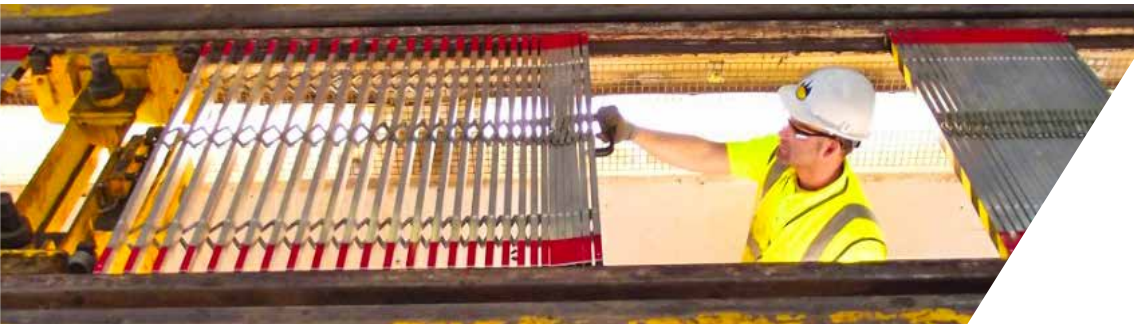
Oxford Safety Components ltd

CAVE

SAFETY COVER FOR INSPECTION PITS



Light-weight covers, easy and quick to protect open vehicle pits

ACS REGISTRARS Quality Assurance ISO 9001

UKAS

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INNOVATIVE PATENTED SAFETY SOLUTIONS

Oxford Safety Components ltd

Robust yet lightweight inspection pit covers are easy and quick to deploy to protect pit.

Prevents anyone from falling into the vehicle inspection pit in a transport workshop, whilst allowing full access to the vehicle underside.

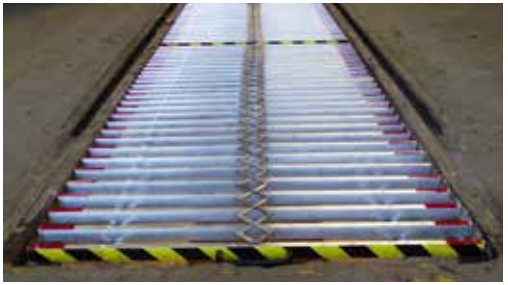
CAVE Concertina Covers protecting vehicle pit

CAVE
SAFETY COVER FOR INSPECTION PITS

METHOD STATEMENT FOR RETRACTING AND DEPLOYMENT OF CONCERTINA COVERS

NOTE A
When vehicles are not present the cover MUST be deployed (extended over the full length of the pit) to prevent any person falling into the inspection pit.

NOTE B
A weekly inspection of the condition of the cover should be carried out and recorded by a competent person. Before each use of the pit, make a visual check of the CAVE decking. If any defects are seen, such as damage to the slats, report the situation to a supervisor immediately. Assess how to continue with the safe use of the pit. Repairs must be arranged promptly.



Note A & B Cover is deployed to prevent any fall into the pit. Make a formal weekly check of the condition of the cover

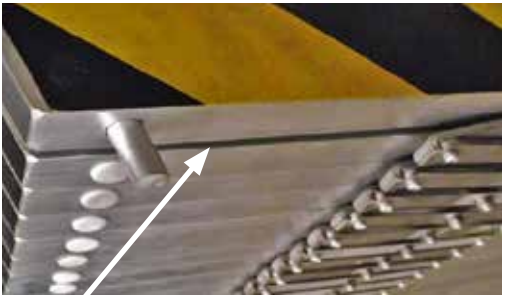
Note C Ensure vehicle wheels are on the solid workshop floor

NOTE C
If all is in order, a vehicle can be driven into position over the pit for inspection or service work. Ensure that the wheels of the vehicle are on the solid workshop floor (and not on the lattice).

STEP 1
To inspect the vehicle, gain safe access into the pit. The access may vary; a pit with steps is illustrated. The cover lattices, are positioned on the pit side rails, have a handle at each end, and are located by two methods:

Open end of cover to access the pit via steps.

1a) Vertical location pins that are inserted down into the pit side rails - see X



Vertical location pin drops into hole in pit side rail.

Essential Safety Note:

So that the CAVE cover methods are clear, a vehicle is not always shown. In real life, the pit hazard must be protected by a vehicle, cover, or barrier at all times.

1b) Horizontal spring-loaded location pins that are inserted into the pit side rails.

Horizontal spring-loaded pin in hole in pit side rail.

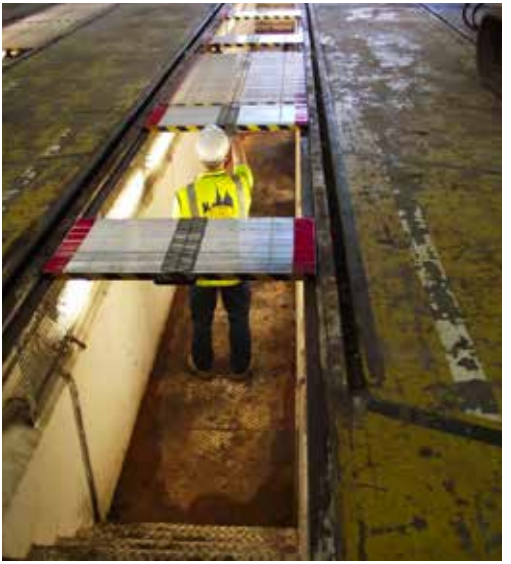
STEP 2

Grasp handle and lift end of concertina lattice to disengage vertical locating pins; slide lattice along the pit side rails (closing up the slats) to gain access to pit steps; check steps are clear of oil and debris; carefully walk down steps; close aperture after access. Pit floor and side walls must be kept clear of oil and clutter.

Open end of cover to access the pit via steps.

STEP 3

The slats of further covers can now be closed up as needed, to provide the necessary access to underside of vehicles. This will need the release of vertical and/or horizontal spring loaded pins. At all times, re-locate the pins into the installed receptacle holes to ensure stability of the CAVE cover system.



Open up covers to gain required access to vehicle; always position the covers to maintain safety around jack(s).

STEP 4

Several vehicles might be on a long pit at the same time; the gaps between the vehicles must be safeguarded with a CAVE cover.

Ensuring any gap between vehicles is made safe.

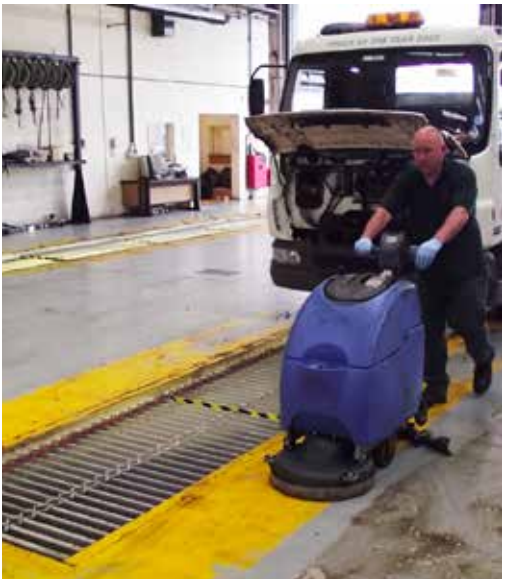
STEP 5

When work is completed but before the vehicle is moved off the pit, the covers must be re-positioned to safeguard the pit. Ensure that the location pins are correctly reinserted into their respective holes.

Ensuring the cover location pins are correctly inserted, NB: Vehicle (not shown) must be left in place until pit covered

STEP 6

The covers protect operatives such as cleaners from the danger of the inspection pit.



Safe protection for operatives such as cleaners.

STEP 7

With due safeguards in place, the covers can be moved to one end to clean the pit and the pit rails. The covers can also be temporarily removed completely if required.

With due safeguards in place, full access for cleaning the pit and rails is gained by moving covers to one end, or removing them temporarily from the pit.

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SAFETY COVER FOR INSPECTION PITS
METHOD STATEMENT FOR RETRACTING AND DEPLOYMENT OF CONCERTINA COVERS

Safety Note:

So that the CAVE cover methods are clear, a vehicle is not always shown. In real life, the pit hazard must be protected by a vehicle, cover, or barrier at all times.

Do not drive the vehicle onto the CAVE lattices; they are designed for personnel but are not designed to support the weight of a vehicle (or other equipment.

Photographs are without the vehicle in place over pit in order to make retraction method clear. In real life, the pit must be protected by a vehicle or cover at all times.

Customer Services

Advice, on-site training, maintenance & repair services are available from our mobile teams across the UK, or from our base at Bicester near M40 motorway

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