

1.7 REMOVAL OR DISMANTLING OF INSTALLED PLANT AND EQUIPMENT

Information provided by GAC, the Mechanical Services

Main Office Air Handling Unit

- 1) Isolate and disconnect power and controls
- 2) Isolate, drain down and disconnect frost coil from LPHW heating system
- 3) Disconnect from ductwork
- 4) Unbolt and break down into sections (if possible), lower to ground floor by utilising suitable lifting equipment

VRV Fan Coil Unit

- 1) Isolate and disconnect power and controls
- 2) Make internal inspection of unit
- 3) Evacuate & recover refrigerant gas
- 4) Disconnect refrigerant pipework
- 5) Disconnect from ductwork & Condensate drainage
- 6) Unbolt and lower to floor by utilising suitable lifting equipment

Hydrobox Air to Water Unit

- 1) Isolate and disconnect power and controls
- 2) Evacuate & recover refrigerant gas
- 3) Disconnect refrigerant pipework
- 4) Drain & Disconnect water pipework
- 5) Unbolt from floor, if unit is to be moved use suitable lifting equipment

External VRV Air Conditioning Condenser Unit

- 1) Isolate and disconnect power and controls
- 2) Evacuate & recover refrigerant gas
- 3) Disconnect refrigerant pipework
- 4) Unbolt from floor, if unit is to be moved use suitable lifting equipment

Toilet Extract Fan

- 1) Isolate and disconnect power and controls
- 2) Disconnect from ductwork
- 3) Unbolt and lower to floor by utilising suitable lifting equipment

LPHW Pressurisation Unit

- 1) Take precautions when dealing with pressure vessels
- 2) Isolate and disconnect power and controls
- 3) Isolate from mains water supply
- 4) Drain the water
- 5) Remove items from the plant room by utilising suitable lifting equipment.

Solar Hot Water Cylinder

- 1) Take precautions when dealing with pressure vessels
- 2) Isolate and disconnect power and controls
- 3) Drain system – Refer to manufacturers literature
- 4) Disconnect from water and drainage pipework
- 5) Disconnect from Solar heating pipework
- 6) Unbolt from floor, if unit is to be moved use suitable lifting equipment

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Rainwater Harvesting Combi Unit

- 1) Isolate and disconnect power and controls
- 2) Drain down mains cold water & rainwater supplies from system
- 3) Disconnect from water and drainage pipework

Unbolt from floor, if unit is to be moved use suitable lifting equipment.

Information provided by EBM, the Electrical Services

Every effort has been made during the design and installation stages of the electrical equipment to reduce the risks associated with dismantling, removal, and replacement of these electrical items.

Before any task commences that relates to the electrical system a full risk and method statement should be carried out to establish and identify the methods of working and highlight any risks that are associated with the given task. Control measures should then be put in place to reduce the identified risks.

Any works undertaken on Electrical systems should be undertaken only by an approved and qualified person.

Electrical Isolation must be completed by a qualified person before any of this work is undertaken.