



Accreditation Scope

Tribocare FZC, NAL 193
Testing Laboratory, (ISO/IEC 17025:2017)
A2-074 SAIF ZONE, SHARJAH, Sharjah, United Arab Emirates

Issue Date: 14/12/2023

Expiry Date: 13/12/2026

Issue No: 1

Testing Field	Materials/ Products Tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Potable water	pH at 25°C	APHA 4500-H+ B, 24th Edition 2023	P
Chemical	Potable water	Conductivity at 25°C ($\mu\text{S}/\text{cm}$)	APHA 2510B, 24th Edition 2023	P
Chemical	Potable water	Turbidity(NTU)	APHA 2130B, 24th Edition 2023	P
Chemical	Potable water	Hardness (EDTA) mg CaCO_3/L	APHA 2340C, 24th Edition 2023	P
Chemical	Potable water	Total chlorine mg/L	APHA 4500-CL G, 24th Edition 2023	P
Chemical	Potable water	Total Metals($\mu\text{g}/\text{L}$): Cadmium (Cd), Copper (Cu), Iron (Fe), Lead (Pb), Nickel (Ni), Zinc (Zn)	EPA 200.8, 1994 Rev 5.4	P
Chemical	Ballast water	pH at 25°C	APHA 4500-H+ B, 24th Edition 2023	P
Chemical	Ballast water	Total chlorine mg/L	APHA 4500-CL G, 24th Edition 2023	P

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Chemical	Ballast water	Oxyhalides ($\mu\text{g/L}$): Chlorite (ClO_2) Chlorate (ClO_3) Bromate (BrO_3)	EPA 300.1, 1997, Rev 1.0	P
Chemical	Ballast water	Trihalomethanes ($\mu\text{g/L}$) Chloroform Bromodichloromethane Dibromochloromethane Bromoform	EPA 8260D, June 2018, Rev 4.0	P
Chemical	Ballast water	Haloacetic acids ($\mu\text{g/L}$) Monochloroacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Monobromoacetic Acid, Dibromoacetic Acid	EPA 552.3, July 2003, Rev 1.0	P
Chemical	Scrubber water	pH at 25°C	APHA 4500-H+ B, 24th Edition 2023	P
Chemical	Scrubber water	Anions mg/L: Nitrite-N Nitrate-N	EPA 353.2, August 1993, Rev 2.0	P
Chemical	Scrubber water	Total Metals ($\mu\text{g/L}$) Arsenic (As), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Nickel (Ni), Selenium (Se), Vanadium (V), Zinc (Zn)	EPA 200.8, 1994, Rev 5.4	P

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Chemical	Scrubber water	Dissolved Metals (µg/L) Arsenic (As), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Nickel (Ni), Selenium (Se), Vanadium (V), Zinc (Zn)	EPA 200.8, 1994, Rev 5.4	P
Chemical	Scrubber water	Polyaromatic Hydrocarbons-PAH (µg/L) Naphthalene Acenaphthylene Acenaphthene Fluorene Anthracene Phenanthrene Fluoranthene Pyrene Benz[a]anthracene Chrysene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[ghi]perylene	EPA 8270E, June 2018 Rev 6.0 and TC/SOP 81 Rev 01 Effective date 19/04/2023 for extraction	P
Chemical	Scrubber water	Hydrocarbon oil index, mg/L	ISO 9377-2:2000, Reconfirmed 2016 and TC/SOP 83 Rev 01 Effective date 19/04/2023 for extraction	P

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Chemical	Waste water	pH at 25°C	APHA 4500-H+ B, 24th Edition 2023	P
Chemical	Waste water	Total chlorine mg/L	APHA 4500-CL G, 24th Edition 2023	P
Chemical	Waste water	Total Suspended Solids mg/L	APHA 2540D, 24th Edition 2023	P
Chemical	Waste water	Chemical oxygen Demand mg/L	APHA 5220D, 24th Edition 2023	P
Chemical	Waste water	Biochemical Oxygen demand (5day BOD Test) mg/L	APHA 5210B, 24th Edition 2023	P
Microbiological	Potable water	Heterotrophic Plate Count @ 35°C using IDEXX SimPlate MPN/100ml	APHA 9215E, 24th Edition 2023	P
Microbiological	Potable water	Heterotrophic Plate Count @ 20°C using IDEXX Easy Disc, CFU/ml	APHA 9215B, 24th Edition 2023	P
Microbiological	Potable water	Total Coliforms, MPN/100ml	APHA 9223B (using IDEXX Colilert-18)- 24th Edition 2023	P
Microbiological	Potable water	E. Coli, MPN/100ml	APHA 9223B (using IDEXX Colilert-18)- 24th Edition 2023	P

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Microbiological	Potable water	Enterococcus sp., MPN/100ml	APHA 9230D (using IDEXX Enterolert) - 24th Edition 2023	P
Microbiological	Potable water,	Legionella pneumophila, MPN/100ml	ASTM 8429:21 (using IDEXX Legiolert)	P
Microbiological	Ballast water	Heterotrophic Plate Count @ 35°C using IDEXX SimPlate, MPN/ml	APHA 9215E, 24th Edition 2023	P
Microbiological	Ballast water	E. Coli, MPN/100ml	APHA 9223B (using IDEXX Colilert-18)- 24th Edition 2023	P
Microbiological	Ballast water	Enterococci, MPN/100ml	APHA 9230D (using IDEXX Enterolert) - 24th Edition 2023	P
Microbiological	Wastewater	E. Coli, MPN/100ml	APHA 9223B (using IDEXX Colilert-18)- 24th Edition 2023	P
END				

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