Weekly maintenance log sheet

SZS D-type Water-tube Oil & Gas Boilers · YX-MAN-SZS-LOG · revision 1.0 · www.yxboiler.com

Plant: _____ **Model / serial:** _____ **Week starting:** ____ / ____ / _____

Shift: _____

DAILY TASK AND ACCEPTANCE	M	T	W	T	F	S	S
Drum level Gauge glass within ±10 mm of the transmitter; blow the glass until clear							
Pressure and temperature Within the section 5 band; within 5 °C of saturation							
Burner and gas train Flame stable; scanner signal ≥ 60% of commissioning value; gas 20–35 kPa							
Oxygen and stack temperature O2 3.0–3.5%; stack within 20 °C of baseline							
Soot blowers Rear bank and economiser blowers once per shift on oil, once per 8 h on gas above 80% load; steam 0.8–1.0 MPa							
Bottom blowdown 10–15 s; conductivity ≤ 4000 µS/cm (1.6 MPa) or 3000 µS/cm (2.5 MPa)							
Feed pump and deaerator Current within 10% of commissioning; deaerator 104 ± 2 °C; oxygen ≤ 0.05 mg/L							
Expansion indicators Reading within ±2 mm of the chart value for the drum temperature							
Leaks and casing No steam, water or gas leak; casing ≤ ambient plus 25 K							

Operator initials | Shift supervisor | Maintenance engineer

Mark each cell with a tick for done, × for not applicable and a note for any deviation. Any deviation from the acceptance value must be recorded in the plant log and escalated the same shift. Keep completed sheets for three years. This sheet follows section 6.1 of YX-MAN-SZS; the full manual is published at https://www.yxboiler.com/manuals/szs-watertube/.