

### Mould Abatement

DST prepares detailed mould remediation specifications and terms of reference for the mould abatement (removal) project. During the abatement work, DST provides project management, inspection and clearance testing to ensure the Contractor performs the work in accordance with the Clients requirements and the contract documents.

Prior to the abatement work, the area is isolated with a polyethylene enclosure to protect occupants and workers from hazardous exposures. The type of enclosure depends on the extent of the mould contamination. Workers use special HEPA filters and personnel protective equipment to prevent inhalation and exposure to mould spores.



Fig. 1

A small polyethylene enclosure is constructed around a moderate mould contaminated area (Fig. 1).



Fig. 2

A large-scale abatement enclosure is shown above (Fig. 2).



Fig. 3

A fan with a high efficiency HEPA filter is used to create a vacuum inside the enclosure (Fig. 3). This prevents the spores from spreading outside the work area during the mould removal work. Workers inside the enclosure are provided with HEPA filter masks to prevent inhalation of the spores.



Fig. 4

The mould-contaminated materials are removed and the area is cleaned with detergent, bleach and a mould inhibiting solution (Fig. 4). DST performs clearance testing to determine if the abatement work has removed the mould spores to normal levels. Re-cleaning may be required. The source of the moisture must be corrected in order to prevent the mould from re-occurring.