MINIMUM STANDARD

Asbestos Enclosures, Transit & Waste Routes

The following Minimum Standard is applicable on all projects

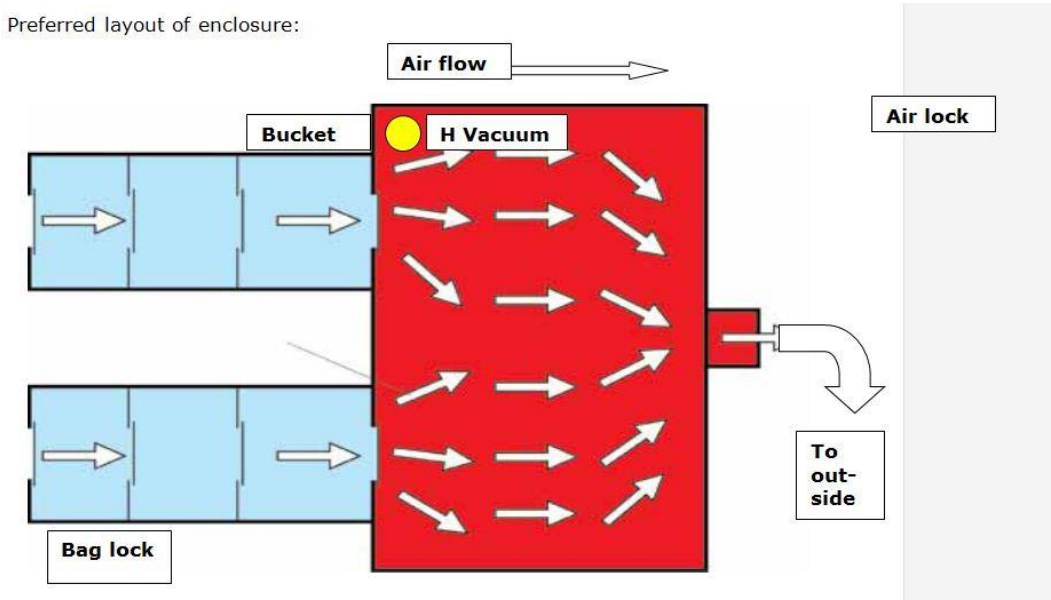
General Unitas requirements applicable to this standard
Asbestos Removal Works must be carried out inside purpose-made enclosures. Unitas Employees MUST NOT enter the enclosures. (except prior to and to witness smoke tests).

Enclosures shall:

- Be constructed from 1000 gauge polythene to LPS1207, with the frame (where in timber) external to the polythene
- Have a 3 stage airlock (for operatives to enter and leave the enclosure. Each compartment a minimum 1m x 1m x 2m high where practicable or otherwise stated within the plan of work
- Have a separate bag-lock (for removal of waste) where practicable or otherwise stated within the plan of work
- Be equipped with suitable and sufficient viewing panels min 600mm x 300mm (or CCTV) to be able to see all the work being carried out
- Have sufficient Negative Pressure Units (NPUs), located away from the airlock, discharging to outside (**see ACoP L143 paragraphs 385-399 for detail)**
- Be smoke tested before use
- Be inspected before and after each shift
- Be clearly signed “authorised entry only” and “RPE must be worn”

Transit and Waste Routes
Although preferred, it is unlikely that the airlock will be connected directly to a decontamination unit. This will therefore require anyone entering the enclosure to change into differently coloured “transit” clothes, and “transit” by a defined route to the decontamination unit wearing their respiratory protective equipment (RPE).

Transit and Waste Routes should be separated from other walking routes and circulation areas (where practicable), clearly signed, and monitored regularly for cleanliness.



Viewing panels

Example of 3 stage air lock

Negative Pressure Unit

Smoke Testing

Planning
The details of the enclosure, along with a sketch of its layout, main features and associated transit and waste routes must be included in the Plan of Work submitted with the notification of work to the HSE by the licensed asbestos contractor.

Documents
Asbestos Plan of Work Checklist (Licensed Work) SHEMS-FOR-GR-021
Asbestos Work Monitoring Form (Licensed Work) SHEMS-FOR-GR-024

Further Guidance/Reference: Refer to Asbestos Management Standard SHEMS-STD-GR-041

ASBESTOS ENCLOSURES, TRANSIT & WASTE ROUTE CHECKLIST

Project Name:
Project No: **Date:**

Name of person undertaking check or safety monitoring:

	Check	Complete	
1	Is the enclosure installed as shown on the Plan of Work?	✓	x
2	Are all warning signs (authorised access, Asbestos, RPE) displayed and clear?	✓	x
3	Does the Airlock consist of at least 3 compartments?	✓	x
4	Is there a separate bag-lock?	✓	x
5	Are the flaps weighted at the bottom of each lock?	✓	x
6	Are the flaps on the inside, towards the enclosure?	✓	x
7	Is the enclosure securely made of 1000 gauge polythene?	✓	x
8	Is there a viewing panel (min 600x300) to the 3rd stage (outermost) airlock section?	✓	x
9	Are there enough viewing windows to see all the works?	✓	x
10	If NO, does CCTV cover the remaining areas?	✓	x
11	Has the enclosure been successfully smoke-tested and witnessed?	✓	x
12	Is the Negative Pressure Unit (NPU) suitably located far enough from the airlock to have a good airflow throughout the whole enclosure (no dead-spots)?	✓	x
13	Is the NPU at least the size required under the Plan of Work?	✓	x
14	Do the sides of the enclosure “draw in” when the NPU is working?	✓	x
15	Are the NPU specific test and inspection records available on site?	✓	x
16	Is the NPU ducted to outside?	✓	x
17	Is there an H-Type vacuum inside the enclosure?	✓	x
18	Do the H-Type vacuums have current DOP certificates (6 monthly)	✓	x
19	Are the transit and waste routes clearly defined and used?	✓	x
20	Are full RPE and transit overalls worn during transit?	✓	x

Signature …….

Date …….