

Machine Controller - Material Handler

Course Aims

The aim of this course is to provide delegates with the skills and underpinning knowledge required to undertake Machine Controller Material Handler duties.

Primary Objectives

At the end of the training the delegate will be able to:

- Describe how the Material Handler is designed to function under normal operating conditions
- What equipment calibration certificates and checks are required to comply with the relevant rules and regulations
- How each of the items listed below will affect the protection arrangement, the way the work is completed and how to confirm that the machine is suitable:
 - Lines that remain open to traffic
 - Signal structures and equipment
 - Gradient
 - Cant
 - Bridges
 - Platforms
 - Overhead line & power lines
 - Third & fourth rail electrified lines
 - Tunnels
 - Level crossings
- What preparatory checks need to be completed on the machine including:
 - Pre-start checks/maintenance are complete/documented
 - Machine Controller checklist is completed
 - Brakes are operational and fit for purpose
 - Emergency protection equipment is available
- Briefly describe the main functions of all relevant controls available to the Material Handler Driver/Operator, especially those which may also be used by the Machine Controller in an emergency
- Avoid the Material Handler being placed in an un-braked condition
- Demonstrate their ability to read a work plan and communicate its content effectively
- Control the movement of the Material Handler taking into account:
 - Status of the infrastructure – condition of the track, position and type of points, obstructions caused by infrastructure equipment/structures and/or other work, how to establish the extent of the movement
 - Where the movements are – towing, propelling, what information needs to be given to the Driver/Operator and how to confirm the Driver/Operator understands the extent of the movement
 - Whilst authorising a movement of the Material Handler the delegate should be able to explain how they would take account of – worksites and people working in the immediate area, other machines working adjacent to the machine being operated, obstruction caused by infrastructure/structures and/or other work, level crossings, other lines open to traffic, passengers on platforms

Duration

Initial - 2 Days, 4 delegates max

Re-cert – Assessment

Pre-Requisites

Delegates

- Must hold current and valid Machine Controller OTP Core Competence

Post-Training Requirements

Upon successful completion of the course, the delegate shall be awarded full competence followed by a period of workplace support.

Primary sponsors shall make suitable arrangements to provide additional workplace support in line with their own Competence Management System until such a time the primary sponsor identifies that it is no longer a requirement. Periods of workplace support should be recorded, documented and retained for audit purposes.

Should you have any questions/enquiries regarding this course, please fill out the form at the bottom of the Training page on the [Stobart Rail & Civils website](#) and will we endeavour to respond to you as soon as we can.