EUSEPUS003
Install plant and apparatus in the electricity power utilities environment

Overview

This national occupational standard is about installing plant and apparatus in the electricity power utilities environment. It involves completing installation activities in a rigorous and methodical manner and the following of processes and procedures to make sure that the finished work meets the quality assurance and operating specifications set by the organisation.
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Performance criteria

You must be able to: Plan to install plant and apparatus
P1 determine the work location using company documentation and work instructions
P2 conduct a site specific risk assessment in accordance with health and safety regulations
P3 determine the content and sequence of tasks needed to complete the work activity
P4 inform parties directly and indirectly responsible for completing the work activity of the work plan
P5 plan and carry out all work in line with company policy and work procedures

You must be able to: Prepare to install plant and apparatus
P6 inspect, prepare and carry out pre use checks on tools and equipment required to complete work activity in accordance with work instructions and equipment specifications
P7 select and wear required personal protective equipment when completing work activities in accordance with health and safety regulations
P8 locate and establish the plant and equipment to be assembled in accordance with authorization procedures
P9 apply and follow control measures in line with safe control systems requirements

You must be able to: Install plant and apparatus
P10 install and secure plant and apparatus in accordance with equipment specification and procedures
P11 check the completed installation work to make sure it meets and complies with the work instructions and equipment specifications final version
P12 follow and maintain safe working and environment practices in accordance with Company Procedures, Health and safety regulations and environmental legislation throughout the duration of the work

You must be able to: Restore and reinstate work location
P13 store tools and equipment on completion of the work activity
P14 dispose of waste materials and hazardous substances
P15 leave the work area in a condition which is in line with good housekeeping practice

You must be able to: Use and communicate data and information
P16 report unavailable or defective tools, equipment and resources
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P17  read and interpret company work instructions and supporting documentation
P18  maintain documentation and report the completion of work activities in accordance with organisational requirements

You must be able to:  Resolve problems effectively and efficiently
P19  deal with problems within the limits of own job role responsibility
P20  report problems outside job role responsibility to designated personnel
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Knowledge and understanding

You need to know and understand:

General
K1 the main principles of health and safety and environmental legislation and regulations
K2 the company reporting lines and authorisation roles and responsibilities
K3 the company policies and procedures that directly impact on the work to be undertaken

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K4 the company procedures and processes for reporting problems with tools and equipment
K5 how to read and interpret procedures and information sources used to make sure that tools and equipment are fit for purpose and safe to use
K6 processes and procedures to be followed for inspecting and preparing tools and equipment prior to use
K7 read and interpret instructions on how to use tools and equipment safely and the processes and requirements for undertaking routine checks
K8 what personal protective equipment needs to worn when undertaking work activities
K9 what materials and substances are dangerous and hazardous to health
K10 how to maintain safe working and environmental practices throughout the duration of the work
K11 how to minimise risks to self and others when undertaking work activities
K12 company work instructions, information and reporting systems and documentation
K13 how to respond to the different types and categories of emergency situations that might occur
K14 how to install plant and apparatus using specified principles, methods, processes and procedures
K15 how to recognise and report inaccurate and incorrect work instructions and documentation
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Additional Information

Behaviours
You work in a manner which:
1. recognises and acts when others need support
2. takes responsibility for resolving problems in your work area
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