



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 19-02-2020
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	1135
TDS, ppm	--	738
Iron, ppm as Fe	0 - 2.0	0.12
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	510
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 the Nitrite level above 800PPM

Reported By

P. Murugaraaj

Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



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## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 19-02-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-2

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.31
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1431
TDS, ppm	--	930
Iron, ppm as Fe	0 - 2.0	0.25
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	630
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 the Nitrite level above 800PPM

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## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 19-02-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-3

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	9.67
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1603
TDS, ppm	--	1041
Iron, ppm as Fe	0 - 2.0	0.22
<b>Treatment Residuals</b>		
Nitrite, ppm	> 800	690
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

P. Murugaraaj

Murugaraaj  
Service Engineer





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## CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 19-02-2020
SITE LOCATION: AAL RAYYANA, KALIFA CITY	SAMPLE POINT: ETS-4

### CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.49
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1682
TDS, ppm	--	1093
Iron, ppm as Fe	0 - 2.0	0.21
<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

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