



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

MUHARRAQ WASTEWATER SERVICES COMPANY WLL

BUILDING #200, ROAD #13, BLOCK #115
HIDD, 10894, BAHRAIN

Testing Laboratory TL-695

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 13, 2024



A handwritten signature in black ink, reading "Raj Nathan".

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

MUHARRAQ WASTEWATER SERVICES COMPANY WLL

www.muharraqstp.com

Contact Name Mr. Binu Mathew

Contact Phone +973-38853379

Accredited to ISO/IEC 17025:2017

Effective Date May 13, 2024

EPA 413.2	Analysis of oil and grease by IR spectrometry
EPA 418.1-ASTM D 7066	Analysis of total petroleum hydrocarbon
HACH 8021/8167	Analysis of chlorine, DPD method
HACH 8028	Analysis of surfactants, anionic (detergents), crystal violet method
HACH 8038	Analysis of nitrogen-ammonia (Nessler's method)
HACH 80474	Analysis of phenols, 4-aminoantipyrine method
HACH 8051	Analysis of sulfate, SulfaVer® 4 method
HACH 8131	Analysis of hydrogen sulphide by HACH (methylene blue method)
HACH 8178	Analysis of phosphorous, reactive (orthophosphate), amino acid method
HACH 10029 m-ColiBlue24	Analysis of total and e-coli form
HACH 10360	Analysis of dissolved oxygen
HACH LCK 114/314/514	Analysis of chemical oxygen demand
HACH LCK 338/138	Analysis of total nitrogen
HACH LCK 340/8039	Analysis of nitrate nitrogen
HACH LCK 341/8507	Analysis of nitrite nitrogen
HACH LCK 348/350	Analysis of total phosphorous
Microscopic examination	Analysis of parasitic helminths
SMEWW 2130 B	Analysis of turbidity, nephelometric method
SMEWW 2320 B	Analysis of alkalinity
SMEWW 2510 B	Analysis of conductivity
SMEWW 2540 C	Analysis of total dissolved solids at 180 °C
SMEWW 2540 D	Analysis of total suspended solids dried at 103-105 °C
SMEWW 2540 E	Analysis of volatile solids ignited at 550 °C
SMEWW 2540G	Analysis of Total, fixed and volatile solids in solids and semisolid samples
SMEWW 2550 B	Analysis of temperature
SMEWW 2710C/2710D	Analysis of settled sludge volume index (SSVI)
SMEWW 4500 Cl- B	Analysis of chloride

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SMEWW 4500-H+ B	Analysis of pH value
SMEWW 4500-NH ₃ -N, D	Analysis of ammonia nitrogen, by ISE method
SMEWW 4500-Norg/HACH-8038	Analysis of total kjeldahl nitrogen
SMEWW 4500 S ₂ - F	Analysis of hydrogen sulphide by titration
SMEWW 5210 B/HACH 10360	Analysis of biochemical oxygen demand
SMEWW 5520 B	Analysis of oil and grease by gravimetry
USEPA SW846-9045d	Analysis of PH in ASH and sludge
WHO-EM/CEH/121E	Analysis of parasitic helminth eggs

SMEWW - Standard Methods for the Examination of Water and Wastewater