



Engineer	P.Hepworth
Date	3 <sup>rd</sup> August 2105
Site Address	Grenfell Tower Grenfell Road London W11 1TQ

SAP Job Number	75019279
Functional Location	1389466
Appliance Serial Number	601815101427
Equipment Number	12272052
Firing Control Number	1434H3330

Boiler Manufacture	Hoval	Burner Manufacturer		Fuel	Natural Gas
Boiler Model	UltraGas	Model Type		Burner	Modulating
Rated kW Select	200	Serial Number		Work	Commission in-line with Hoval procedure
Production Year	2015	Specification Number			

**Please Take Special Note:**

The heating system water quality should satisfy the standards as detailed in the Hoval Technical and Installation Instruction Manual supplied with the appliance.

Measurements (Gas/Oil/Due Fuel).		High Flame Gas	Low Flame Gas	High Flame Oil	Low Flame Oil
CO2	%	8.65	8.69		
O2	%	5.7	5.7		
CO	PPM	5	1		
CO/CO2 Ratio	%	0.0001	0.0000		
NOx	mg/m <sup>3</sup>	43	43		
Flue Gas Temperature	°C	48.4	42.5		
Ambient Temperature	°C	20.7	21.1		
Efficiency Net	%	97.7	98.1		
Efficiency Gross	%	88.6	88.9		
Excess Air	%	37.6	36.9		
Gas Inlet Pressure	mbar	23.6	24.8		
Gas Head Pressure	mbar				
Gas Rate	Select				
Combustion Chamber Pressure	mbar				
Fan Static Air Pressure	mbar				
Flue Draft	mbar	-0.230	-0.566		
Fan Speed	RPM	3900	900		
Smoke	No				
Oil Pump Pressure	bar				
Oil Nozzle Size-Type	USG/ °/Pat				
Hours Run	Hours	0			
Number of Starts		3			

Appliance Safety Checks				
Safety Valve	3/4	Inch	Automatic Air Vent fitted	Yes
	3.2	bar		
Type of interlock control		Enable (VE1) & safety (B5)		
Thermostat Settings	Control °C		High Limit °C	95
	High/low °C		Modulating °C	80
Safety controls and interlocks tested			Yes	
Dry Run Check			Yes	
System Safety Checks				
Ventilation. (We assume that the ventilation takes in to account summer use, as required by the British Standards)				Yes
Is the fuel system satisfactory?				Yes
Does the appliance share the fuel supply?				Yes
Fuel system type				Main
Is the earth bond connected?				Yes
Type of flue System				Shared
Is the flue system/installation correct and functional?				Yes
Has a flue flow and/or spillage test been completed?				N/A
Is the smoke box trap fitted and piped to drain?				Yes
Is the flue terminal fitted in line with the Hoval instructions?				Yes
Findings				
Has the appliance been installed to the relevant standards and manufacturer's instructions?				Yes
Is the appliance safe to use?				Yes
If the appliance is not safe to use, how has it been classified?				N/A
Has a warning notice been raised and label attached to the appliance?				N/A
Has the appliance been disconnected from the fuel supply?				N/A
Is further work required?				No

## Comments:

Commission IAW Hoval Procedures. See Report for site specific details, defects and recommendations.