

BOILER MODEL SURVEY DATA REQUEST (v1.0)

Hotwell				
Hotwell Capacity				
Make Up switch setting (eg 10% of volume)				
Hotwell Heater Type Coil or Direct Steam Injection?				
If Steam Injector Size eg 1/2" 3/4" 8 Bar steam or Spirax type INS?				
Saturated steam KG/hr from hotwell heater				
Target Feedwater Temperature (are logs available?)				
Feed TDS				
Make up Temperature				
Make up Hardness				
Make Up/Day in litres (are logs available?)				
Boiler				
	BOILER NO 1	BOILER NO 2	BOILER NO 3	BOILER NO 4
Number of boilers				
Steaming Rate Kg/per hour				
Boiler Capacity (Kg)				
Boiler operational pressure				
Fuel Type				
Calorific Value of Fuel (MJ/Kg or MJ/M3)				
Boiler Target TDS				
Number of operational days year				
Are Logs available of Steam output of boilers				
Boiler Efficiency %				
Side Blowdown control Manual or automatic?				
Side Blowdown Valve Kv or litres/minute				
Side Blowdown target TDS				
Bottom Blowdown Valve details or Kv				
Bottom Blowdown on time (seconds)				
Number of times/day bottom blowdown operated				
DOSING PUMPS CAPACITIES				
Oxygen Scavenger Dosing Pump Max Rate (Strokes Per Minute)				
Oxygen Pump Capacity (litres/hour)				
Condensate Dosing Pump Max Rate (Strokes Per Minute)				
Condensate Dosing Pump Capacity (litres/hour)				
Caustic Dosing Pump Max Rate (Strokes Per Minute)				
Caustic Dosing Pump Capacity (litres/hour)				
Hardness Control Dosing Pump Max Rate (Strokes Per Minute)				
Hardness Control Dosing Pump Capacity (Litres/hour)				
DOSING PUMP SETTINGS				
Typical Oxygen Pump Settings (Strokes Per Minute)				
Typical Oxygen Pump Settings Stroke Length (%)				
Typical Caustic Pump Settings (Strokes Per Minute)				
Typical Caustic Pump Settings Stroke Length (%)				
Typical Condensate Pump Settings (Strokes Per Minute)				
Typical Condensate Pump Settings Stroke Length (%)				
Typical Hardness Pump Settings (Strokes Per Minute)				
Typical Hardness Pump Settings Stroke Length (%)				
CHEMICALS - DATA FROM MSDS or SUPPLIER OR.....				
Oxygen Scavenger Type				
Caustic Concentration				
Hardness Control				
Condensate treatment details				