Boiler Inspection Checklist

Maintenance

DATE	BOILER ID / LOCATION	MAKE / MODEL	TECHNICIAN
____ / ____ / _____			

OPERATING PARAMETERS

System pressure _____ bar

Flow temperature _____ °C

Return temperature _____ °C

Flue gas temperature _____ °C

Flame condition through sight glass ☐ Clean blue ☐ Yellow tipped ☐ Unstable ☐ N/A

Boiler firing without lockout ☐ OK ☐ Lockout occurred

SAFETY DEVICES

Pressure relief valve — not leaking ☐ OK ☐ Leaking ☐ Seized

Pressure relief valve discharge clear ☐ OK ☐ Blocked

Low water cut-off operational ☐ OK ☐ Issue ☐ N/A

High-limit thermostat functional ☐ OK ☐ Issue

Gas isolation valve accessible ☐ OK ☐ Obstructed

Flame detection system responding ☐ OK ☐ Issue

WATER TREATMENT & SYSTEM

Water treatment chemical levels ☐ Adequate ☐ Low — dose ☐ N/A

System pressure holding — no drops ☐ OK ☐ Pressure loss

Expansion vessel pre-charge correct ☐ OK ☐ Re-charge ☐ N/A

No visible leaks on pipework or valves ☐ OK ☐ Leak found

Circulation pumps running smoothly ☐ OK ☐ Noisy ☐ Not running

Strainer or filter cleaned ☐ OK ☐ Dirty — cleaned

FLUE & VENTILATION

Flue terminal clear of obstructions ☐ OK ☐ Obstructed

Flue joints — no signs of leakage ☐ OK ☐ Staining found

Condensate drain flowing freely ☐ OK ☐ Blocked ☐ N/A

Boiler room ventilation grilles clear ☐ OK ☐ Blocked

CO detector in boiler room working ☐ OK ☐ Issue ☐ N/A

No combustion products in boiler room ☐ OK ☐ Smell or signs

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BOILER ROOM HOUSEKEEPING

Boiler room clean and accessible ☐ OK ☐ Issue

No storage of combustible materials ☐ OK ☐ Items removed

Lighting adequate ☐ OK ☐ Issue

	OK	MISSING
Operating manual available	○	○
Last service record displayed	○	○

SIGN-OFF

Issues found

Next annual service due _____

Technician signature _____

Notes

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