

COSH H 2002 reg 6: exposure is assessed BEFORE the work starts; reg 7: it is prevented, or adequately controlled, working down the hierarchy — eliminate, substitute, engineer, then RPE last. This assessment covers the substance family below; it is completed against the actual products (their safety data sheets alongside) and the actual task, and briefed to the people exposed. The current workplace exposure limit, where one applies, comes from EH40 and the SDS on the day — write it in below.

1 ASSESSMENT DETAILS

SITE / PROJECT

TASK ASSESSED

PRODUCTS IN USE (SDS TO HAND)

ASSESSED BY

DATE

2 THE SUBSTANCE — WHAT IT IS AND WHAT IT DOES

WHERE IT IS MET: Diesel plant is the Diesel Exhaust sheet; this sheet is everything else that burns fuel indoors — petrol saws, compactors and pumps in basements and enclosed floors, LPG and paraffin space heaters in cabins, cutting sets and torches in closed rooms, and deliveries idling in loading bays. Carbon monoxide has no smell and gives no warning.

THE HARM: Carbon monoxide stops the blood carrying oxygen: headache, drowsiness and confusion first, then collapse and death, in minutes at high concentration and over a shift at low ones. A drowsy person in an enclosed plant area is being poisoned. The engine that made it may be two rooms away.

3 EXPOSURE — ROUTES, PEOPLE, LIMIT

Inhalation — dust, fume, vapour or mist

Ingestion — hand to mouth

Skin and eye contact

Others affected — adjacent trades, occupiers, public

WHO IS EXPOSED, HOW LONG, HOW OFTEN

WEL / LIMIT (FROM EH40 AND THE SDS TODAY)

4 CONTROLS — IN THE REG 7 HIERARCHY, ALL IN PLACE BEFORE WORK STARTS

Combustion plant kept out of enclosed spaces: electric plant, or the engine outside with the service led in — the first and best control

Where combustion cannot be avoided indoors: forced ventilation sized for the plant, exhaust ducted to open air, and running time limited

Flueless heaters not used in unventilated cabins or rooms; the manufacturer's ventilation followed

CO detection with an alarm wherever combustion plant runs enclosed, and in accommodation heated by combustion

Headache or drowsiness clears the area first and is treated as poisoning until proved otherwise

SITE-SPECIFIC CONTROLS FOR THIS TASK

RPE WORN (TYPE, AND FACE-FIT WHERE TIGHT-FITTING)

OTHER PPE FOR THIS SUBSTANCE

5 HEALTH SURVEILLANCE, HYGIENE AND FIRST AID

None routinely; any suspected CO exposure gets medical attention and an investigation of the plant layout.

6 STORAGE, SPILLAGE AND DISPOSAL

Fuels and gas cylinders to their own assessments; generators and heaters positioned by the RAMS, not by convenience.

WHERE IT IS STORED ON THIS SITE

SPILL RESPONSE AT THE WORK

7 SIGN-OFF AND BRIEFING

The assessment is complete when the people exposed have been briefed on it. Reassess when the product, task, quantity or location changes — not on an anniversary.

ASSESSOR — PRINTED NAME

SIGNATURE

DATE

WORKFORCE BRIEFED (DATE / RECORD REF)

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-09-01	first-issue	First issue.	— not yet approved —
A0	2026-09-01	review	Approved for issue by the author. Content unchanged from the reviewed draft; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft, not approved and not for sale; A = approved for issue by the person named, on the date shown.