

Safety Information Message

Reference: SIM2302

Issued: 16 June 2023

Review Date: 16 June 2024

HSE Safety Notice EPD02-2023: liquid petroleum gas (LPG) forklift truck fire risk due to release of unburned LPG

Summary

The Health & Safety Executive (HSE) is aware of a number of fires on, and around, liquid petroleum gas (LPG) powered forklift trucks and other similar vehicles that have occurred during starting. Deposits in vaporiser units, flow regulators and shut off valves cause the truck to fail to start, particularly from cold. Build-up of deposits can lead to sticking valves and the mixture supplied to the engine being too rich to be ignited. Repeated starting attempts can result in the release of unburned LPG, which in extreme cases can be ignited, setting fire to the vehicle and surrounding materials. Actions are required of operators and service / maintenance engineers.

Action

Refer to the HSE safety notice [EPD02-2023](#) and follow the required actions.

Suggested onward distribution

Directors of Estates &
Facilities

Fire Safety Advisors
Health and Safety

Risk Management
Transport Managers

Enquiries

Enquiries and adverse incident reports should be addressed to:

Incident Reporting & Investigation Centre (IRIC)

NHS National Services Scotland

Tel: 0131 275 7575 Email: nss.irc@nhs.scot

Accessibility: Please contact us using the above details if you are blind or have a sight impairment and would like to request this alert in a more suitable format.

IRIC remit: general information about adverse incidents, safety alerts and IRIC's role can be found in [CEL 43 \(2009\)](#), *Safety of Health, Social Care, Estates and Facilities Equipment: NHS Board and Local Authority Responsibilities*, issued 30 October 2009.

Report an incident: Information on [how to report an adverse incident](#)

NHS National Services Scotland is the common name for the Common Services Agency for the Scottish Health Service <https://www.nss.nhs.scot/>