

## Overview

This standard identifies the competences you need to reinstate the work area after installing, maintaining, rectifying or testing signalling equipment and systems. It includes the safe storage of reusable materials and equipment. The signalling equipment in this standard can be for over ground or underground rail transportation systems and can be applicable for the new European Train Control System (ETCS).

You will ensure that the work area is left in a condition that meets your organisations procedures. This will include ensuring that any waste material, plant, tools and test equipment that cannot be removed is marked for later collection and secured where it will not interfere with the safe operation of the railway.

Your responsibilities will require you to comply with organisational policy and procedures for the activities undertaken, and to report any problems with reinstating the work area procedure that you cannot personally resolve, or are outside your permitted authority, to the relevant people. You will be expected to work to instructions, alone or in conjunction with others, taking full responsibility for your own actions, and for the quality and accuracy of the work that you carry out.

Your underpinning knowledge will be sufficient to provide a sound understanding of your work, and will provide an informed approach to applying procedures. You will understand the safe storage requirements for the equipment, reusable/waste materials, and will know about the procedures and potential problems, in adequate depth to provide a sound basis for carrying out the activities safely and correctly.

You will understand the safety precautions to be observed when handling the equipment and materials. You will be required to demonstrate safe working practices throughout, and will understand the responsibility you owe to yourself and others in the workplace/area.

Safety is a key theme throughout this standard and you will be able to identify all the necessary safety requirements and take the relevant action to ensure the safety of yourself, others and railway operations.

## Reinstate the work area after signal engineering activities

**Performance criteria**

*You must be able to:*

1. work safely at all times, complying with your organisation's procedures
2. withdraw all possession and protection measures in line with your organisation's procedures
3. confirm the work area is secured on completion of the work
4. restore the work areas to a safe condition in accordance with agreed requirements and schedules
5. separate equipment, components, and materials for re-use from waste items
6. store reusable materials and equipment in an appropriate location
7. identify, mark and secure any waste items that cannot be removed immediately in such a way that the safe operation of the railway is maintained
8. check that all plant, tools, and test equipment that cannot be removed are secured and stored where they do not interfere with the safe operation of the railway
9. dispose of waste materials in line with your organisation's procedures
10. deal promptly and effectively with problems within your control and report those that cannot be resolved

## Reinstate the work area after signal engineering activities

## Knowledge and understanding

*You need to know and understand:*

1. the relevant health and safety legislation, regulations and safe working practices and procedures as appropriate to the activity such as the Safe System of Work (SSOW)
2. the relevant railway possession and protection arrangements for the work site and equipment to provide a safe system of work and how to check these have been withdrawn
3. your organisation's procedures for restoring the work area
4. the work area security requirements
5. your organisation's procedures for storing material and equipment
6. the types of materials and equipment to be stored
7. the different types, methods and procedures for the disposal of waste items and hazardous substances as approved by your organisation
8. the relevant reporting lines and procedures that are approved by your organisation
9. the limits of your own authority and responsibility and those of others involved such as the Safe Work Leader (SWL)

## Reinstate the work area after signal engineering activities

**Scope/range related  
to performance  
criteria**

1. Follow the health and safety legislation, regulations and safe working practices and procedures, from the following as applicable to the work location and activities:
  1. your organisation's safety management system
  2. relevant sections of the HASWA
  3. COSHH
  4. safe work plans
  5. SWL (Safe Work Leader)
  6. track access restrictions
  7. track work instructions
  8. track possession
  9. task risk control sheets
  10. current rule book
  11. regulations for working under OHLE and in the vicinity of DC lines (where appropriate)
  12. equipment disconnections
  13. manual handling regulations
  14. RIDDOR
  15. safety sign regulations
  16. PPE
  
2. Identify the access requirements related to **one** of the following types of site locations:
  1. trackside
  2. internal (such as signal box, equipment room)
  3. areas to which the public have access
  4. confined spaces
  5. elevated structures
  
3. Safely store tools and equipment, including the following as applicable to the work activities:
  1. tools
  2. test equipment
  3. materials
  4. consumables
  5. plant
  6. communications equipment

## Glossary

### **COSHH**

Control of Substances Hazardous to Health Regulations

### **COSS**

Controller of Site Safety

### **DC**

Direct Current

### **ETCS**

European Train Control System

### **ERTMS**

European Train Traffic Management System

### **HASWA**

Health and Safety at Work Act

### **OHLE**

Overhead Line Equipment

### **PPE**

Personal Protective Equipment

### **PTS**

Personal track safety certificate

### **RIDDOR**

Reporting of Injuries, Diseases and Dangerous Occurrences

Regulations

**SSOW**

Safe systems of Work

**SWL**

Safe Work Leader

**Your organisation**

This is the company you work for or are contracted to, or, if you are self-employed, the rules you have set for yourself to ensure that you comply with relevant legal and licensing requirements.

**Organisation's procedures**

These are the procedures your organisation has in place to ensure compliance to the relevant rules, regulations, instructions, policies, procedures and laws relevant to the activity.

**Access/Egress**

Includes personnel movements both 'in' and 'out' of work locations

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