Aquastar™

Every drop is so precious!

Document Name	Data Collection Sheet - Boiler
Document #	202201004
Revision	R1
Date of Last Revision	17-Mar-22

For a quote complete the Data Collection Sheet – Boiler and email it back to info@aquastarengg.com

DATA COLLECTION SHEET- BOILER

Company Data

Name of the company					
Address					
Contact Person		Email			
Designation		Phone #		Fax#	

Boiler Operation Data

a)	No. of Boilers			
b)	Boiler Capacity			
c)	Working pressure (Kg/cm2)			
d)	Steam Production (MT/ day)			
e)	Condensate return (%)		Polisher Unit	☐ Yes ☐ No
f)	Boiler feed water quality		D.M. water / Soft water	
g)	Feed water Temperature			deg cel
h)	Frequency of Blow down (IBD)			8hrs / 24hrs
i)	Blown down Time			Sec./ min.
j)	C.B.D.			%
	Controlling Factor			
k)	Deaerator			☐ Yes ☐ No
	D.O. Level			
l)	Hold-up capacity			M^3

Present Treatment

Application	Product	Dosage	Qty / day	Feed Point
pH Booster				
Oxygen Scavenger				
Sludge Conditioner				
Other				

Present Problems

History of Boiler / Boiler Tube Failures

chembond®

DATA COLLECTION SHEET- BOILER

Present Water Quality

Parameter	Make-up Water (DM / Soft water)	Feed	Boiler Water	Condensate Return
pH				
Total Hardness				
P-Alkalinity				
M – Alkalinity				
Conductivity, micromhoS/cm				
TDS				
Silica				
Phosphate as PO4				
Sulfite as SO3				
Iron as 'Fe'				
Residual Hydrazine				
Chlorides				
Sodium (Na)				

Water Quality Recommended by Boiler Manufacturer

Parameter	Make-up Water (DM / Soft water)	Feed	Boiler Water	Condensate Return
pH				
Total Hardness				
P-Alkalinity				
M – Alkalinity				
Conductivity, micromhoS/cm				
TDS				
Silica				
Phosphate as PO4				
Sulfite as SO3				
Iron as 'Fe'				
Residual Hydrazine				
Chlorides				
Sodium (Na)				

A FLOW CHART SHOWING ALL IMPORTANT EQUIPMENTS, PRETRETAMENT METHODS, CONDNESATE TREATMENT METHODS, CHEMICAL DOSING POINTS, SAMPLE COLLECTION POINTS TO BE ATTACHED ON SEPARATE SHEET.