



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 04-04-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-1

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.39
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1578
TDS, ppm	--	1025
Iron, ppm as Fe	0 - 2.0	0.12
Treatment Residuals		
Nitrite, ppm	> 800	870
Dipslide	<10 ³	ND

***All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are satisfactory \Rightarrow	No action recommended.

Reported By

P. M. Murugaraaj
Service Engineer





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CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 04-04-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-2

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	9.95
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1228
TDS, ppm	--	798
Iron, ppm as Fe	0 - 2.0	0.25
Treatment Residuals		
Nitrite, ppm	> 800	780
Dipslide	<10 ³	ND

***All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are slightly low \Rightarrow	Please maintain the Nitrite level above 800PPM

Reported By

P. M. Murugaraaj
Murugaraaj
Service Engineer





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CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 04-04-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-3

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	9.49
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1319
TDS, ppm	--	857
Iron, ppm as Fe	0 - 2.0	0.09
Treatment Residuals		
Nitrite, ppm	> 800	770
Dipslide	<10 ³	ND

***All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are slightly low \Rightarrow	Please maintain nitrite level above 800PPM

Reported By

P. M. Murugaraaj
Service Engineer





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CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 04-04-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-4

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.03
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	2026
TDS, ppm	--	1316
Iron, ppm as Fe	0 - 2.0	0.62
Treatment Residuals		
Nitrite, ppm	> 800	1300
Dipslide	<10 ³	ND

***All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are satisfactory \Rightarrow	No action recommended.

Reported By

P. M. Murugaraaj
Service Engineer

