

**WORKING WITH ASBESTOS
CEMENT PIPES**
OHS/AGN/15



**Scottish
Water**
Always serving Scotland

Working With Asbestos Cement Pipes

Working with Asbestos Cement Pipes

The following 4 pages illustrate the key points to be followed by all SW staff when working on AC pipes – either pipe-bursting or pipe burst repairs or making joints into AC pipes or when making joints on new pipes laid through burst AC pipes



IF YOU DON'T LOOK LIKE THIS - YOU CAN'T DO THE WORK.

Mask **MUST** go under the hood. Sleeve Cuffs **MUST** go over the gloves. Ankle cuffs **MUST** go over boots. Suit over boots (take off boots to get suit on). Other PPE - hard hat, goggles, hi-visibility jacket over suit as needed. Wear goggles if breaking out.

The following equipment must only be used. You must not use any other PPE for AC work:

Suit: Microchem 3000 Professional suit (Yellow) with hood suitable for use on a shift.

Alternative: Flexothane/Arcothane coverall with duct tape over cuffs and ankles. Suitable for heavy duty use.

Gloves: Preferred: Marigold G17K Heavyweight Glove (Black)

Alternative: Ansell 87-950 Low Allergy Glove

Gloves with cotton backs or cotton cuffs should not be used.

Bags: If possible, use red asbestos bags.

If these are not available, heavy duty bags ('rubble bags') may be used, as long as they are well marked with Asbestos warning tape or Asbestos warning label.

Mask: 3M 9332 valved mask. (Disposable)

YOU WILL NEED TO BE FIT TESTED FOR THIS MASK AT SOME POINT IN TIME. YOUR TEAM LEADER WILL ADVISE.

WORKING WITH ASBESTOS
CEMENT PIPES
OHS/AGN/15



Scottish
Water
Always serving Scotland



Pipes should be thoroughly wetted before work and during the work. This team had a pumpable spray, but other methods are acceptable (e.g. watering can, pouring from a bucket, etc). Cut only with hand tools, or break out with hammer after wetting.



- If possible, wrap before breaking pipe.
- Cut inside polythene wrap if possible.
- If hammering, wear goggles in case of splintering.



WORKING WITH ASBESTOS
CEMENT PIPES
OHS/AGN/15



Scottish
Water
Always serving Scotland



- Keep broken pipe wet - do not leave it in hole and allow to dry out.
- When repairing bursts, remove whole sections of pipe if possible. Use collars to repair bursts if possible.
- Remove broken pipe and **all** visible shards of pipe from hole and seal in bag, then place sealed bag in second bag and seal this as well.
- Get as much air out of the bags before putting waste in them and close gently, to prevent spread of any particles.

WORKING WITH ASBESTOS
CEMENT PIPES
OHS/AGN/15



**Scottish
Water**
Always serving Scotland



- Remove PPE in safe clean area away from working area in reverse order to putting it on - keep mask on until last.
- Wipe down using wet wipes or spray down suit, boots, etc before starting to remove
- Turn suit inside out as it comes off so any dust on the outside does not escape
- Double Bag suit as contaminated waste.
- Turn gloves inside out as you take them off, bag as contaminated waste.
- Take mask off and bag as contaminated waste.
- Hose down or wet wipe down other PPE. Dispose of wipes as asbestos waste.
- If high-visibility tabards, etc, are not waterproof and have been worn over the suit, they must be disposed of as contaminated waste, or laundered at a specialist laundry.
- The same bags used for bagging the waste may be used for bagging PPE.



Page 4

ONLY **colour** copies of this document should be made available