MPQBL12

Prepare bulk explosive truck for deliveries

Overview

What is this standard about?

This standard states the skills, knowledge and understanding required to demonstrate competence to prepare bulk explosive mixer trucks for deliveries. Preparation includes ensuring the vehicle is fit to travel and that it is correctly loaded with explosive materials, and equipped with all tools, equipment and documentation that may be required for the journey and access to the blast site. It applies whether the journey is from a depot/loading point within the quarry/mine or from a depot away from the blast site where the journey could involve driving on public roads.

Knowledge is required across a range of specialisms which include: vehicle characteristics; types of explosive materials; packaging and labelling explosive materials; tools and equipment; documentation; site security procedures; potential risks to security; relevant legislation.

During this work the candidate must take account of the relevant operational requirements and safe working practices.

Who is this standard for?

This standard can apply to anyone who is required to prepare a bulk explosive mixer truck for deliveries. This will often be the vehicle driver.

Performance criteria

You must be able to:

1. check that all persons in the loading area are authorised to be present
2. complete vehicle pre-start checks to organisational operational requirements and in compliance with vehicle manufacturer's specification
3. load and secure the vehicle with **explosive materials** for the **blasting environment** to meet delivery requirements and in conformity with relevant legislation
4. equip vehicle with all tools, safety signs and equipment, personal protective equipment, communication devices and documentation required for leaving the loading area, journey to site, entry to blast area and off-loading in accordance with statutory requirements, and customer requirements
5. check and complete documentation in relation to the vehicle, load and delivery
6. confirm vehicle as fully in compliance and ready for travel
7. carry out work activities according to the **approved policies, procedures and practices**

Knowledge and understanding

You need to know and understand:

1. the types and range of **explosive materials** for the work activity
2. the dimensions and loading limits of vehicles
3. the methods and procedures to protect and secure the load
4. the requirements of vehicle pre-start checks
5. the control of substances hazard to health, in relation to materials carried by the vehicle, or required for its operation
6. the security rules and procedures
7. the potential risks to security, and action to take in cases of breach of security
8. your personal responsibilities under the health and safety statutory requirements
9. the types and range of documents, tools and equipment to be carried by the vehicle whilst travelling on public roads, and their purpose and use
10. the types and range of documents, tools and equipment to be carried by the vehicle to gain access to and whilst travelling in the **blasting environment** to the blast site, and their use
11. the types and range of documents, tools and equipment to be carried by the vehicle to facilitate hole loading
12. the types and range of documents, tools and equipment to be carried by the vehicle to enable routine cleaning and/or maintenance whilst away from depot
13. the types and use of personal protective equipment that may be required whilst loading, driving, purging and dealing with emergency situations
14. the actions to be taken in event of vehicle not being fit to travel
15. the actions to be taken if vehicle is not fully equipped to travel
16. the actions to be taken if vehicle is not correctly loaded to travel, or to meet customer requirements
17. the organisational operational rules and procedures in the event of emergencies; to include fire, spillage, vehicle breakdown
18. the **approved policies, procedures and practices** in the context of the work activity

Scope/range

1. **explosive materials**: explosive articles or substances, and any blasting intermediaries, as defined in current legislation, as appropriate to the work activity
2. **approved policies, procedures and practices**: legislative, organisational, operational, accident or emergency, health and safety, first aid, and environmental as appropriate to the location and work activity
3. **blasting environment**: in relation to at least one blasting environment: mining, quarrying, demolition, tunnelling, civil engineering, under water

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