



CONSULTING SERVICE REPORT

CUSTOMER: TAFAWUQ FACILITIES MANAGEMENT	To: M/S TAFAWUQ FACILITIES MNGEMENT	DATE: 04-01-2020
SITE: AL NOOR TOWER	Copy: TAFAWUQ FM	LOCATION: CHILLER PLANT ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	PRIMARY TOWER A		
pH	9.0 - 10.5	10.32		
Conductivity, $\mu\text{s/cm}$	Max 3500	1764		
TDS, ppm	--	1146		
Alkalinity, ppm as CaCO_3	--			
Total Hardness, ppm as CaCO_3	--			
Calcium Hardness, ppm as CaCO_3	--			
Chloride, ppm as Cl^-	--			
Iron, ppm as Fe	0 - 2.0	0.38		

Treatment Residuals

Nitrite, ppm	> 800	810		
Suspended Solids				
Phosphate/Phosphonate				
Free Residual Chlorine as Cl	--			
Cynaunic Acid				

All test results expressed in parts per million (ppm) as CaCO_3 except pH and conductivity (μmhos).

COMMENTS:

ACTION:

The pH levels are satisfactory	⇒	No action recommended.
Dissolved iron levels are Satisfactory	⇒	No action recommended.
Corrosion Inhibitor levels are Satisfactory	⇒	No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Crystal 5547C			--	
Crystal 9040			--	
			--	

Service Engineer:

MURUGARAJ

Client:

M/S: TAFAWUQ

Signature :

P. Murugaraaj

Signature:

