

Appraisal form

Boilers and water heaters

From: _____ Telephone: _____
 Company: _____ Fax/e-mail: _____
 Address: _____ Job reference and location: _____

Fuel Natural Gas Oil LPG Wood Wood chips Wood pellets

Boiler

Boiler make: _____ No. of boilers: _____
 Model/Name: _____ Output each boiler: _____ kW
 Atmospheric (including 'modular') Input each boiler: _____ kW
 Forced draught Secondary-flue CO₂ content: _____ %
 Condensing Secondary-flue gas temperature: _____ °C
 Modular Boiler System (without draught hoods) Flue Spigot I.D. on boiler(s): _____ mm

Controls Boilers own Management system

Flue pipe and header

Length of header: _____ m Header I.D.: _____ mm
 Height of flue pipe(s): _____ m Insulation of header: _____ mm
 Flue pipe I.D.: _____ mm No. of bends: _____ 45° _____ 90° _____ other _____ Tees
 Flue/header wall: Metal (twin-wall) Metal (single wall)

Chimney/riser

Height: _____ m Chimney locations: _____ Inside _____ Outside
 Total length: _____ m Insulation of chimney: _____ mm
 Chimney I.D.: _____ mm No. of bends: _____ 45° _____ 90° _____ other _____ Tees

Flue wall Bare Brick Metal (twin-wall) Corrugated flexible liner
 Clay Liner Metal (single wall) Smooth-bore flexible liner

Is the angle of the roof: <25° 25°-40° >40°

Is the chimney more than 40 cm higher than the ridge of the roof? YES NO

Is the chimney closer than 20 km (12.5 mi) to the coast? YES NO

Is the chimney close to adjacent obstructions? YES NO

Adjacent obstructions are buildings, tall trees or mountains within a 15 m range, extending at a 30°+ horizontal angle and a 10°+ vertical angle from top of chimney.

Dimensioned sketch of installation with flue run must be included as attachment!

For office use only

Flue gas temp.: _____ °C Controller: _____

Air volume: _____ m Accessories: _____

Pressure loss: _____ Pa Calculated by: _____

Recommended fan: _____ Date: _____