



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

ENERGY & ENVIRONMENT COMPANY FOR GENERAL TRADING AND CONTRACTING WLL

MAIN STREET, BUILDING NO: 05, BLOCK NO: 11
KABD, KUWAIT

Testing Laboratory TL-889

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 December 15, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ENERGY & ENVIRONMENT COMPANY FOR GENERAL TRADING AND CONTRACTING WLL

Contact Name Annie Imbuedo

Contact Phone +965 23834200

Accredited to ISO/IEC 17025:2017

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APHA 2540 C	Total Dissolved Solids Dried at 180°C in Water by Gravimetric Method
APHA 3120 B / U.S. EPA 200.7	Determination of metals** in Water by Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES)
APHA 4500 H+ B	pH of Water
APHA 4500 P C	Phosphate (Orthophosphate) by Ascorbic Acid Method – Colorimetric determination of reactive phosphorus
APHA 5220 D	COD (Chemical Oxygen Demand) by Closed Reflux, Colorimetric Method
APHA 5520 B	Oil and Grease by Liquid-Liquid, Partition-Gravimetric Method
APHA 9221 B & C	Determination of Total Coliform (Multiple Tube Fermentation Technique)
APHA 9221 E	Determination of Fecal Coliform (Multiple Tube Fermentation Technique)
ASHRAE 62.1 2022	HVAC (Heating, Ventilation, and Air Conditioning) Air flow
ASTM D2216	Determination of Water (Moisture) Content of Soil by Mass
ASTM D4007	Standard Test Method for Water and Sediment in Crude Oil by the Centrifuge Method
EEC-SOP-66	Heat Stress Area Survey by Personnel Heat Stress Monitor
ISO 7243	Heat stress area survey by Wet Bulb Globe Temperature (WBGT) Index
KIPC-HSSE-E06-OH-SO2-TA-14 (EEC-SOP-62 / NIOSH 1004)	UV Survey
KIPIC/HSESF/SYSOH/18/1604 EEC-SOP-34.1 / NIOSH 500	Indoor Environmental Quality (IEQ) Survey, including Particulate Matter (Total Dust, PM _{2.5} , PM ₁₀) by Gravimetric Method using PVC filters and personal sampling pumps Gaseous Pollutants (TVOC, CO, CO ₂ , HCHO, SO ₂) in indoor air by direct-reading instruments or passive samplers Temperature and Relative Humidity by Thermo Hygrometer Illuminance (Lux) by Light Meter Noise Level (Sound Pressure Level, dBA) by sound level meter
KIPIC/ZOR/HSE/HE/1622 EEC-SOP- 34.2 (NIOSH Publication No. 81-123)	Illumination Area Survey

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NIOSH 0500	Dust [Total Airborne & Inhalable] Particulate Matter (Total Dust, PM _{2.5} , PM ₁₀) by Gravimetric Method using PVC filters and personal sampling pumps
NIOSH 0600	Dust [Respirable and Sulphur dust] Total Dust – Gravimetric Method using filter collection and weighing
NIOSH 0800	Fungal Spores on Surfaces and in Air by Microscopic Counting.
NIOSH 1003	Perchloroethylene (Tetrachloroethylene) – Sampling on charcoal tube and analysis by Gas Chromatography (GC-FID)
NIOSH 1024	1, 3-Butadiene – Sampling on charcoal tube and analysis by Gas Chromatography (GC-FID)
NIOSH 1500	n-Hexane (Hydrocarbons, B.P. 36–126°C) – Sampling on charcoal tube and analysis by Gas Chromatography (GC-FID)
NIOSH 1501	BTEX (Aromatic Hydrocarbons: Benzene, Toluene, Ethylbenzene, Xylenes) – Sampling on charcoal tube and analysis by Gas Chromatography (GC-FID)
NIOSH 1615	MTBE (Methyl tert-Butyl Ether) – Sampling on charcoal tube and analysis by Gas Chromatography (GC-FID)
NIOSH 2000	Methanol – Sampling on silica gel tube and analysis by Gas Chromatography (GC-FID)
NIOSH 2016	Formaldehyde – Sampling on treated silica gel tube and analysis by Spectrophotometry (Chromotropic Acid Method)
NIOSH 6007	Nickel Carbonyl – Collection on treated filters, analysis by Atomic Absorption Spectrophotometry (AAS)
NIOSH 6015	Ammonia – Sampling on sulfuric acid-treated silica gel and analysis by Ion Chromatography (IC)
NIOSH 7300	Metal Fumes (Elements** by ICP) – Sampling on filters, digestion by acid, analysis by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES)
NIOSH 7401	Sodium Hydroxide (NaOH) – Collection on treated filters and analysis by Ion Chromatography (IC)
OSHA 29 CFR 1910.95	Noise Test [Personal samples & Area survey]
OSHA ID-145	Mercury Vapor in Workplace Atmospheres by Cold Vapor Atomic Absorption Spectrophotometry (CV-AAS)
U.S. EPA 3540 / 8270 D	Semi Volatile Organic Compounds* (SVOC) by Gas Chromatography/Mass Spectrometry (GC/MS) in Soil and Sludge following Soxhlet Extraction
U.S. EPA 9071B / 3540 C	n-Hexane Extractable Material (HEM; Oil and Grease) for Sludge, Sediment and Solid Samples

* SVOCs: 1,2,4,5-Tetrachlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,2-Diphenylhydrazine, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Chloronaphthalene, 1-Naphthylamine, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dichlorophenol, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-

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Chlorophenol, sec-Butylbenzene, tert-Butylbenzene, Carbon tetrachloride, Chlorobenzene, Chloroform, 2-Chlorotoluene, 4-Chlorotoluene, Chrysene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,2-Dichloroethane, trans-1,2-Dichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, cis-1,3-Dichloropropane, trans-1,3-Dichloropropane, 1,2-Dibromo-3-chloropropane (DBCP), 1,2-Dibromoethane (EDB), Dibromochloromethane, Dibromomethane, Ethylbenzene, 2-Methyl 4,6-dinitrophenol, 2-Methylnaphthalene, 2-Methylphenol, 2-Naphthylamine, 2-Nitroaniline, 2-Nitrophenol, 2-Picoline, 3,3-Dichlorobenzidine, 3-Methylcholanthrene, 3-Nitroaniline, 4,4-DDD, 4,4-DDE, 4,4-DDT, 4,6-Dinitro-2-methylphenol, 4-Aminobiphenyl, Fluorathene, Hexachloro-1,3-butadiene (hexachlorobutadiene), Isopropylbenzene (cumene), 4-Isopropyltoluene (p-cumene), 1-Methylnaphthalene, 3-Methylphenol (m-cresol), 2-Methylphenol (o-cresol), Methylene chloride (dichloromethane), Naphthalene, 2-Nitrophenol, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, m-Xylene, o-Xylene, p-Xylene, Pyrene-1-Chloronaphthalene, 2-Picoline 4-Bromophenyl phenyl ether, 4-Chloro-3-methylphenol, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, 4-Methylphenol, 4-Nitroaniline, 4-Nitrophenol, 7,12-Dimethylbenz(a)anthracene, a,a-Dimethylphenethylamine, a-BHC, Acenaphthene, Acenaphthylene, Acetophenone, Aldrin, Aniline, Anthracene, B-BHC, Benz(a)anthracene, Benz(a)pyrene, Benzidine, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Benzyl butyl phthalate, Benzyl alcohol, Bis(2-ethylhexyl)adipate, bis(2-chloroethoxy)methane, bis-(2-chloroethyl)ether, bis(2-chloro-1-methylethyl)ether, Butyl benzyl phthalate, Chrysene, d-BHC, Dibenz(a,h)anthracene, Dibenz(a,j)acridine, Dibenzofuran, Dieldrin, Diethylphthalate, Dimethylphthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Diphenylamine, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Ethyl methanesulfonate, Fluoranthene, Fluorene, g-BHC, Heptachlor, Heptachlor epoxide (Isomer B), Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno(1,2,3-cd)pyrene, Isophrone, Methoxychlor, Methyl methanesulfonate, naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitrosodi-n-butylamine, N-Nitroso-di-n-propylamine, N-Nitrosodiphenylamine, N-Nitrosopiperidine, p-Dimethylaminoazobenzene, Pentachlorobenzene, Pentachloronitrobenzene, Pentachlorophenol, Phenacetin, Phenanthrene, Phenol, Pronamide, Pyrene

** Elements: Aluminum (Al) ; Antimony (Sb) ; Arsenic (As) ; Barium (Ba) ; Beryllium (Be) ; Bismuth (Bi), Boron (B), Gallium (Ga) , Cadmium (Cd) ; Calcium (Ca) ; Chromium (Cr) ; Cobalt (Co) ; Copper (Cu) ; Iron (Fe) ; Lead (Pb) ; Lithium (Li) ; Magnesium (Mg) ; Manganese (Mn) ; Mercury (Hg) ; Molybdenum (Mo) ; Nickel (Ni) ; Potassium (K) ; Selenium (Se) ; Indium (In) , Silver (Ag) ; Sodium (Na) ; Strontium (Sr) ; Thallium (Tl) ; Tin (Sn) ; Titanium (Ti); Vanadium (V) ; Zinc (Zn).

