



---

## Risk Element

- Falling;
- Lone Working;
- Refrigerant Leakage;
- Explosion;
- Fire;
- Slips and Trips;
- Limited Access/Egress;
- Aggressive members of the public.

## Precautions to Eliminate/reduce Risk

- Third person to be aware of workers location;
- Check for Ammonia leakage prior to entering roof spaces and if found do not enter;
- Ascertain escape routes;
- Ensure adequate normal and emergency lighting is available and working;
- Access and egress points are clearly signed and illuminated;
- Use of communication devices (radios, phones);
- Check working loads of roof space insulation if access is required for standing via the client. Ask for their Risk Assessment;

## Action in an Emergency

- Third person to alert others prior to investigating situation;
- Remove personnel from danger area;
- In case of fire, raise alarm immediately;
- Follow instructions in case of fire to evacuate and assemble;

## Safe Working Method

- It is important when working alone in a remote area or roof space that a third person is aware of your locations;
- Use a safe system of work, this normally means a 'Permit to Work' system;
- Safe system to include use of two way radios or mobile phones, if so, contact period with third person to be specified and recorded on 'Permit to Work, prior to works commencing or, if automatic system is used, periodicity of checks and replies should be noted;
- Make sure you and third party are familiar with all locations and emergency exits.

## Minimum PPE Requirements

- Safety Boots;
- Hard Hat;
- Torch.