

WATER TANK CLEANING
&
DISINFECTION
COMPLETION REPORT

FOR



Client : EFS Facilities Management Services.
Contact Person: Mr. Vasanth Yogesh
Supervisor - HVAC
Site Details : Etihad Airways Innovation Center
Abu Dhabi, UAE.
Date : 17 September 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

20108

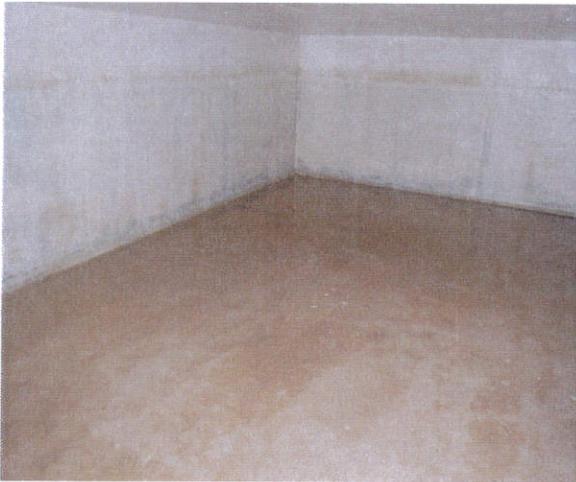
CUSTOMER: <i>Etihad-f.m</i>			CONTACT PERSON: <i>vasanth</i>		
SITE DETAILS: <i>Etihad Innovation Center</i>			CONTACT NO: <i>054-5840503</i>		
TANK DETAILS: <i>concrete water Tank-1</i>			LOCATION DETAILS: <i>ground floor Abu Dhabi</i>		
TYPE OF BUILDING: <input checked="" type="checkbox"/> COMMERCIAL <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 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	DRAIN LINE	VALVES	FLOAT VALVE
<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	<input checked="" type="checkbox"/> YES <input 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	
		<i>08-09-2018</i>		<i>08-03-2019</i>	
CHEMICALS & EQUIPMENTS USED					
1. <i>carela bio 8 plus</i> Quantity <i>500-cc</i>					
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 Mater <input checked="" type="checkbox"/> Vacuum Cleaner <input checked="" type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<i>Tank cleaned & disinfected</i>					
Crystalline Representative: <i>Bishal Rai</i>			Signature: <i>Bishal Rai</i>		



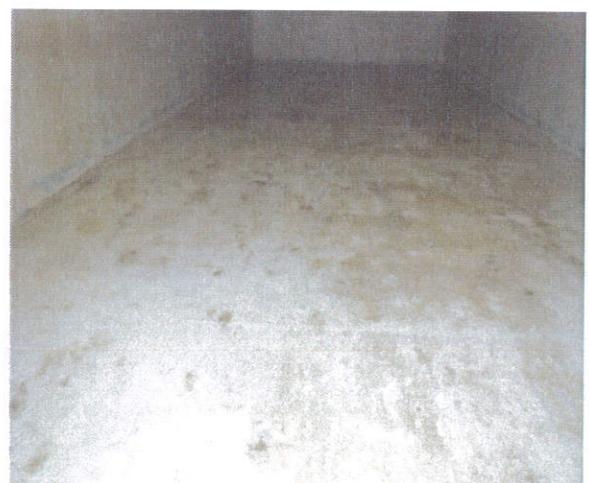
Date of Cleaning: 08-09-2018

PHOTOGRAPHS
GROUND LEVEL RCC WATER TANK -01

BEFORE



AFTER





CRYSTALLINE ENVIRONMENTAL SERVICES

WATER TANK - AFTER SERVICE REPORT

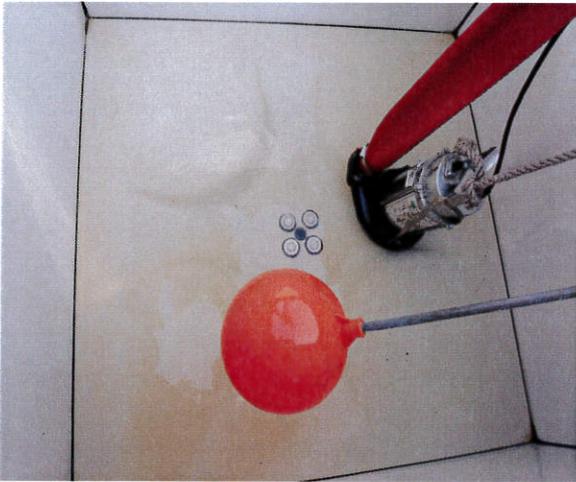
20111

CUSTOMER: <i>Etihad-f-m</i>			CONTACT PERSON: <i>vasanth</i>		
SITE DETAILS: <i>Etihad Innovation center</i>			CONTACT NO: <i>054-5840503</i>		
TANK DETAILS: <i>Gr. R. P. water Tank-1</i>			LOCATION DETAILS: <i>Roof Top Abu Dhabi</i>		
TYPE OF BUILDING: <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHERS					
TYPE OF TANK					
<input type="checkbox"/> CONCRETE	<input checked="" 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 checked="" type="checkbox"/> FULL	<input 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 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	DRAIN LINE	VALVES	FLOAT VALVE
<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	<input checked="" type="checkbox"/> YES <input 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	
		<i>08-09-2018</i>		<i>08-03-2019</i>	
CHEMICALS & EQUIPMENTS USED					
1. <i>carela bio & plus</i> Quantity <i>300-cc</i>					
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 Mater <input checked="" type="checkbox"/> Vacuum Cleaner <input checked="" type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<i>Tank cleaned & disinfected</i>					
Crystalline Representative: <i>Bishal Rai</i>			Signature: <i>[Signature]</i>		

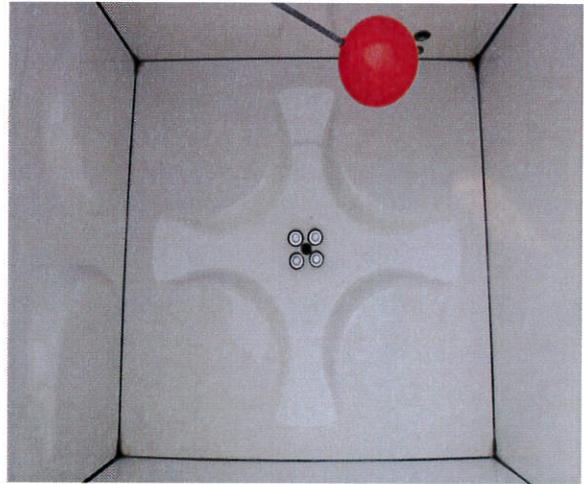
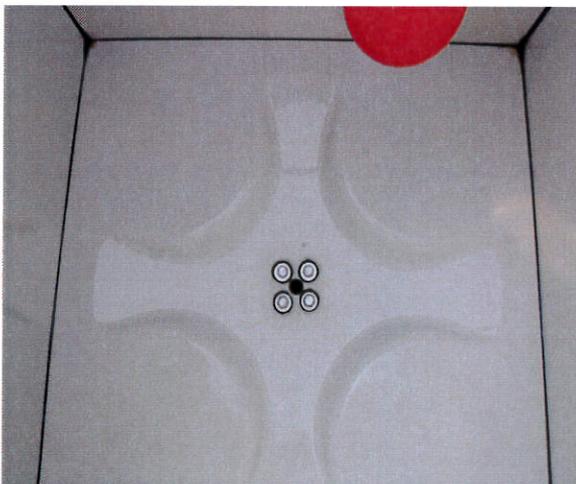
Date of Cleaning: 08-09-2018

PHOTOGRAPHS
ROOF TOP GRP WATER TANK -01

BEFORE



AFTER





CRYSTALLINE ENVIRONMENTAL SERVICES

WATER TANK - AFTER SERVICE REPORT

20109

CUSTOMER: <i>Etihad-f-m</i>			CONTACT PERSON: <i>vasanth</i>		
SITE DETAILS: <i>Etihad Innovation-center</i>			CONTACT NO: <i>054-5840503</i>		
TANK DETAILS: <i>polyurethane water Tank-1</i>			LOCATION DETAILS: <i>Roof-Top Abudhabi</i>		
TYPE OF BUILDING: <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHERS					
TYPE OF TANK					
<input 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 checked="" 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 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	DRAIN LINE	VALVES	FLOAT VALVE
<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	<input checked="" type="checkbox"/> YES <input 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	
		<i>08-09-2018</i>		<i>08-03-2019</i>	
CHEMICALS & EQUIPMENTS USED					
1. <i>carela bio 8 plus</i> Quantity <i>300-cc</i>					
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 Mater <input checked="" type="checkbox"/> Vacuum Cleaner <input checked="" type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<i>Tank cleaned & disinfected</i>					
Crystalline Representative: <i>Bishal Rai</i>			Signature: <i>Bu</i>		



CRYSTALLINE
ENVIRONMENTAL SERVICES

Date of Cleaning: 08-09-2018

PHOTOGRAPHS
ROOF TOP SINTEX WATER TANK – 01

BEFORE



AFTER



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER TANK - AFTER SERVICE REPORT

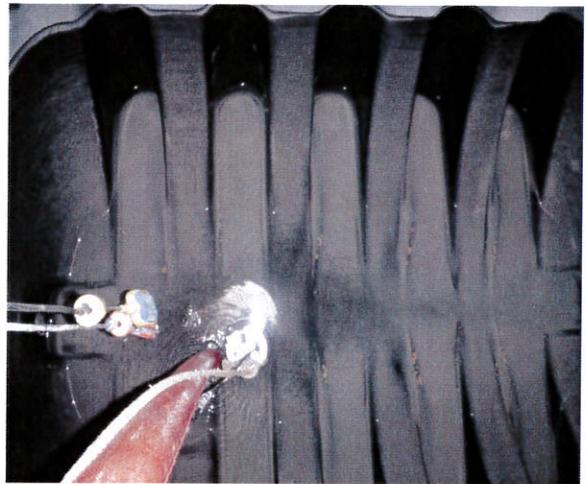
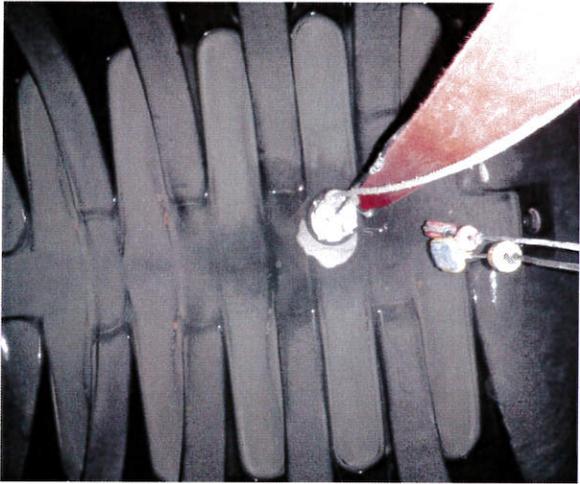
20110

CUSTOMER: <i>Etihad-f-m</i>			CONTACT PERSON: <i>Vasanth</i>		
SITE DETAILS: <i>Etihad Innovation Center</i>			CONTACT NO: <i>054-5840503</i>		
TANK DETAILS: <i>polyurethane water Tank-2</i>			LOCATION DETAILS: <i>Roof Top Abu Dhabi</i>		
TYPE OF BUILDING: <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHERS					
TYPE OF TANK					
<input 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 checked="" 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 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	DRAIN LINE	VALVES	FLOAT VALVE
<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	<input checked="" type="checkbox"/> YES <input 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	
		<i>08-09-2018</i>		<i>08-03-2019</i>	
CHEMICALS & EQUIPMENTS USED					
1. <i>carola bio 8 plus</i> Quantity <i>300-cc</i>					
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 Mater <input checked="" type="checkbox"/> Vacuum Cleaner <input checked="" type="checkbox"/> Cleaning Materials					
COMMENTS & RECOMMENDATIONS:					
<i>Tank cleaned & disinfected</i>					
Crystalline Representative: <i>Bishal Rai</i>			Signature: <i>[Signature]</i>		

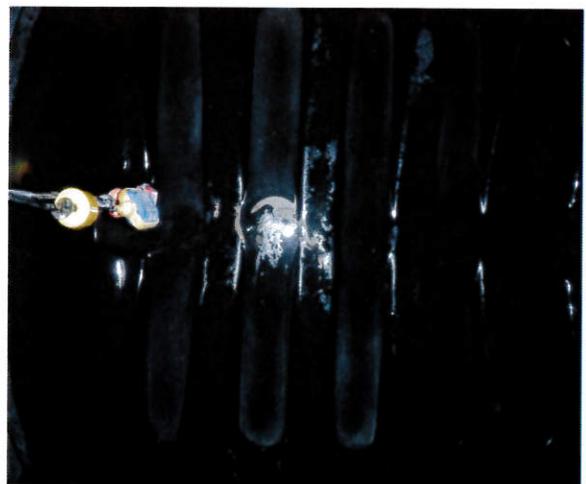
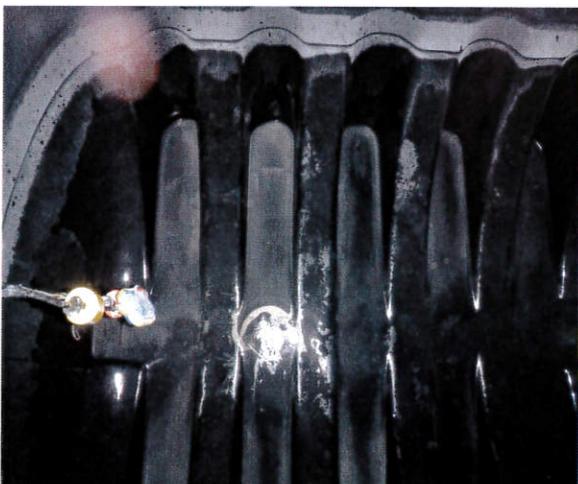
Date of Cleaning: 08-09-2018

PHOTOGRAPHS
ROOF TOP SINTEX WATER TANK – 02

BEFORE



AFTER



CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CLEANING & DISINFECTION CERTIFICATE

POTABLE WATER TANKS

CLIENT NAME : EFS FACILITIES MANAGEMENT SERVICES.
CLIENT ADDRESS : P.O. BOX: 73092, ABU DHABI, UAE.
CONTACT PERSON : MR. VASANTH YOGESH.
SITE DETAILS : ETIHAD AIRWAYS INNOVATION CENTER,
ABU DHABI, UAE.
DETAILS : WATER TANK CLEANING
DATE OF CLEANING : 08 SEPTEMBER 2018
FREQUENCY OF CLEANING : EVERY SIX MONTHS
DATE OF NEXT CLEANING : 08 MARCH 2019

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