

LANNFAR2

Prepare, light and maintain the forge fire



Overview

In order to 'prepare, light and maintain the forge fire' you will need to check if fuel is available and the work area is tidy. You will need to clear the forge of debris from its last usage before lighting the fire and bringing it up to, and maintaining it at, the working temperature suitable for the work to be undertaken. You must shut the fire down correctly and ensure health and safety is maintained throughout the operation. Attention must be given to the storage of fuel, safety of the fuel supply, prevention of spillages, physical protection from the fire and provision of fire fighting equipment.

You will be able to work with both of the following types of farrier's forge:

1. solid fuel
2. gas

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Performance criteria

- You must be able to:*
- P1 confirm a suitable and sufficient supply of fuel is available before lighting the fire
 - P2 ensure that the work area is free from combustible materials and other hazards
 - P3 prepare the forge correctly for lighting
 - P4 light the fire safely and bring it to the correct working temperature
 - P5 ensure fuel economy is maintained throughout
 - P6 shut down fire safely
 - P7 maintain the health and safety of yourself and others at all times

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Knowledge and understanding

You need to know and understand:

Health and safety

- K1 precautions to take when using the forge and why they must be taken
- K2 how to light and shut down the fire safely
- K3 how to control and maintain the correct working temperature

You need to know and understand:

Temperature

- K4 why it is important to maintain correct working temperatures
- K5 the correct temperature to use and how to determine the temperature in the fire

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Developed by LANTRA

Version number 1

Date approved January 2010

Indicative review date January 2012

Validity Current

Status Original

Originating organisation LANTRA

Original URN NFar2Jan10

Relevant occupations Animal care and veterinary science; Skilled Agricultural Trades

Suite Farriery

Key words fuel, horse, gas, solid, lighting
