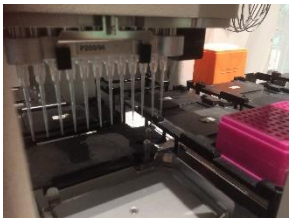
METHOD STATEMENT: Deinstall of Liquid Handling Robot
Dimensions: h.1397 x w.770 x l.1510 mm; Weight: 280kg



Equipment:
Stacker with 1000kg lifting capability
Wooden blocks
Closed top four-way pallet
Pallet truck
Cotton tape
Tray and pinning equipment

PPE and H&S requirements:
Steel toe cap footwear
Gloves
Risk Assessment
-
Method requires 3 people

Method:

Object sits on high level plinth– Perspex barrier requires moving before it can be accessed

1. Remove loose parts, noting original locations, and pack into a tray.
2. Arms should be placed in the middle of the object to centralise the weight and tied off to stop any movement during transport.
3. 2 people, first doing a test lift, lift object and a third person to place blocks under the feet. (Object requires raising in order to fit in stacker forks.)
4. Position stacker under the object and put on the brakes.
5. Raise stacker, lifting object from plinth. Adjust position of the arms to ensure a balanced weight.
6. Move stacker backwards, away from the plinth.
7. Replace brakes and lower object to height just above pallet. All staff to stand clear with one person controlling the stacker when lowering.
8. Tie up trailing cables using cotton tape.
9. Position object over closed top four-way pallet with brakes on.
10. Place blocks under feet of object to allow forks to be removed once object is in fully lowered.
11. Lower object onto pallet. All staff standing clear.

12. Place two ratchet straps around object and pallet, padding with plastazote areas where strap contacts the object.
13. 2 staff to transport object to secure store, using a pallet truck, checking lifts and access routes before moving.

Figure 1: Step 1

Figure 2: Step 3

Figure 3: Step 5

Figure 4: Step 6

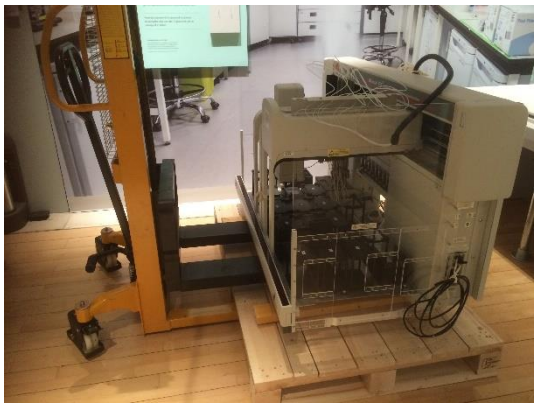


Figure 5: Step 11

Figure 6: Step 12