



RISK ASSESSMENT
WIZARD



HVAC (HEATING, VENTILATION, AND AIR CONDITIONING)

Safety Guide

Construction Trade

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Key Benefits

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Checklist Items

KEY BENEFITS

Climate Control

Maintains comfortable indoor temperatures.

Air Quality

Ensures healthy indoor air quality.

Efficiency

Improves energy efficiency of buildings.

Health

Protects occupant health and wellbeing.

KEY HAZARDS & CONTROL MEASURES

Refrigerant Handling

- ✓ Use F-gas certified technicians only
- ✓ Ensure adequate ventilation
- ✓ Wear protective gloves and safety glasses
- ✓ Use proper recovery equipment

Electrical Hazards

- ✓ Isolate electrical supply before work
- ✓ Test circuits are dead
- ✓ Use lock-out/tag-out procedures
- ✓ Use insulated tools

Legionella

- ✓ Follow Legionella risk assessment procedures
- ✓ Regular cleaning and disinfection
- ✓ Maintain water systems at correct temperatures
- ✓ Use appropriate RPE when working on systems

Manual Handling

- ✓ Use mechanical lifting equipment
- ✓ Plan access routes before installation
- ✓ Team lift for heavy units
- ✓ Use correct lifting techniques



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