MPQPL388

Operate plant to extract

Overview

What is this standard about?

This standard specifies the skills, knowledge and understanding required to demonstrate competence in the operation of mobile plant such as an excavator or loading shovel that is designed to extract materials or minerals such as ground, face or loose materials in extraction sites, open ground, tips or bays.

Who is this standard for?

This standard is applicable to any person operating plant to extract materials or minerals.

Performance criteria

You must be able to:

1. conduct your work in line with relevant regulations, legislation and safe working practices to maintain a safe, healthy and environmentally responsible workplace.
2. interpret the given operating **information** relating to the use of plant and confirm its relevance
3. communicate with others and work as part of a team when operating plant to extract
4. identify the hazards and risks associated with operating the plant
5. select, check and wear the appropriate Personal Protective Equipment (PPE) for the work activity
6. protect the work and surrounding area to prevent damage, maintain a clean workspace and dispose of waste correctly
7. identify the work area and materials to be extracted
8. carry out pre-operational checks for obstructions, changes in stability, material quality and safety and security of the work and surrounding area
9. check to avoid damage to structures and utility services
10. work within your own level of competence and seek assistance and advice when required
11. operate the plant to extract, remove and load materials safely and securely to the required specification

Knowledge and understanding

You need to know and understand:

1. relevant regulations, legislation, company policies and procedures, safe working practices and operating **information**
2. how to select, check and wear the appropriate PPE for the task
3. how to report problems with the plant, equipment and operating information
4. who to notify when conducting plant operations
5. how to protect the work and surrounding area when operating plant to extract
6. why it is important to take responsibility for your own behaviour and standards of work
7. why you must conduct a pre-operational check of the area to be extracted
8. how to identify obstructions and changes in stability, material quality and the safety and security of the work and surrounding area
9. what constitutes unsafe conditions
10. the limits of your own responsibility and competence and when to seek assistance or advice from others
11. how to dispose of waste safely
12. how to carry out the work activity to meet the required specification
13. the importance of adhering to schedules and agreed timeframes
14. the importance of monitoring the condition of plant and equipment

Scope/range

information: drawings or diagrams, specifications, schedules, method statements, risk assessments, manufacturers' information, current regulations governing the operation of plant and the use of equipment

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