

## **WORK PROCEDURES**

### **HEPA DRILLING - BMSB 600 LEVEL INTERSTITIAL SPACE**

---

#### **Drilling Procedures For Holes in ceiling - One (1) Inch diameter or Less BMSB 600 level Interstitial Space**

##### **Required Equipment:**

- Hilti TE 5 hammer drill (fitted with Hilti dust collection shroud attached to HEPA vacuum) **or**
- DeWalt cordless hammer drill (fitted with a boot style dust collection shroud attached to a HEPA vacuum) **or**
- Drill system approved by EHSO
- HEPA filtered vacuum approved by EHSO
- Encasement sealer (blue)
- Duct tape
- 6 mil "asbestos" labelled polyethylene bags
- Clean rags
- Wash bucket with amended water and washcloths

##### **Optional Equipment:**

- Half-face negative pressure respirator equipped with P-100 filters
- Nitrile gloves
- Disposable coveralls with boot covers

##### **Work Procedures:**

1. Turn off HVAC system for the area.
2. Mark the area for drilling.
3. Keep to centre section of Q-deck, minimum of nine inches away from I beams.
4. Attach dust collection shroud to drill. Attach HEPA vacuum to drill assembly.
5. Using HEPA drill assembly, drill a pilot hole using metal drill bit. Switch to concrete drill bit to complete hole for concrete shield.
6. Apply blue encasement sealer to edges of drilled hole.
7. Affix concrete shield...
8. Duct tape openings of dust collection shroud and HEPA vacuum.
9. Wet wipe drill, bits, and dust collection shroud.
10. If necessary clean debris from the floor with a HEPA vacuum.
11. To dispose of waste (duct tape, rags), double bag using asbestos labelled bags and individually seal.
12. If encasement becomes damaged, HEPA vacuum the area and apply the blue encasement sealer. Notify EHSO immediately 474-6633.