Application No APP/26/00097

Address Harbour Court, 15 Langstone Road, Havant

Development Discharge of Conditions 9 of APP/25/00204

Air Source Heat Pump and Hot Water Cylinder Management and Maintenance Statement

This statement has been prepared in support of the discharge of the planning condition relating to the installation and ongoing management of the proposed air source heat pump and associated hot water cylinder.

The submitted technical information comprises:

- ERGA04-08DVA – Air Source Heat Pump Technical Data.
- Daikin Altherma Low Temperature Split – Hot Water Cylinder Technical Data (EHVH-UD6V).

The proposed system will be installed strictly in accordance with the manufacturer's installation instructions by a suitably qualified and competent installer.

Following commissioning, the system will be subject to a planned maintenance regime to ensure its continued efficient, safe and reliable operation. The maintenance arrangements will include:

- An annual service carried out by a suitably qualified heating engineer experienced in Daikin air source heat pump systems.
- Inspection and cleaning of the outdoor heat pump unit, including removal of debris from the air intake and discharge areas to maintain unrestricted airflow.
- Inspection of refrigerant pipework and associated components for signs of deterioration or damage.
- Verification of system operating pressures, temperatures and controls to ensure optimum performance.
- Inspection of electrical connections and safety devices.
- Inspection of the condensate drainage arrangements.
- Inspection of the domestic hot water cylinder, including all safety valves, expansion vessel and associated controls.
- Replacement of any worn or defective components in accordance with the manufacturer's recommendations.
- Servicing at more frequent intervals should this be recommended by the manufacturer or identified during routine inspections.

The homeowner (or future property owner) will be responsible for ensuring that the annual servicing regime is maintained throughout the life of the installation.

The proposed maintenance regime will ensure that the air source heat pump continues to operate efficiently, minimises noise generation, maximises energy efficiency and maintains compliance with the manufacturer's operational requirements.