

RISK ASSESSMENT / METHOD STATEMENT

COOLAIR TECH RAMS DOC REF	KAT 26-01
DATE	20/12/2022
OPERATION/TASK	Installation of Air conditioning system
CONTRACT/JOB NAME	Sandhurst House
DATE PREPARED	As Above
REVIEW DATE	This method statement and its associated risk assessments will be reviewed on an on-going basis for the duration of the works.
METHOD STATEMENT WRITTEN BY	Ben Anderson
METHOD STATEMENT APPROVED BY	Ben Anderson
SIGNATURE OF APPROVER	
DATE	
COMPANY PREPARING THE METHOD STATEMENT	Cool Air Tech

RISK ASSESSMENT / METHOD STATEMENT

1 Introduction

This Method Statement describes the specific safe working methods which will be used to carry out the work. It gives details of how the work will be carried out and what health and safety issues and controls are involved. The content of this Method Statement reflects the finding of the relevant Risk Assessment(s).

2 Description of Work - Installation of Air conditioning systems with containment

- Installation of refrigerant pipework
- Installation of pipework and cabling
- Installation of condensers and indoor units

2a Description of Work

- Measure and install wall mounted units
- Install condensing unit on anti vibration feet
- Installation of refrigerant pipework
- Installation of interconnecting wiring
- Installation of condensate hoses
- Commissioning of system upon completion
- Check all works are carried out satisfactory.

1.1 Time

Site Working Hours: 8:00am – 5:00pm

1.2 Duration

In line with the Cool Air program

Phase No	Commencement Date	Location	Duration in weeks
1	TBD	Sandhurst house	1

All works will be supervised at every stage by a CAT competent qualified supervisor who will be responsible for the day-to-day supervision of CAT personnel and sub-contractors on site.

Ben Anderson – PM
Adrian Smith - Supervisor

Position: Director – Ben Anderson Benanderson@coolairtech.co.uk
07938542638
Air Conditioning Project Manager/ supervisor – Adrian Smith –
coolairtechltd@hotmail.co.uk
07876755074

1.3 Task Specific Sequence of Operations

- Measure and install wall mounted units
- Plant condensing units on anti vibration condenser feet
- Installation of refrigerant pipework
- Installation of interconnecting wiring
- Installation of condensate hoses from indoor unit to drain
- Pressure testing of systems
- Commissioning of system upon completion
- Check all works are carried out satisfactory.

2.5 safety control measures

- All working from height will be done off step ladders
- All personnel must be wearing 3 point PPE system comprising of gloves, safety boots and hi vis jacket
- When braising refrigerant pipework 5 point PPE will be worn and suitable fire extinguishing equipment present

2 Resources

Cool Air Tech will have around 2 guys on site for the project whilst refrigerant pipework and equipment is installed. This is not including senior management.

2.1 Plant and Equipment

- battery drills, hand tools and step ladders

All plant and equipment shall undergo appropriate maintenance/ service inspections. Portable Appliance Testing (PAT) Form shall also be completed.

2.2 Materials

- Consumables
- Refrigerant pipework
- Interconnecting wiring
- Braided hose
- Air conditioning units
- Mounting materials

Assessment of Significant Risks for all Tasks

2.3 Place of Work

2.4 Other Risks (i.e. the Public)

None.

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2.5 CoSHH, Noise, Manual Handling, etc.

RAMS will be adhered to always. Ear Protection worn when/as required. Safe Lifting of materials and plant within the person's capability.
CoSHH sheets for braising equipment supplied

2.6 Special Training

- SSSTS – Managers / Supervisors
- CSCS – All Operatives
- Trade Specific - PASMA; Manual Handling; IOSH working safely (inclusive of behavioural safety Module) if required. IPAF if required.

All Cool Air Tech on site personnel have current CSCS cards and the necessary trade specific training to carry out there working tasks safely and professionally. Also, Cool Air Tech operate a H&S work system which requires ALL personnel and its sub-contractors to comply with the Companies working ethos including prove of qualifications etc.

2.7 References to Environmental Aspects and Impacts Register control measures

Our works are not anticipated to impact upon the environment.

2.8 Hazard Signage

3 PPE (Mandatory)

1. Safety Boots - EN20345
2. High Visibility Vest - EN471
3. Gloves CE4131

PPE (Task Specific)

- Gloves for installation of indoor/outdoor units
- Safety eyewear for cutting of trunking
- Goggles and gloves for cutting metal/Braising

4 Emergency Arrangements

All accidents must be recorded in the site accident book and reported to RMIG and Cool Air Tech senior management team.

Emergency arrangements will be as SMC site permit to work. In the event of an emergency, incident or accident all employees must report it to, the Site manager of SMC management team along with Cool Air Tech senior management team.

The nearest Accident and Emergency Hospital Department Manchester royal infirmary oxford road M13 9WL

4.1 Welfare

Toilet facilities provided by Richard saleh

4.2 First Aid Requirements

No special first aid requirements are necessary, and the principal contractor will provide suitable first aid provision as per CDM regulations 2015. Information about this will be provided at induction. However, Cool Air Tech will also have first aid provision.

First aiders on site

Adrian Smith – Cool Air Tech

4.3 Rescue

In the event of an incident requiring emergency rescue, all operatives are reminded not to put themselves at risk of harm. Any incident occurring which requires emergency rescue must be judged on its individual risk conditions by the most senior person present.

If a safe rescue cannot be completed by those in attendance, the emergency services must be informed. Note that whoever informs the emergency services must relay as much information as possible about the incident and site conditions.

5 Responsibilities for Safety Control & Monitoring

Work activities will be monitored daily by site supervision and reviewed accordingly

5.1 Person Responsible

Cool Air Tech supervisors – Adrian Smith

5.2 Duties

Cool Air Tech Project Manager Adrian Smith will be responsible for overseeing the safe implementation of all Cool Air Tech works and as well as regular visits to site will provide on-going assistance and support to Cool Air Tech supervisor and Sub Contractors.

Safety inspections of Electrical Services on site activities and approve all safe systems of work if they need to change. To monitor work activities daily.

6 Environment Impacts

6.1 Waste Handling

All waste materials must be disposed of in the correct waste bins provided by Cool Air Tech. Exceptional care and attention must be taken regarding our environmental impact. If in doubt, ask. Full cooperation with principle contractor on any environmental issue must be stringently followed always in line with Cool Air Tech environmental policy.

Cool Air Tech will manage Waste Streams of COSHH Materials Dust & Smoke; General site dust & Drilling.

6.2 Dust

All dust must be kept to a minimum and where necessary suitable dust masks must be worn. Cool Air Tech doesn't anticipate generating any dust during their works. They must however be aware that associated contractors could generate dust that could affect their personal safety. Cool Air Tech will only generate dust whilst drilling and suitable protection will be worn, and consideration given to nearby trades.

6.3 Water

None of our working actions are anticipated to have any impact.

6.4 Fuel Oils

None of our working actions are anticipated to have any impact.

6.5 Risks of Environmental Contamination

None anticipated.

7 Briefing Arrangements

7.1 Person Responsible

Cool Air Tech Project Managers & Supervisors

7.2 Acknowledgement

See signatures below

8 Interfaces with Others

Ensure co-ordination with other trades always to ensure work areas remain safe for all.

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8.1 Checking, review and update

This method statement and any associated risk assessments must be reviewed on a weekly basis (or sooner if circumstances or legislation dictate) with RAMS Checklist, completed if there is significant change.

8.2 Change requirements

Legislation, work area, personnel, job specific needs. Or any matter that raises concern for personnel safety or the integrity of the project.

8.3 Confirmation of operatives briefing

The following operatives have read and understood this method statement and are approved to work to this method statement.

[illegible]