS) course.

Teaching Method

This is a Classroom based course, delivered by an approved Track Safety Trainer. At the end of this course is a final assessment which must be completed to prove the candidate's knowledge. Upon Completion Sentinel will be notified Accordingly and the DCCR Competence will appear on the Candidates Sentinel Profile lasting two years.