



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 01-07-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-1

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	9.61
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1688
TDS, ppm	--	1097
Iron, ppm as Fe	0 - 2.0	0.06
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	830
Dipslide	<10 <sup>3</sup>	ND

\*\*\*All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity ( $\mu\text{mhos}$ ).

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

Murugaraaj  
Service Engineer



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CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 01-07-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-2

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	9.86
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1385
TDS, ppm	--	900
Iron, ppm as Fe	0 - 2.0	0.11
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	680
Dipslide	<10 <sup>3</sup>	ND

\*\*\*All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity ( $\mu\text{mhos}$ ).

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

Reported By

Murugaraaj  
Service Engineer



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## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 01-07-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-3

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.05
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1527
TDS, ppm	--	992
Iron, ppm as Fe	0 - 2.0	0.07
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	710
Dipslide	<10 <sup>3</sup>	ND

*\*\*\*All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity ( $\mu\text{mhos}$ ).*

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 low $\Rightarrow$	Please maintain nitrite level above 800PPM

Reported By

Murugaraaj  
Service Engineer



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## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 01-07-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-4

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.24
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1943
TDS, ppm	--	1262
Iron, ppm as Fe	0 - 2.0	0.18
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	980
Dipslide	<10 <sup>3</sup>	ND

\*\*\*All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity ( $\mu\text{mhos}$ ).

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

Reported By

Murugaraaj  
Service Engineer