

WATER TANK CLEANING & DISINFECTION COMPLETION REPORT

FOR



Client : DALMA MALL.
Contact Person: Mr. Sobhi Alswerki
Assistant Manager.
Site Details : Dalma Mall, Mussaffah,
Abu Dhabi, UAE.
Date : 08 April 2018



CRYSTALLINE
ENVIRONMENTAL SERVICES

CRYSTALLINE ENVIRONMENTAL
SERVICES

P.O. BOX 131463, Abu Dhabi, U.A.E.

TEL: 02 6508930 FAX: 02 6508942

info@crystalline-uae.com

www.crystalline-uae.com





CRYSTALLINE ENVIRONMENTAL SERVICES

WATER TANK - AFTER SERVICE REPORT

12828

CUSTOMER: <u>Dalma wall</u>			CONTACT PERSON: <u>Mr. Samer</u>		
SITE DETAILS: <u>Dalma - wall shabia</u>			CONTACT NO: <u>0522594624</u>		
TANK DETAILS: <u>R.C.C tanks of</u>			LOCATION DETAILS: <u>Ground</u>		
TYPE OF BUILDING: <input type="checkbox"/> COMMERCIAL		<input type="checkbox"/> RESIDENTIAL		<input type="checkbox"/> OTHERS	
TYPE OF TANK					
<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> GRP PANEL	<input type="checkbox"/> FRP TANK	<input type="checkbox"/> GALVANIZED	<input type="checkbox"/> STEEL PANEL	<input type="checkbox"/> PLASTIC
<input type="checkbox"/> CONCRETE COATED		<input type="checkbox"/> POLYURETHANE		<input type="checkbox"/> OTHERS	
SIZE OF TANK			QUANTITY OF WATER		
M3	USG	L*B*H	<input type="checkbox"/> FULL	<input checked="" type="checkbox"/> HALF	<input type="checkbox"/> EMPTY
CONDITION OF WATER TANK BEFORE CLEANING			CONDITION OF WATER TANK AFTER CLEANING		
<input type="checkbox"/> CLEAN	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> VERY DIRTY	<input checked="" type="checkbox"/> CLEAN	<input type="checkbox"/> DIRTY	<input type="checkbox"/> VERY DIRTY
<input type="checkbox"/> BIOFILMS	<input type="checkbox"/> MOULDS	<input type="checkbox"/> SLIME	<input type="checkbox"/> BIOFILMS	<input type="checkbox"/> MOULDS	<input type="checkbox"/> SLIME
<input type="checkbox"/> SEDIMENTS	<input checked="" type="checkbox"/> MUD & SAND	<input type="checkbox"/> RUST	<input type="checkbox"/> SEDIMENTS	<input type="checkbox"/> MUD & SAND	<input type="checkbox"/> RUST
ACCESS		MANHOLE		<input type="checkbox"/> NA	
<input type="checkbox"/> COVERED		<input type="checkbox"/> DAMAGED		<input type="checkbox"/> NA	
LADDER IN		LADDER OUT		LEAKS	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
DRAIN LINE		VALVES		FLOAT VALVE	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TANK CLEANED		TANK DISINFECTED		PIPES DISINFECTED	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	
LAST CLEANING DATE		CURRENT CLEANING DATE		NEXT CLEANING DATE	
		<u>18/03/2018</u>		<u>18/09/2018</u>	
CHEMICALS & EQUIPMENTS USED					
1. <u>Carbo bio plus</u> Quantity <u>2.5 liter</u>					
2. _____ Quantity _____					
<input checked="" type="checkbox"/> Submersibel Pump <input checked="" type="checkbox"/> High/Low Pressure Jet <input checked="" type="checkbox"/> Extension Cords <input checked="" type="checkbox"/> LED lights <input checked="" type="checkbox"/> Foot Bath <input checked="" type="checkbox"/> Ladder <input checked="" type="checkbox"/> Ventilating Fan <input checked="" type="checkbox"/> Suction/Discharge Hoses <input checked="" type="checkbox"/> Oxygen Meter <input checked="" type="checkbox"/> Vacuum Cleaner <input checked="" type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<u>Mentioned tanks are cleaned & disinfected</u>					
Crystalline Representative: <u>Yalshah</u>			Signature: <u>[Signature]</u>		



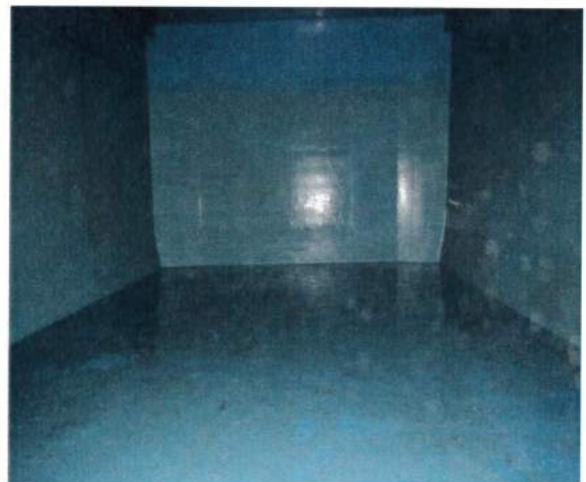
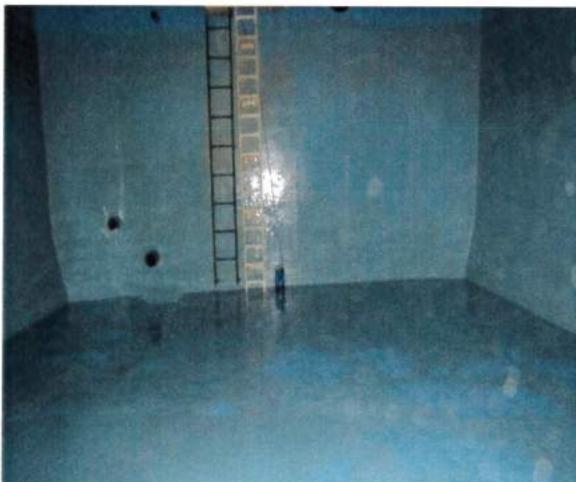
Date of Cleaning: 18-03-2018

PHOTOGRAPHS
GROUND LEVEL RCC WATER TANK - 01

BEFORE



AFTER



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER TANK - AFTER SERVICE REPORT

12837

CUSTOMER: <u>Dalwa mall</u>			CONTACT PERSON: <u>Mr. Sameer</u>		
SITE DETAILS: <u>Dalwa-Shabia</u>			CONTACT NO: <u>0522594624</u>		
TANK DETAILS: <u>R.C.C tanks 02</u>			LOCATION DETAILS: <u>Ground level</u>		
TYPE OF BUILDING: <input type="checkbox"/> COMMERCIAL		<input type="checkbox"/> RESIDENTIAL		<input type="checkbox"/> OTHERS	
TYPE OF TANK					
<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> GRP PANEL	<input type="checkbox"/> FRP TANK	<input type="checkbox"/> GALVANIZED	<input type="checkbox"/> STEEL PANEL	<input type="checkbox"/> PLASTIC
<input type="checkbox"/> CONCRETE COATED		<input type="checkbox"/> POLYURETHANE		<input type="checkbox"/> OTHERS	
SIZE OF TANK			QUANTITY OF WATER		
M3	USG	L*B*H	<input type="checkbox"/> FULL	<input type="checkbox"/> HALF	<input checked="" type="checkbox"/> EMPTY
CONDITION OF WATER TANK BEFORE CLEANING			CONDITION OF WATER TANK AFTER CLEANING		
<input type="checkbox"/> CLEAN	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> VERY DIRTY	<input checked="" type="checkbox"/> CLEAN	<input type="checkbox"/> DIRTY	<input type="checkbox"/> VERY DIRTY
<input type="checkbox"/> BIOFILMS	<input type="checkbox"/> MOULDS	<input type="checkbox"/> SLIME	<input type="checkbox"/> BIOFILMS	<input type="checkbox"/> MOULDS	<input type="checkbox"/> SLIME
<input type="checkbox"/> SEDIMENTS	<input checked="" type="checkbox"/> MUD & SAND	<input type="checkbox"/> RUST	<input type="checkbox"/> SEDIMENTS	<input type="checkbox"/> MUD & SAND	<input type="checkbox"/> RUST
ACCESS		MANHOLE		<input type="checkbox"/> COVERED	
<input type="checkbox"/> DAMAGED		<input type="checkbox"/> NA			
LADDER IN		LADDER OUT		LEAKS	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
DRAIN LINE		VALVES		FLOAT VALVE	
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TANK CLEANED		TANK DISINFECTED		PIPES DISINFECTED	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
LAST CLEANING DATE		CURRENT CLEANING DATE		NEXT CLEANING DATE	
		<u>21/03/2018</u>		<u>21/09/2018</u>	
CHEMICALS & EQUIPMENTS USED					
1. <u>Caubo bio plus</u> Quantity <u>2.5 liter</u>					
2. _____ Quantity _____					
<input checked="" type="checkbox"/> Submersible Pump <input type="checkbox"/> High/Low Pressure Jet <input type="checkbox"/> Extension Cords <input type="checkbox"/> LED lights <input checked="" type="checkbox"/> Foot Bath <input checked="" type="checkbox"/> Ladder <input checked="" type="checkbox"/> Ventilating Fan <input checked="" type="checkbox"/> Suction/Discharge Hoses <input type="checkbox"/> Oxygen Meter <input type="checkbox"/> Vacuum Cleaner <input type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<u>Mentioned tanks are cleaned & disinfected</u>					
Crystalline Representative: <u>Yathesh</u>			Signature: <u>[Signature]</u>		



CRYSTALLINE
ENVIRONMENTAL SERVICES

Date of Cleaning: 21-03-2018

PHOTOGRAPHS
GROUND LEVEL RCC WATER TANK - 02

BEFORE



AFTER



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER TANK - AFTER SERVICE REPORT

12845

CUSTOMER: <u>Dalma wall</u>			CONTACT PERSON: <u>Mr. Sameer</u>		
SITE DETAILS: <u>Dalma bldg shabia</u>			CONTACT NO: <u>0522594624</u>		
TANK DETAILS: <u>R.C.C. tanks 03</u>			LOCATION DETAILS: <u>Ground level</u>		
TYPE OF BUILDING: <input type="checkbox"/> COMMERCIAL		<input type="checkbox"/> RESIDENTIAL		<input type="checkbox"/> OTHERS	
TYPE OF TANK					
<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> GRP PANEL	<input type="checkbox"/> FRP TANK	<input type="checkbox"/> GALVANIZED	<input type="checkbox"/> STEEL PANEL	<input type="checkbox"/> PLASTIC
<input type="checkbox"/> CONCRETE COATED		<input type="checkbox"/> POLYURETHANE	<input type="checkbox"/> OTHERS		
SIZE OF TANK			QUANTITY OF WATER		
M3	USG	L*B*H	<input type="checkbox"/> FULL	<input type="checkbox"/> HALF	<input checked="" type="checkbox"/> EMPTY
CONDITION OF WATER TANK BEFORE CLEANING			CONDITION OF WATER TANK AFTER CLEANING		
<input type="checkbox"/> CLEAN	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> VERY DIRTY	<input checked="" type="checkbox"/> CLEAN	<input type="checkbox"/> DIRTY	<input type="checkbox"/> VERY DIRTY
<input type="checkbox"/> BIOFILMS	<input type="checkbox"/> MOULDS	<input type="checkbox"/> SLIME	<input type="checkbox"/> BIOFILMS	<input type="checkbox"/> MOULDS	<input type="checkbox"/> SLIME
<input type="checkbox"/> SEDIMENTS	<input checked="" type="checkbox"/> MUD & SAND	<input type="checkbox"/> RUST	<input type="checkbox"/> SEDIMENTS	<input type="checkbox"/> MUD & SAND	<input type="checkbox"/> RUST
ACCESS		MANHOLE		<input type="checkbox"/> COVERED	<input type="checkbox"/> DAMAGED
<input type="checkbox"/> NA					
LADDER IN		LADDER OUT		LEAKS	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
DRAIN LINE		VALVES		FLOAT VALVE	
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TANK CLEANED		TANK DISINFECTED		PIPES DISINFECTED	
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input type="checkbox"/> NO
LAST CLEANING DATE		CURRENT CLEANING DATE		NEXT CLEANING DATE	
		<u>05/03/2018</u>		<u>05/09/2018</u>	
CHEMICALS & EQUIPMENTS USED					
1. <u>Cauro bio plus</u> Quantity <u>2.5 liter</u>					
2. _____ Quantity _____					
<input checked="" type="checkbox"/> Submersibel Pump <input checked="" type="checkbox"/> High/Low Pressure Jet <input type="checkbox"/> Extension Cords <input type="checkbox"/> LED lights <input checked="" type="checkbox"/> Foot Bath <input type="checkbox"/> Ladder <input checked="" type="checkbox"/> Ventilating Fan <input type="checkbox"/> Suction/Discharge Hoses <input type="checkbox"/> Oxygen Meter <input type="checkbox"/> Vacuum Cleaner <input type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<u>Mentioned tanks are cleaned & disinfected</u>					
Crystalline Representative: <u>Yathreb</u>			Signature: <u>[Signature]</u>		



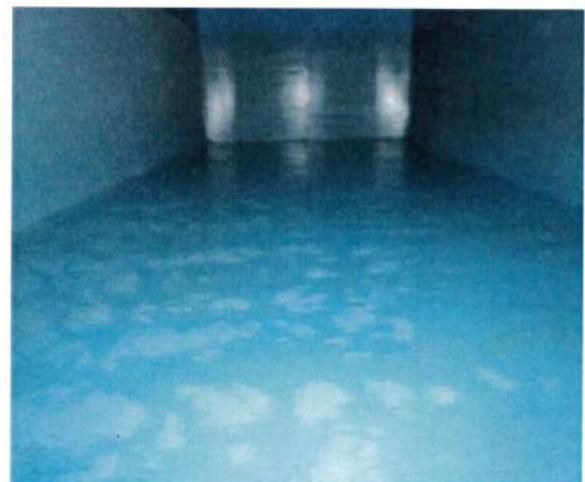
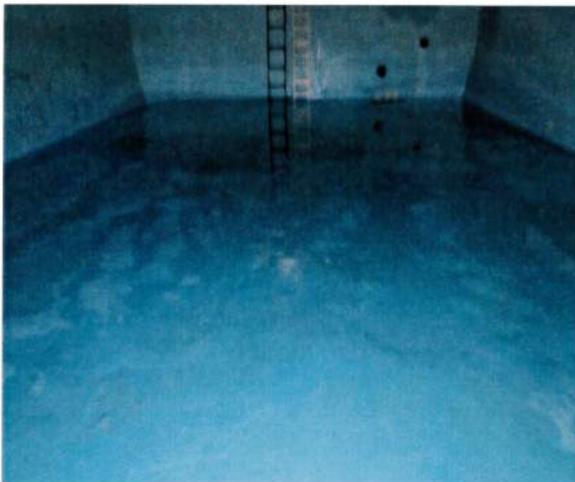
Date of Cleaning: 25-03-2018

PHOTOGRAPHS
GROUND LEVEL RCC WATER TANK - 03

BEFORE



AFTER



TEST REPORT

REPORT NO:-QMTL/R-30332

CLIENT:CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID : QMTL/S-30332
Reference: DALMA MALL	Sampled By: Client Representative	Date Received : 28.03.2018
Sample Description : Water Tank#1	Source: Tank	Date(s) Tested : 28-30.03.2018
	Sample Container: 1X 500ml PB	Date Reported : 31.03.2018
Sample Onsite Temp: NA	Sample Appearance: Clear	Date of Sampling: NA
Sample Receipt Temp: 23°C		
On-Site Treatment: NA	Tested by Emp#: 14 & 29	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 22 ND EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 G	CFU/100ml	Zero	Zero

REMARKS: The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Report prepared by Emp#: 43
Test Method deviation : None
The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER

The test Report shall not be reproduced (except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is only to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice.

END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-30333

CLIENT:CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID : QMTL/S-30333
Reference: DALMA MALL	Sampled By: Client Representative	Date Received : 28.03.2018
Sample Description : Water Tank#2	Source: Tank	Date(s) Tested : 28-30.03.2018
	Sample Container: 1X 500ml PB	Date Reported : 31.03.2018
Sample Onsite Temp: NA	Sample Appearance: Clear	Date of Sampling: NA
Sample Receipt Temp: 23°C		
On-Site Treatment: NA	Tested by Emp#: 14 & 29	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 22 ND EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 G	CFU/100ml	Zero	Zero

REMARKS: The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Report prepared by Emp#: 43
 Test Method deviation : None
 The above test results are only applicable to the sample(s) referred above

Reported By



P.O. Box : 9035
 Abu Dhabi - U.A.E.

ANITA GEORGE
 LABORATORY MANAGER

The test Report shall not be reproduced (except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is only to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice.

END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-30334

CLIENT:CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID : QMTL/S-30334
Reference: DALMA MALL	Sampled By: Client Representative	Date Received : 28.03.2018
Sample Description : Water Tank#3	Source: Tank	Date(s) Tested : 28-30.03.2018
	Sample Container: 1X 500ml PB	Date Reported : 31.03.2018
Sample Onsite Temp: NA	Sample Appearance: Clear	Date of Sampling: NA
Sample Receipt Temp: 23°C		
On-Site Treatment: NA	Tested by Emp#: 14 & 29	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 22 ND EDITION)	UNITS	SPECIFICATION	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	5
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 G	CFU/100ml	Zero	Zero

REMARKS: The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Report prepared by Emp#: 43
Test Method deviation : None
The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER

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END OF REPORT

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

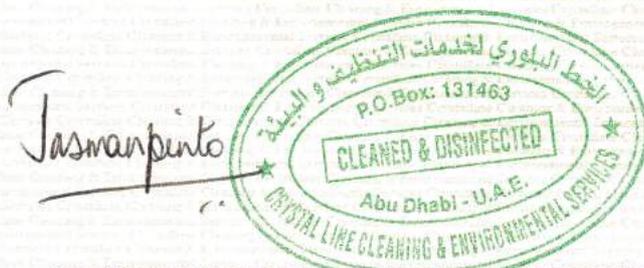
CLEANING & DISINFECTION CERTIFICATE

POTABLE WATER TANKS

CLIENT NAME : DALMA MALL.
CLIENT ADDRESS : P.O. BOX 91122, MUSSAFAH, ABU DHABI.
CONTACT PERSON : MR. SOBHI ALSERKI.
SITE DETAILS : DALMA MALL, MUSSAFAH, ABU DHABI, UAE.
DETAILS : WATER TANK CLEANING
DATE OF CLEANING : MARCH 2018
FREQUENCY OF CLEANING : EVERY SIX MONTHS
DATE OF NEXT CLEANING : SEPTEMBER 2018

The procedures employed in this cleaning and disinfection comply with HS (G) 70 health and safety guidelines for prevention of legionella as well as BS6700 and CARELA BIO PLUS method statement.

The entire water storage tank should be cleaned and disinfected minimum every six (6) months depending upon the condition.



CRYSTALLINE CLEANING AND ENVIRONMENTAL SERVICES