



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	
Site Location: City of Lights	Date: 08-12-2020
Sample Point: Horizon Tower E1 building ETS Room (low zone)	Sampled By: Crystalline Rep

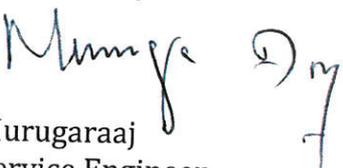
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	8.5 - 10.0	10.20
Conductivity, μ s/cm	<2250	2510
TDS, ppm	<1500	1631
Chlorides as Cl ⁻ , ppm	<150	130
Total Hardness, ppm	<100 ppm as CaCO ₃	58
Total Alkalinity, ppm	<250 ppm as CaCO ₃	90
Total Iron, ppm as Fe	<1.0 ppm as Fe ⁺⁺	0.06
Nitrite, ppm	800 - 1000 ppm as NaNO ₂	930

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

COMMENTS:	ACTION:
The pH level is slightly high.	Please maintained desired control limits.
Conductivity/TDS are high <input type="checkbox"/>	Please maintain the desired control limit.
Dissolved iron levels are control limits. <input type="checkbox"/>	No action recommended.
Nitrite levels are satisfactory. <input type="checkbox"/>	No action recommended.

Reported By


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	
Site Location: City of Lights	Date: 08-12-2020
Sample Point: Horizon Tower E1 building ETS Room (high zone)	Sampled By: Crystalline Rep

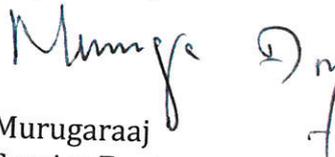
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	8.5 - 10.0	9.88
Conductivity, μ s/cm	<2250	1878
TDS, ppm	<1500	1220
Chlorides as Cl ⁻ , ppm	<150	145
Total Hardness, ppm	<100 ppm as CaCO ₃	56
Total Alkalinity, ppm	<250 ppm as CaCO ₃	96
Total Iron, ppm as Fe	<1.0 ppm as Fe ⁺⁺	0.11
Nitrite, ppm	800 - 1000 ppm as NaNO ₂	1050

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

COMMENTS:	ACTION:
The pH level is satisfactory	⇒ No action recommended.
Conductivity/TDS are satisfactory.	⇒ No action recommended.
Dissolved iron levels are satisfactory.	⇒ No action recommended.
Nitrite levels are high.	⇒ Please maintain the desired control limits.

Reported By


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	
Site Location: City of Lights	Date: 08-12-2020
Sample Point: Horizone Tower E2 building ETS Room	Sampled By: Crystalline Rep

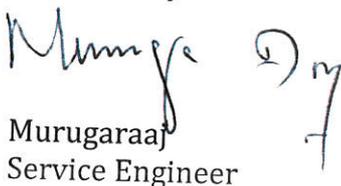
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	8.5 - 10.0	10.16
Conductivity, μ s/cm	<2250	1680
TDS, ppm	<1500	1092
Chlorides as Cl ⁻ , ppm	<150	150
Total Hardness, ppm	<100 ppm as CaCO ₃	70
Total Alkalinity, ppm	<250 ppm as CaCO ₃	112
Total Iron, ppm as Fe	<1.0 ppm as Fe ⁺⁺	0.09
Nitrite, ppm	800 - 1000 ppm as NaNO ₂	810

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

COMMENTS:	ACTION:
The pH level is slightly high.	⇒ Please maintained desired control limits.
Conductivity/TDS are found satisfactory.	⇒ No action recommended.
Dissolved iron levels are satisfactory.	⇒ No action recommended.
Nitrite levels are satisfactory.	⇒ No action recommended.

Reported By


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW