
Overview

This Standard is about operating powered tools, equipment and small mobile plant including powered static equipment and hand-operated powered tools. It could apply to network construction operations for a single utility or in a multi-utility environment.

This involves carrying out pre-start inspections, preparing, running, operating, shutting down, carrying out post stop checks and storing powered tools, equipment and small mobile plant in an efficient and safe way.

This Standard is for anyone who operates powered tools, equipment and small mobile plant for utilities network construction.

Performance criteria

You must be able to:

1. use work instructions and specifications to confirm the operations requiring the use of powered tools and equipment and small mobile plant
2. carry out a site specific risk assessment, and review in accordance with company procedures
3. apply control measures identified in risk assessments
4. select, check condition, use and store the appropriate personal protective equipment (PPE)
5. carry out pre-start inspections on the powered tools and equipment and small mobile plant
6. record any defects of the powered tools and equipment and small mobile plant in accordance with company procedures
7. confirm powered tools and equipment and small mobile plant is safe, correct and ready for use in accordance with the work requirements
8. carry out start and stop procedures to confirm functions are in accordance with safe control and the manufacturers' operating instructions
9. operate tools and equipment safely in accordance with specifications and in compliance with approved policies and procedures
10. stop powered tools and equipment and small mobile plant in line with manufacturers' instructions
11. carry out required post-stop checks in accordance with organisational and operational procedures
12. store powered tools and equipment and small mobile plant in accordance with security requirements
13. carry out all work to approved procedures and practices and in compliance with statutory and regulatory requirements
14. record and report to appropriate people defects in tool and equipment performance
15. record and report to appropriate people replacements which are identified
16. check with appropriate people any circumstances where information appears incorrect
17. use organisational information systems to record and store data and information
18. report to appropriate people, any damage to tools and equipment

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19. refer problems and conditions outside the responsibility of the job role to appropriate people using approved procedures

Knowledge and understanding

You need to know and understand:

1. the main responsibilities of the employer and employee under current health and safety legislation and how to comply with them
2. the main responsibilities of the employer and employee under environmental legislation
3. how to carry out and review risk assessments
4. the company reporting lines, roles, responsibilities and levels of authority
5. the identification and application of safe procedures for handling hazardous and non-hazardous materials
6. organisational accident recording and reporting procedures
7. the type and use of personal protective equipment for the work activity and procedures for checking it is fit for purpose
8. statutory, organisational and emergency reporting procedures
9. the potential health hazards when using powered tools and equipment and small mobile plant and the steps required to control the risk
10. how to apply safety precautions before, during, and after operations in accordance with company procedures
11. the implications of toxic fumes, dust, hazardous materials and noise to self, others, adjacent activities, the public, and surrounding environment
12. how to apply correct handling and lifting techniques when using powered tools and equipment and small mobile plant
13. employers and manufacturers' requirements for pre- performance checks and other routine checks
14. the hand-operated, mobile and static powered tools, equipment and small mobile plant available for your work including compressors, generators, water pumps, vibrating plate compactors, trench rollers, pavement and road saws, pneumatic or hydraulic breakers, disc cutters
15. how to select and use appropriate tools and equipment and small mobile plant
16. the competency requirements for operating power tools and equipment and small mobile plant
17. industry recognised practices for the respective trade occupation and general construction work activities including current statutory requirements.

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18. manufacturers' recommendations for operating the powered tools and equipment and small mobile plant
 19. the importance of maintaining tools, equipment and small mobile plant in good working order
 20. defect reporting procedures
 21. environmental control and reporting procedures

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Operate powered tools, equipment and small mobile plant for utilities network construction



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