



Pre-commissioning Hot Water Boilers checklist

or site conditions dictate we cannot con	mnlete. Hoyal reserve the right to al	nort the visit and make	a charge for
revisiting the site to complete commiss	•	Jore the visit and make	a charge for
Name (person who filled in this form).			
Site Name			
Site Address			
Post Code			
Site contact			
Phone number			
E-Mail for reports to be sent			
Boiler Type			
Boiler ID No. (1200+ 6 digits): If Known			
Proposed date of visit if given:			
Company Name of Installer			
Gas Safe Company number if applicable. (Must be filled in).			
CHECKLIST		Checked	Date
Electrical work complete up to Hoval co	ontrol panel including any		
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The flue system fitted with the correct ID plate and is commissioned,	
certificates available for inspection	
All flue components fitted and sealed correctly including any drain off	
points being trapped and piped to drain.	
Flue manufacture sample points are fitted in the correct location and can	
be sealed on completion of works.	
Sufficient gas / oil available to meet the capacity of all available	
equipment at full output. Gas/oil line tightness/strength tested and	
purged in line with current regulations. All completed certificates to be	
shown to commissioning engineer.	
If Fitted, gas boosters interlocked to the boiler/burner in accordance	
with manufactures instructions. Please Note:- no interlocks	
commissioning will not take place.	
Sufficient lighting in boiler house fitted and working	
Plant room clear and safe environment to work in.	
Sufficient heat load to run boilers at part and full load for the duration of	
the commissioning period. (minimum of one hour at full output). This	
will be on both fuels if dual fuel burners are fitted.	
Sufficient wood pellets in bunker/hopper for the duration of the	
commissioning period (Biomass boilers)	
Spirals/Retarders fitted into boiler flue tubes	
Other manufacturers equipment has been installed and commissioned as	
necessary i.e. Pressure units, pumps and B.M.S	

Please Note:

The engineer will instruct the person(s) responsible for the day-to-day operation of the boiler(s) as part of the commissioning. If no-one is available at the time of commissioning the boilers will be set up and then switched off. Any further visits to site for training will be chargeable.

Hoval Service Engineers when commissioning will check the following:

The boiler is filled with water and vented. If required, the correct safety valve and AAV is fitted

The boiler is fitted with the correct condensate trap.

An independent pressurized system is operating correctly. Suppliers of the equipment should adjust their equipment during boiler commissioning.

Any dampers fitted in the flue system between the boiler and the flue, are set and locked in the correct position (Manual type damper), if electrically operated dampers, the correct interlocks operate to show the damper is open before allowing the boiler to fire.

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That the boilers/burners and boosters (where fitted), have been wired correctly in accordance with the manufactures wiring instructions. (a separate enable/0-10v control with a safety circuit must be installed), all interlocks are functioning.

Correct operation of the gas booster (if fitted). If run and standby units are fitted, the correct non-return valves are installed correctly

All gas boosters are installed with the correct anti-vibration kits mounts.

On oil burners that a filter and flexible oil supply pipe-line is fitted.

The boiler/burner has not been damaged in transit or during installation and that it is a suitable type for the fuel available on site. The nameplate on the burner indicates for which type of fuel it is designed. All damage will be noted.

Excessive space in the refractory opening around the burner has been sealed with the supplied ceramic material.

All items packed in transit are removed from combustion chamber.

Boiler controls thermostats are adjusted to suit system design flow temperature.

The limit and high/low stats are set in accordance with control details.

The boiler pressure relief valve setting is suitable for the system (the setting should be 0.7 bar above the system pressure).

The automatic air vent is fitted in the appropriate position.

Oil supply pressure and temperature is suitable.

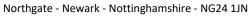
Commissioning is in accordance with burner makers requirements.

Controls are provided and stats are adjusted in line with temperature indicated on the boiler thermometer.

The boiler is fired at a rate allowing the door refractory to reach a uniform temperature through its thickness thereby preventing any damage.

Burner is adjusted to give optimum combustion, together with flame shape and penetration. The heating engineer will have the opportunity to receive instruction on the correct operation of the plant during Commissioning.

INSTALLER	PRINT
	SIGNED



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Hoval

GAS SAFE MANAGER (if gas installation)	PRINT
	SIGNED

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