



ACCREDITATION CERTIFICATE

Testing Laboratory

No. ATL 0042

Lonestar Technical Services LLC

Bldg. DY 34, Inside Dubai Ship Docking Yard, Al Jadaf, Dubai, United Arab Emirates, PO Box 8817, Bur Dubai, United Arab Emirates

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017: "General requirements for the competence of testing and calibration laboratories"

A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (refer to joint ISO-ILAC-IAF communiqué, April 2017).

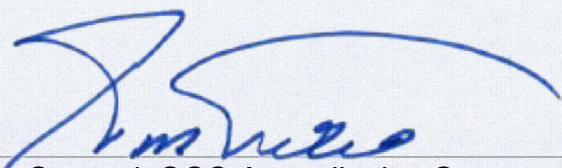
This accreditation demonstrates technical competence for a defined scope, as detailed in and at the locations specified in the scope of accreditation, the accreditation scope to this certificate is an essential accreditation document and from time to time may be revised and reissued by the GCC Accreditation Center. The most recent issue of the scope of accreditation which bears the same accreditation number as this certificate, is available from the GAC website www.gcc-accreditation.org

The accreditation is subject to continuing conformity with GAC Accreditation requirements and the status of accreditation can be checked in the GAC's website to confirm the validity of this accreditation.

Issue Date: 20 January 2025

Internal project number: AC 0165-1
Initial Accreditation Date: 5th March 2017

AC 10.10 v1.3


Director General, GCC Accreditation Center.



10.6 Scope of Accreditation

Issue No: 6/ Issue Date: 20th Jan 2025
File Manager: Hamza Khan



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Lonestar Technical Services LLC - Testing Laboratory	
Address. Bldg. DY 34, Inside Dubai Ship Docking Yard, Al Jadaf, Dubai, United Arab Emirates, PO Box 8817, Bur Dubai, United Arab Emirates	Contact: Mubeen Sheikh Tel: +971 4 324 3888 Fax: +971 4 324 3682 Email: testing@lonestar-lab.com Web Address: www.lonestar-lab.com

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- Address: Bldg. DY 34, Inside Dubai Ship Docking Yard, Al Jadaf, Dubai, United Arab Emirates

For the following scope:

Version: 3.7

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Date: 10th March 2022

Approved by: Brahim Houla

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Scope:

7. Chemical Testing:

7.66 Water

Scope details are as follows:

Version: 3.7

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TEST CATEGORY	ITEMS, MATERIALS, OR PRODUCTS TESTED	SPECIFIC TESTS/ PARAMETERS/ PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	Remarks (if any)
Chemical Testing	Drinking Water	Determination of Trace Elements: Beryllium, Aluminum, Vanadium, Chromium, Manganese, Nickel, Cobalt, Copper, Zinc, Arsenic, Selenium, Molybdenum, Cadmium, Antimony, Thallium, Lead, Thorium, Uranium, Barium, Silver, Mercury	US EPA 200.8 / CHM-SOP-282-06	
Chemical Testing		Determination of Metals and Trace Elements: Boron, Iron, Sodium, Magnesium, Calcium, Potassium, Silicon	US EPA 200.7 / CHM-SOP-291-06	
Chemical Testing		Mercury	US EPA 245.1 / CHM-SOP-076E-07	
Chemical Testing	Drinking Water	Determination of Volatile Organic Compounds: Dichlorodifluoromethane, Chloromethane, Vinyl Chloride (Chloroethene), Bromomethane (Methyl Bromide), Chloroethane (Ethyl Chloride), Trichlorofluoromethane, 1,1-Dichloroethene, Acetone, Methylene Chloride, Trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1-Dichloroethane, 2-Butanone (MEK), Bromochloromethane, Chloroform, 2,2-Dichloropropane, Benzene, Carbon Tetrachloride, 1,1-Dichloropropene, 1,1,1-Trichloroethane, 1,2-Dichloroethane, Trichloroethylene, 1,2-Dichloropropane, Dibromomethane, Bromodichloromethane, cis-1,3-Dichloropropene, 4-Methyl-2-Pentanone (MIBK), Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, 2-Hexanone, 1,3-Dichloropropane, Dibromochloromethane, 1,2-Dibromoethane, Chlorobenzene, Ethylbenzene	US EPA 524.2 / CHM-SOP-268-09	

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		1,1,1,2-Tetrachloroethane, m&p-Xylene, o-Xylene, Styrene, Bromoform, Isopropyl Benzene, Bromobenzene, n-Propylbenzene, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane, 2-Chlorotoluene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, tert-Butylbenzene, 1,2,4-Trimethylbenzene, sec-Butylbenzene, 4-Isopropyltoluene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butylbenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-Chloropropane, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene		
Chemical Testing	Drinking Water	Determination of Volatile Organic Compounds: Trihalomethanes Chloroform, Bromoform, Bromodichloromethane, Dibromochloromethane, Total Trihalomethanes	US EPA 524.2 / CHM-SOP-268-09	
Chemical Testing	Drinking Water	Determination of Halo Acetic Acid: Monobromoacetic Acid, Monochloroacetic Acid, Dibromoacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Bromochloroacetic acid (BCAA)	US EPA 552.3 / CHM-SOP-271-08	
Chemical Testing	Drinking Water	Determination of Organochlorine Pesticides/PCB's: Chlordane, Endrin, Heptachlor, Heptachlor Epoxide, Lindane, Methoxychlor, PCB (as Decachlorobiphenyls), Toxaphene, Aldrin, Alpha-BHC, Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260, Beta-BHC, Delta-BHC, Dieldrin, Endosulfan I Endosulfan II,	US EPA 508 / CHM-SOP-266-01	

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		Endosulfan Sulfate, Endrin Aldehyde, Gama-BHC (Lindane), p, p'-DDD, p, p'-DDE, p, p'-DDT		
Chemical Testing	Water, Ground Water, Sea Water and Sandy Soil, Sludge	Determination of Organochlorine Pesticides: Aldrin, α -BHC, γ -BHC (Lindane), β -BHC, δ -BHC, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulphate, Endrin, Endrin aldehyde, Heptachlor, Heptachlor epoxide, Methoxychlor	US EPA SW846/8081A/ CHM-SOP-050-03	
Chemical Testing	Water, Ground Water, Sea Water and Sandy Soil, Sludge	Total Petroleum Hydrocarbons: Gasoline Range Organics [GRO] by purge and trap GC-FID Diesel Range Organics [DRO] by solvent extraction and GC-FID	US EPA Method SW 846/8015B/ CHM-SOP-036-03	
Chemical Testing	Water, Groundwater, Sea Water and Sandy Soil, Sludge	Determination of Volatile Organic Compounds: Dichlorodifluoromethane, Chloromethane, Vinyl Chloride (Chloroethene), Bromomethane (Methyl Bromide), Chloroethane (Ethyl Chloride), Trichlorofluoromethane, 1,1-Dichloroethene, Acetone, Methylene Chloride, Trans-1,2-dichloroethene, Cis-1,2-dichloroethene, 1,1-Dichloroethane, 2-Butanone (MEK), Bromochloromethane, Chloroform, 2,2-Dichloropropane, 1,1,1-Trichloroethane Carbon Tetrachloride, 1,1-Dichloropropene, Benzene, 1,2-Dichloroethane, Trichloroethylene, 1,2-Dichloropropane, Dibromomethane, Bromodichloromethane, cis-1,3-Dichloropropane, 4-Methyl-2-Pentanone (MIBK), Toluene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Tetrachloroethene, 2-Hexanone, 1,3-Dichloropropane, Dibromochloromethane, 1,2-Dibromoethane, Chlorobenzene, Ethylbenzene, 1,1,1,2-Tetrachloroethane,	US EPA Method SW 846/ 8260B/ CHM-SOP-173-00	

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		m&p-Xylene, o-Xylene, Styrene, Bromoform, Isopropyl Benzene, Bromobenzene, n-Propylbenzene, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichloropropane, 2-Chlorotoluene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, tert-Butylbenzene 1,2,4-Trimethylbenzene, sec-Butylbenzene, 4-Isopropyltoluene, 4-Isopropyltoluene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, n-Butylbenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-Chloropropane, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene		
Chemical Testing	Water, Ground Water, Sea Water and Sandy Soil, Sludge	Determination of Semi-Volatile Organic Compounds: Pyridine, N-Nitrosodimethylamine, Bis(2-chloroethyl) ether, Aniline, Phenol, 2-Chlorophenol, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, Benzyl alcohol, Bis(2-chloroisopropyl) ether, 2-Methylphenol, Hexachloroethane, N-Nitroso-di-n-propylamine, 4-Methyl phenol, Nitrobenzene, 2,4-Dimethylphenol, Isophorone, 2-Nitrophenol, Bis(2-chloroethoxy) methane, 2,4-Dichlorophenol, 1,2,4-Trichlorobenzene, Benzoic acid, Naphthalene, 4-Chloroaniline, 2,6-Dichlorophenol, Hexachlorobutadiene, 4-Chloro-3-methylphenol, 2-methylnaphthalene, Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-trichlorophenol, 2-Chloronaphthalene, 2-Nitroaniline, Acenaphthylene, Dimethyl phthalate, 2,6-Dinitrotoluene, Acenaphthene, 3-Nitroaniline, 2,4-Dinitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 4-Nitrophenol, Pentachlorobenzene, Fluorene, 4-Chlorophenyl phenyl	US EPA Method SW 846/8270C/CHM-SOP-260-10	

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		ether, Diethylphthalate, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, Azobenzene, 4-Bromophenyl phenyl ether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Di-n-butylphthalate, Fluoranthene, Benzidine, Pyrene, Bis (2-ethylhexyl) Adipate, Butyl benzyl phthalate, 3,3;-Dichlorobenzidine, Dibenz (a,h) anthracene, Chrysene, Bis (2-ethylhexyl) phthalate, Di-n-octyl phthalate, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Benzo (a) pyrene, Indeno (1,2,3-cd) pyrene, Dibenz (a,h) anthracene, Benzo (g,h,i) perylene		
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Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

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Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

END

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation - <https://www.gac.org.sa/en/>