



INTERNATIONAL  
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## SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-765
Company Name	Middle East Environmental Laboratories. WLL
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Effective Date of Scope	November 21, 2017
Accreditation Standard	ISO/IEC 17025:2005

### Chemical - Environmental Testing

#### Water, Wastewater

APHA-2120 C	Determination of true and apparent colour in water using spectrophotometric method
APHA-2130 B	Turbidity in water by turbidimetric method
APHA-2320 B	Alkalinity in water by auto-titration method
APHA-2510 B	Measurement of conductivity in water using conductivity meter
APHA 2520-B	Determination of Salinity using Electrical Conductivity Probe
APHA-2540 C	Total dissolved solids (TDS) in water by TDS apparatus method
APHA-2540 D	Total solids (TSS) in water by TSS apparatus method
APHA-4500 Cl G	Total chlorine as Cl <sub>2</sub> in water - DPD/ Spectrophotometric method
APHA-4500 Cl -G	Determination of Free Chlorine by Spectrophotometer (Chlorine 0.1 to 10 mg/L)
APHA-4500 F- C	Determination of Fluoride by Ion-Selective Electrode Technique (0.01 to 19.000 mg/L)
APHA-4500-HB	Determination of pH in water by pH meter



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APHA-4500-NO2-B	Determination of nitrite as NO <sub>2</sub> in water - diazotisation/spectrophotometric method
APHA-4500-NO3-B	Determination of nitrate as NO <sub>3</sub> in water – 2,6-dimethylphenol/spectrophotometric method
APHA-4500-O C	Measurement of dissolved oxygen in water using the winkler titration method
APHA-4500-P-E	Determination of phosphate as PO <sub>4</sub> in water - phosphomolybdenum blue/spectrophotometric method
APHA-5210 D- HACH Track II	Determination of Biological Oxygen Demand by Respirometric Method
APHA-5520 B	Determination of Oil and Grease by Partition-Gravimetric method
APHA-5220 D	Determination of chemical oxygen demand in water using COD apparatus
APHA 9215-B	Enumeration of aerobic bacteria HPC
APHA 9221-B	Standard Total Coliform by Fermentation Technique
APHA 9221-E	Fecal Coliform by Multiple Tube Fermentation Technique
APHA 9222-B	Standard Total Coliform by Membrane Filter Procedure
APHA 9222-D	Fecal Coliform by Membrane Filter Procedure
APHA 9222-G	Escherichia coli by Partition Methods MF Partition Procedures
APHA 9610-C	Spread Plate Technique Detection of fungi
AS 5013.5 - 2005	Microbiology of food and animal feeding stuffs by Horizontal method
HACH 8038	Determination of Ammonia-Nitrogen Nessler Method (0.015 to 2 mg /L)
HACH 8131	DO by DO meter
HACH 8192	Determination of Nitrate LR by Cadmium Reduction Method (Nitrate low range 0.0-0.5 mg/L)
HACH 8160	Determination of Total Dissolved Solid by Conductivity Probe.
HACH 8507	Determination of Nitrite LR by Spectrophotometer Diazotization Method (Nitrite LR 0.002 to 0.3 mg/L)
HACH 10227	Determination of Sulphate by Turbidimetric Method



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HACH 10360	Direct Measurement Method by Luminescent Dissolved Oxygen Probe
HACH electrode user	TDS /electrode
Based on APHA-4500-SO4 E	Sulphate/spectrophotometric method
HyHygiena INS0057 EN	AquaSnap Total ATP Tests for Water Samples
Hygiena INS0039 EN	UltraSnap ATP Surface Test
Hygiena INS0126 Hygiena INS0118	MicroSnap – Total Microbial Activity Test MicroSnap – Coliform and E. coli
Hygiena INS0055	Environmental Listeria Test
Hygiena INS0172	Environmental Salmonella Test
Analysis of Wastewater WHO 1996	Detection of Helminth worms and eggs