

# **CERTIFICATE OF ACCREDITATION**

This is to attest that

### SOUTHWEST RESEARCH INSTITUTE CHEMISTRY AND CHEMICAL ENGINEERING DIVISION FIRE TECHNOLOGY DEPARTMENT ANALYTICAL AND ENVIRONMENTAL CHEMISTRY DEPARTMENT

6220 CULEBRA ROAD

SAN ANTONIO, TEXAS 78238-5166, U.S.A.

### **Testing Laboratory TL-214**

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* and the United States Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) and Department of Energy Consolidated Audit Program (DOECAP) requirements identified in the *DoD/DOE Quality Systems Manual version 5.4*. This organization is accredited to provide the services specified in the scope of accreditation.

> ISO/IEC 17025:2017 Scope Effective Date June 21, 2024 DoD ELAP and DOECAP Scope Effective Date June 21,2024



International Accreditation Service

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### SOUTHWEST RESEARCH INSTITUTE CHEMISTRY AND CHEMICAL ENGINEERING DIVISION FIRE TECHNOLOGY DEPARTMENT ANALYTICAL AND ENVIRONMENTAL CHEMISTRY DEPARTMENT

www.swri.org

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ISO/IEC 17025:2017 Scope Effective Date June 21, 2024 DoD ELAP and DOECAP Scope Effective Date June 21, 2024

DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Chemistry Environmental –		WASTE - AQUEUUS	WASTE - SOLID
Alkalinity as CaCO3	EPA 310.1	EPA 310.1	
·	SM 2320B	SM 2320B	
Amenable Cyanide	EPA 335.1	EPA 335.1	SW-846 9012B
- 5	SW-846 9012B	SW-846 9012B	SW-846 9014
	SW-846 9014	SW-846 9014	
Bromide	EPA 300.0	EPA 300.0	SW-846 9056A
	SW-846 9056A	SW-846 9056A	
Chloride	EPA 300.0	EPA 300.0	SW-846 9056A
	SW-846 9056A	SW-846 9056A	
Chromium, Hexavalent	SW-846 7196	SW-846 7196	SW-846 7196
	SW-846 7199	SW-846 7199	SW-846 7199
Conductivity	EPA 120.1	EPA 120.1	SW-846 9050A
-	SW-846 9050A	SW-846 9050A	
	SM 2510B	SM 2510B	
Corrosivity Towards Steel	SW-846 1110A	SW-846 1110A	SW-846 1110A
Density		ASTM D5057	
Fluoride	SM 4500F C	SM 4500F C	SW-846 9056A
	EPA 340.2	EPA 340.2	
	EPA 300.0	EPA 300.0	
	SW-846 9056A	SW-846 9056A	
Ignitability	EPA 1010A	EPA 1010A	EPA 1010A
	ASTM D93	ASTM D93	ASTM D93

#### DoD ELAP and DOECAP Scope

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
n-Hexane Extractable Material (O&G)	SW-846 1664B	SW-846 1664B	SW-846 9071B
Nitrate as N	EPA 300.0 SW-846 9056A	EPA 300.0 SW-846 9056A	SW-846 9056A
Nitrate plus nitrite as N	EPA 300.0 SW-846 9056A	EPA 300.0 SW-846 9056A	SW-846 9056A
Nitrite as N	EPA 300.0 SW-846 9056A	EPA 300.0 SW-846 9056A	SW-846 9056A
Oil and Grease	EPA 1664B	EPA 1664B	SW-846 9071B
Orthophosphate as P	EPA 300.0 SW-846 9056A	EPA 300.0 SW-846 9056A	SW-846 9056A
Oxidizing Solids			SW-846 1040
Paint Filter			SW-846 9095B
Particle Size			ASTM D422
pH / Corrosivity	EPA 150.1 SW-846 9040C	EPA 150.1 SW-846 9040C	SW-846 9045D
Residue-filterable (TDS)	EPA 160.1 SM 2540C	EPA 160.1 SM 2540C	
Residue-nonfilterable (TSS)	EPA 160.2 SM 2540D	EPA 160.2 SM 2540D	ASTM D3977
Silica Gel Treated n-Hexane Extractable Material (SGT- HEM)	EPA 1664B	EPA 1664B	SW-846 9071B
Substances Like to Spontaneously Combust/Self Heat Solids			SW-846 1050 UN 33.3.1.4 UN 33.3.1.6
Sulfate	EPA 300.0 SW-846 9056A	EPA 300.0 SW-846 9056A	SW-846 9056A
Sulfide	EPA 376.1 SW-846 9034	EPA 376.1 SW-846 9034	SW-846 9030A SW-846 9034
Total Cyanide	EPA 335.2 EPA 335.4 SW-846 9012B SW-846 9014	EPA 335.2 EPA 335.4 SW-846 9012B SW-846 9014	SW-846 9012B SW-846 9014
Total Hardness as CaCO3 by Calculation	SM 2340B	SM 2340B	SM 2340B
Total Organic Carbon (TOC)	EPA 415.1 SW-846 9060A	EPA 415.1 SW-846 9060A	SW-846 9060M
Total Petroleum Hydrocarbons	SW-846 1664B	SW-846 1664B	SW-846 9071B
Aluminum	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B
Antimony	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B
Arsenic	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B
Barium	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B	SW-846 6010D SW-846 6020B

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Beryllium	SW-846 6010D	SW-846 6010D	SW-846 6010D
,	SW-846 6020B	SW-846 6020B	SW-846 6020B
Boron	SW-846 6010D	SW-846 6010D	SW-846 6010D
Cadmium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Calcium	SW-846 6010D	SW-846 6010D	SW-846 6010D
Chromium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Cobalt	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Copper	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Iron	SW-846 6010D	SW-846 6010D	SW-846 6010D
Lead	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Lithium	SW-846 6010D	SW-846 6010D	SW-846 6010D
Magnesium	SW-846 6010D	SW-846 6010D	SW-846 6010D
Manganese	SW-846 6010D	SW-846 6010D	SW-846 6010D
5	SW-846 6020B	SW-846 6020B	SW-846 6020B
Molybdenum	SW-846 6010D	SW-846 6010D	SW-846 6010D
,	SW-846 6020B	SW-846 6020B	SW-846 6020B
Nickel	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Phosphorus	SW-846 6010D	SW-846 6010D	SW-846 6010D
Potassium	SW-846 6010D	SW-846 6010D	SW-846 6010D
Selenium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Silicon	SW-846 6010D	SW-846 6010D	SW-846 6010D
Silver	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Sodium	SW-846 6010D	SW-846 6010D	SW-846 6010D
Strontium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Technetium-99	SW-846 6020B	SW-846 6020B	SW-846 6020B
Thallium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Thorium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Tin	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Titanium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Uranium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Uranium, Isotopic	SW-846 6020B	SW-846 6020B	SW-846 6020B
Vanadium	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Zinc	SW-846 6010D	SW-846 6010D	SW-846 6010D
	SW-846 6020B	SW-846 6020B	SW-846 6020B
Mercury	SW-846 7470A	SW-846 7470A	SW-846 7471B
Chemistry Environmental – I		SW-040 7470A	SW-040 747 1B
Toxicity Characteristic		SW-846 1311	SW-846 1311
Leaching Procedure		300-040 1311	300-040 1311
Synthetic Precipitation		SW-8461312	SW-8461312
Leaching Procedure		300-0401312	300-8401312
Sulfuric Acid Cleanup	SW-846 3665A	SW-846 3665A	SW-846 3665A
Sulfur Cleanup	SW-846 3660A	SW-846 3660A	SW-846 3660A
Florisil Cleanup	SW-846 3620C	SW-846 3620C	SW-846 3620C
Acid Digestion for Aqueous	SW-846 3010A	SW-846 3010A	SW-846 3010A
	3W-640 3010A	3VV-040 3010A	3W-640 30 TUA
Samples Alkaline Digesting for Water	SW-846 3060A	SW-846 3060A	SW-846 3060A
Insoluble and Solid sample	311-040 3000A	311-040 3000A	311-040 3000A
for Hexavalent Chromium			
Purge-and-Trap for Aqueous	SW-846 5030B	SW-846 5030B	
Samples			
Separatory Funnel Liquid-	SW-846 3510C	SW-846 3510C	
Liquid Extraction	300-040 33100	300-840 33100	
Continuous Liquid – Liquid	SW-846 3520C	SW-846 3520C	
Extraction	300-840 33200	300-040 33200	
Acid Digestion for Sediments,			SW-846 3050B
Sludges and Soils			SW-040 5050B
Purge-and-Trap for Low-			SW-846 5030A
Level Soil Samples from Bulk			SW-040 5050A
Closed-System Purge-and-			SW-846 5035
Trap and Extraction for Soil			500-040 5055
and Waste Samples			
Soxhlet Extraction			SW-846 3540C
Sonication Extraction			SW-846 3550C
Chemistry Environmental – I	Padiochomistry		30-640 33300
Tritium	EPA 906.0	EPA 906.0	EPA 906.0
Indum	ASTM D4107	EFA 900.0	EFA 900.0
Carbon-14	EPA 906.0	EPA 906.0	EPA 906.0
		HASL-300 Se-03-RC	EPA 900.0 EPA Method EMSL-33
Americium, Isotopic	Eichrom ACW03	EPA Method 907.0	
		Eichrom ACW03	
Curium, Isotopic	Eichrom ACW03	EPA Method 907.0	EPA Method EMSL-33
Plutonium, Isotopic	Eichrom ACW03	HASL-300 Se-03-RC	EPA Method EMSL-33
Fiutonium, isotopic		EPA Method 907.0	
Plutonium-241	HASL-300 Se-03-RC	Eichrom ACW03 HASL-300 Se-03-RC	
F1U101110111-241			
linemiume le sterie	Eichrom ACW03	Eichrom ACW03	
Uranium, Isotopic	Eichrom ACW03	HASL-300 Se-03-RC	EPA Method EMSL-33
		EPA Method 907.0	Fighrom ACS07
		SW-846 6020B	Eichrom ACS07
		Eichrom ACW03	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Thorium, Isotopic	Eichrom ACW08	EPA Method 907.0 Eichrom ACW08	EPA Method EMSL-33
Neptunium-237	Eichrom ACW08	EPA Method 907.0 Eichrom ACW08	EPA Method EMSL-33
Strontium-89/90	Eichrom SRW01	EPA 905.0 Eichrom SRW01	
Gross Alpha	EPA 900.0 SM 7110B SM 7110C	EPA 900.0 SM 7110B SM 7110C	SW-846 9310
Gross Beta	EPA 900.0 SM 7110B SM 7110C	EPA 900.0 SM 7110B	SW-846 9310
Radium-226	EPA 903.0 HASL-300	EPA 903.0 SM 7500-Ra-D SW-846 9315	SW-846 9315
Radium-228	EPA 904.0	EPA 904.0 SM 7500-Ra-D SW-846 9320	SW-846 9320
Gamma	EPA 901.1 EMSL Ga-01-R	EPA 901.1 EMSL Ga-01-R ASTM D3649	EPA 901.1 EMSL Ga-01-R ASTM C1402
Iron-55	Eichrom FEW01	Eichrom FEW01	Eichrom FEW01
Lead-210	Eichrom PBW01	Eichrom PBW01	Eichrom PBW01
Polonium 210	Eichrom PBW01	Eichrom PBW01	Eichrom PBW01
Nickel-59	DOE Methods Compendium RP 300	DOE Methods Compendium RP 300	DOE Methods Compendium RP 300
Nickel-63	DOE Methods Compendium RP 300	DOE Methods Compendium RP 300	DOE Methods Compendium RP 300
I-129	SM 7500I B EPA 902.0	SM 7500I B EPA 902.0	SM 7500I B EPA 902.0
Technetium-99	Eichrom TCW01 VBS	EML HASL-300 Tc-02-RC Eichrom TCW01 VBS	Eichrom TCS01
Chemistry Environmental			1
OCDF	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 290A
OCDD	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A
1,2,3,4,6,7,8-HpCDF	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A
1,2,3,4,6,7,8-HpCDD	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A
1,2,3,4,7,8,9-HpCDF	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A
1,2,3,4,7,8-HxCDF	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A	SW-846 8280B SW-846 8290A

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DETERMINANT(S) /	NON-POTABLE	SOLID HAZARDOUS	
			WASTE – SOLID SW-846 8280B
1,2,3,4,7,8-HxCDD	SW-846 8280B	SW-846 8280B	
4.0.0.7.0.11.0055	SW-846 8290A	SW-846 8290A	SW-846 8290A
1,2,3,6,7,8-HxCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
1,2,3,6,7,8-HxCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
1,2,3,7,8,9-HxCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
1,2,3,7,8,9-HxCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
1,2,3,7,8-PeCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
1,2,3,7,8-PeCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
2,3,4,6,7,8-HxCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
2,3,4,7,8-PeCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SW-846 8290A	SW-846 8290A	SW-846 8290A
2,3,7,8-TCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
2,0,7,0 1001	SW-846 8290A	SW-846 8290A	SW-846 8290A
2,3,7,8-TCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
2,3,7,0-1000	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total HpCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total HpCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
T ( ) ) ODE	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total HxCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total HxCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total PeCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total PeCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total TCDF	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Total TCDD	SW-846 8280B	SW-846 8280B	SW-846 8280B
	SW-846 8290A	SW-846 8290A	SW-846 8290A
Dichlorodifluoromethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Chloromethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Vinyl chloride	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Promomothers			SW/ 946 9260D
Bromomethane	EPA 624.1	EPA 624.1	SW-846 8260D
Chlereethere	SW-846 8260D	SW-846 8260D	
Chloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Acetone	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Trichlorofluoromethane	EPA 624.1	EPA 624.1	SW-846 8260D
Thomer of deformed failed to	SW-846 8260D	SW-846 8260D	
1,1-Dichloroethene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	011-040 02000
Methylene chloride	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	SW-040 0200D
Carbon disulfide	EPA 624.1	EPA 624.1	SW-846 8260D
Carbon disulide	SW-846 8260D	SW-846 8260D	SW-040 0200D
trans-1,2-Dichloroethene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	SW-040 0200D
1,1-Dichloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	3W-040 0200D
2-Butanone	EPA 624.1	EPA 624.1	SW-846 8260D
z-bulanone		SW-846 8260D	3VV-040 020UD
aia 1.2 Diablara athara	SW-846 8260D		SW/ 946 9260D
cis-1,2-Dichloroethene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	014/04/000000
Bromochloromethane	EPA 624.1	EPA 624.1	SW-846 8260D
<u></u>	SW-846 8260D	SW-846 8260D	
Chloroform	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
2,2-Dichloropropane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,2-Dichloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,1,1-Trichloroethene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,1-Dichloropropene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Benzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Carbon tetrachloride	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Dibromomethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,2-Dichloropropane	EPA 624.1	EPA 624.1	SW-846 8260D
, , , , , , , , , , , , , , , , , , , ,	SW-846 8260D	SW-846 8260D	
Bromodichloromethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Trichloroethene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
4-Methyl-2-pentanone	EPA 624.1	EPA 624.1	SW-846 8260D
4-meury-z-pentarione	SW-846 8260D	SW-846 8260D	
cis-1,3-Dichloropropene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
trans-1,3-Dichloropropene	EPA 624.1	EPA 624.1	SW-846 8260D
			011-040 0200D

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
1,1,2-Trichloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
, , · · · · · · · · · · · · · · · · · ·	SW-846 8260D	SW-846 8260D	
1,3-Dichloropropane	EPA 624.1	EPA 624.1	SW-846 8260D
r,o Biomoropropune	SW-846 8260D	SW-846 8260D	SW 848 8288B
Toluene	EPA 624.1	EPA 624.1	SW-846 8260D
loidene	SW-846 8260D	SW-846 8260D	6W-640 6200D
2-Hexanone	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	SW-840 8200D
Dibromochloromethane	EPA 624.1	EPA 624.1	SW-846 8260D
Dibiomocnioromethane	SW-846 8260D	SW-846 8260D	SW-840 8200D
1,2-Dibromoethane	EPA 624.1	EPA 624.1	SW-846 8260D
1,2-Dibromoethane	SW-846 8260D	SW-846 8260D	3W-840 8200D
Tetrachloroethene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,1,1,2-Tetrachloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
r, r, r, z-retrachioroethane		SW-846 8260D	300-040 02000
Chlorobenzene	SW-846 8260D		SW-846 8260D
Chiorobenzene	EPA 624.1	EPA 624.1 SW-846 8260D	SW-846 8260D
	SW-846 8260D		
Ethylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
m-Xylene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
p-Xylene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Bromoform	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Styrene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,1,2,2-Tetrachloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
o-Xylene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,2,3-Trichloropropane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Isopropylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Bromobenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
n-Propylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
2-Chlorotoluene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
4-Chlorotoluene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,3,5-Trimethylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
.,.,.	SW-846 8260D	SW-846 8260D	
1,2,4-Trimethylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	

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International Accreditation Service, Inc.

DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Tert-Butylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,3-Dichlorobenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,4-Dichlorobenzene	EPA 624.1	EPA 624.1	SW-846 8260D
.,	SW-846 8260D	SW-846 8260D	
sec-Butylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
p-lsopropyltoluene	EPA 624.1	EPA 624.1	SW-846 8260D
propropyrotaene	SW-846 8260D	SW-846 8260D	
1,2-Dichlorobenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	011 040 02000
n-Butylbenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,2-Dibromo-3-chloropropane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	300-040 02000
1,2,4-Trichlorobenzene	EPA 624.1	EPA 624.1	SW-846 8260D
1,2,4-1 richlorobenzene		-	SVV-840 8200D
	SW-846 8260D	SW-846 8260D	
Naphthalene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,2,3-Trichlorobenzene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Hexachlorobutadiene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
1,4-Dioxane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
2-Chloroethyl vinyl ether	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
2-Nitropropane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Acetonitrile	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Acrolein	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Acrylonitrile	EPA 624.1	EPA 624.1	SW-846 8260D
,	SW-846 8260D	SW-846 8260D	
Allyl chloride	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Benzyl chloride	EPA 624.1	EPA 624.1	SW-846 8260D
Benzyromondo	SW-846 8260D	SW-846 8260D	
Chloroprene	EPA 624.1	EPA 624.1	SW-846 8260D
Unioroprene	SW-846 8260D	SW-846 8260D	
cis-1,4-Dichloro-2-butene	EPA 624.1	EPA 624.1	SW-846 8260D
CIS-1,4-DIGNIOIO-Z-DULENE			3VV-040 020UD
Diathyd ath ar	SW-846 8260D	SW-846 8260D	
Diethyl ether	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	



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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Ethyl methacrylate	EPA 624.1	EPA 624.1	EPA 624.1
, ,	SW-846 8260D	SW-846 8260D	SW-846 8260D SW-846
			8260D
lodomethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Isobutyl alcohol	EPA 624.1	EPA 624.1	SW-846 8260D
, ,	SW-846 8260D	SW-846 8260D	
Methacrylonitrile	EPA 624.1	EPA 624.1	SW-846 8260D
5	SW-846 8260D	SW-846 8260D	
Methyl methacrylate	EPA 624.1	EPA 624.1	SW-846 8260D
, , , , , , , , , , , , , , , , , , ,	SW-846 8260D	SW-846 8260D	
Methyl tert-butyl ether	EPA 624.1	EPA 624.1	SW-846 8260D
(MTBE)	SW-846 8260D	SW-846 8260D	
n-Butyl alcohol	EPA 624.1	EPA 624.1	SW-846 8260D
2	SW-846 8260D	SW-846 8260D	
Propionitrile	EPA 624.1	EPA 624.1	SW-846 8260D
·	SW-846 8260D	SW-846 8260D	
trans-1,4-Dichloro-2-butene	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Vinyl acetate	EPA 624.1	EPA 624.1	SW-846 8260D
,	SW-846 8260D	SW-846 8260D	
Ethyl acetate	EPA 624.1	EPA 624.1	SW-846 8260D
,	SW-846 8260D	SW-846 8260D	
Xylene (total)	EPA 624.1	EPA 624.1	SW-846 8260D
·····	SW-846 8260D	SW-846 8260D	
1,1,2-Trichloro-1,2,2-	EPA 624.1	EPA 624.1	SW-846 8260D
trifluoroethane	SW-846 8260D	SW-846 8260D	
Methylcyclohexane	EPA 624.1	EPA 624.1	SW-846 8260D
meanyleyerenenane	SW-846 8260D	SW-846 8260D	
Pentachloroethane	EPA 624.1	EPA 624.1	SW-846 8260D
	SW-846 8260D	SW-846 8260D	
Aroclor-1016 (PCB-1016)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
Aroclor-1221 (PCB-1221)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
Aroclor-1232 (PCB-1232)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
Aroclor-1242 (PCB-1242)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
Aroclor-1248 (PCB-1248)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
Aroclor-1254 (PCB-1254)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
Aroclor-1260 (PCB-1260)	EPA 608.3	EPA 608.3	SW-846 8082A
	SW-846 8082A	SW-846 8082A	
n-Nitrosodimethylamine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Pyridine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Aniline	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	SW 040 0270E
bis(2-Chloroethyl)ether	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	0W-040 0270L
Phenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	SW 040 0270E
2-Chlorophenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
1,3-Dichlorobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
1,4-Dichlorobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
.,	SW-846 8270E	SW-846 8270E	
1,2-Dichlorobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
.,	SW-846 8270E	SW-846 8270E	
Benzyl alcohol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
bis(2-Chloroisopropyl)ether	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
2-Methylphenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	SW 040 0270E
n-Nitroso-di-n-propylamine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
4-Methylphenol	EPA 625.1	EPA 625.1	SW-846 8270E
i metryphener	SW-846 8270E	SW-846 8270E	
Nitrobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	SW 040 0270E
Isophorone	EPA 625.1	EPA 625.1	SW-846 8270E
loophololic	SW-846 8270E	SW-846 8270E	SW 040 0270E
2-Nitrophenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
2,4-Dimethylphenol	EPA 625.1	EPA 625.1	SW-846 8270E
2, 1 200000	SW-846 8270E	SW-846 8270E	
bis(2-Chloroethoxy) methane	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
2,4-Dichlorophenol	EPA 625.1	EPA 625.1	SW-846 8270E
2, 1 210110100	SW-846 8270E	SW-846 8270E	
1,2,4-Trichlorobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
.,_,	SW-846 8270E	SW-846 8270E	
Naphthalene	EPA 625.1	EPA 625.1	SW-846 8270E
raphilaiono	SW-846 8270E	SW-846 8270E	
4-Chloroaniline	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
2,6-Dichlorophenol	EPA 625.1	EPA 625.1	SW-846 8270E
2,0 210110100101	SW-846 8270E	SW-846 8270E	
Hexachlorobutadiene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
4-Chloro-3-methylphenol	EPA 625.1	EPA 625.1	SW-846 8270E
4-Onloro-5-methylphenol	SW-846 8270E	SW-846 8270E	SW-040 0270E
2-Methylnaphthalene	EPA 625.1	EPA 625.1	SW-846 8270E
2-meanymaphanaiene	SW-846 8270E	SW-846 8270E	SW-040 0270E
Hexachlorocyclopentadiene	EPA 625.1	EPA 625.1	SW-846 8270E
hexacillolocyclopentadiene	SW-846 8270E	SW-846 8270E	SW-040 0270E
2,4,6-Trichlorophenol	EPA 625.1	EPA 625.1	SW-846 8270E
2,4,0-1101000010100	SW-846 8270E	SW-846 8270E	SW-040 0270E
2,4,5-Trichlorophenol	EPA 625.1	EPA 625.1	SW-846 8270E
2,4,0-1101101001101	SW-846 8270E	SW-846 8270E	011-040 027 0E
2-Chloronaphthalene	EPA 625.1	EPA 625.1	SW-846 8270E
2-Onioronaphinalene	SW-846 8270E	SW-846 8270E	011-040 027 0E
2-Nitroaniline	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Acenaphthylene	EPA 625.1	EPA 625.1	SW-846 8270E
Acenaphinylene	SW-846 8270E	SW-846 8270E	011-040 027 0E
Benzaldehyde	EPA 625.1	EPA 625.1	SW-846 8270E
Denzaldenyde	SW-846 8270E	SW-846 8270E	SW-040 0270E
Pentachloroethane	EPA 625.1	EPA 625.1	SW-846 8270E
Fentachioroethane	SW-846 8270E	SW-846 8270E	3W-040 0270E
Acetophenone	EPA 625.1	EPA 625.1	SW-846 8270E
Acetophenone	SW-846 8270E	SW-846 8270E	3W-040 0270E
Hexachloropropene	EPA 625.1	EPA 625.1	SW-846 8270E
Hexacilloropropene	SW-846 8270E	SW-846 8270E	300-040 0270E
Caprolactam	EPA 625.1	EPA 625.1	SW-846 8270E
Capiblactani	SW-846 8270E	SW-846 8270E	3W-040 0270E
Safrole	EPA 625.1	EPA 625.1	SW-846 8270E
Salible	SW-846 8270E	SW-846 8270E	3W-040 0270E
1,2,4,5-Tetrachlorobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
1,2,4,5-1 etrachiorobenzene	SW-846 8270E	SW-846 8270E	SW-040 0270E
Isosafrole	EPA 625.1	EPA 625.1	SW-846 8270E
Isosaliole	SW-846 8270E	SW-846 8270E	3W-040 0270E
1,4-Naphthoguinone	EPA 625.1	EPA 625.1	SW-846 8270E
1,4-Naphinoquinone	SW-846 8270E	SW-846 8270E	3W-040 0270E
1,3-Dinitrobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
1,3-Dillillobelizerie	SW-846 8270E	SW-846 8270E	3W-040 0270E
Dontophorohonzono	EPA 625.1	EPA 625.1	SW-846 8270E
Pentachlorobenzene	SW-846 8270E	SW-846 8270E	3VV-040 02/UE
2,3,4,6-Tetrachlorophenol			SW-846 8270E
2,3,4,0-1 ettachiorophenol	EPA 625.1	EPA 625.1	300-040 02/UE
125 Tripitrobonzono	SW-846 8270E	SW-846 8270E	SW-846 8270E
1,3,5-Trinitrobenzene	EPA 625.1 SW-846 8270E	EPA 625.1 SW-846 8270E	300-040 02/UE
Phonocotin			SW-846 8270E
Phenacetin	EPA 625.1	EPA 625.1	300-040 02/UE
Atronico	SW-846 8270E	SW-846 8270E	
Atrazine	EPA 625.1	EPA 625.1	SW-846 8270E
Dente ebleveniture bergeren	SW-846 8270E	SW-846 8270E	
Pentachloronitrobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Pronamide	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Methapyrilene	EPA 625.1	EPA 625.1	SW-846 8270E
methopymetho	SW-846 8270E	SW-846 8270E	
4,4'-Methylene bis(2-	EPA 625.1	EPA 625.1	SW-846 8270E
chloroaniline)	SW-846 8270E	SW-846 8270E	011 040 021 0E
2-Acetylaminofluorene	EPA 625.1	EPA 625.1	SW-846 8270E
2-Accelular minoritation che	SW-846 8270E	SW-846 8270E	011-040 0210E
Famphur	EPA 625.1	EPA 625.1	SW-846 8270E
i unphu	SW-846 8270E	SW-846 8270E	011 040 021 0E
2-Picoline	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	011 040 021 0E
o-Toluidine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
alpha, alpha-	EPA 625.1	EPA 625.1	SW-846 8270E
Dimethylphenethylamine	SW-846 8270E	SW-846 8270E	
1,4-Dioxane	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	300-040 0270E
Acenaphthene	EPA 625.1	EPA 625.1	SW-846 8270E
Acenaphinene	SW-846 8270E	SW-846 8270E	300-040 027UE
3-Nitroaniline	EPA 625.1	EPA 625.1	SW-846 8270E
3-Milloaniine			SVV-040 0270E
2.4 Disitrashanal	SW-846 8270E	SW-846 8270E	
2,4-Dinitrophenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Dibenzofuran	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
2,4-Dinitrotoluene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
4-Nitrophenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Fluorene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
4-Chlorophenyl-phenylether	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Diethylphthalate	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
4-Nitroaniline	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
4,6-Dinitro-2-methylphenol	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
n-Nitrosodiphenylamine/	EPA 625.1	EPA 625.1	SW-846 8270E
Diphenylamine	SW-846 8270E	SW-846 8270E	
Hexachlorobenzene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Pentachlorophenol	EPA 625.1	EPA 625.1	SW-846 8270E
·	SW-846 8270E	SW-846 8270E	
Phenanthrene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
Anthracene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Carbazole	EPA 625.1	EPA 625.1	SW-846 8270E
Guibazoic	SW-846 8270E	SW-846 8270E	SW 040 0210E
Di-n-butylphthalate	EPA 625.1	EPA 625.1	SW-846 8270E
Di-ii-butyipininalate	SW-846 8270E	SW-846 8270E	SW-040 0270E
Fluoranthene	EPA 625.1	EPA 625.1	SW-846 8270E
Tuorantinene	SW-846 8270E	SW-846 8270E	3W-040 0270L
Pyrene	EPA 625.1	EPA 625.1	SW-846 8270E
Fyrene	SW-846 8270E	SW-846 8270E	3W-840 8270E
Butylbenzylphthalate	EPA 625.1	EPA 625.1	SW-846 8270E
Butyiberizyipininalate	SW-846 8270E	SW-846 8270E	3W-040 0270E
2.21 Dishlarahan zidina			
3,3'-Dichlorobenzidine	EPA 625.1	EPA 625.1	SW-846 8270E
Panza(a)anthrassa	SW-846 8270E	SW-846 8270E	SW-846 8270E
Benzo(a)anthracene	EPA 625.1	EPA 625.1	3VV-040 02/UE
	SW-846 8270E	SW-846 8270E	014/04/002205
Chrysene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	014/04/000705
bis(2-Ethylhexyl)phthalate	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Di-n-octylphthalate	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Benzo(b)fluoranthene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Benzo(k)fluoranthene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Benzo(a)pyrene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Indeno(1,2,3-cd)pyrene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Dibenz(a,h)anthracene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Benzo(g,h,i)perylene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Methyl methanesulfonate	EPA 625.1	EPA 625.1	SW-846 8270E
-	SW-846 8270E	SW-846 8270E	
Aramite	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
7,12-	EPA 625.1	EPA 625.1	SW-846 8270E
Dimethylbenz(a)anthracene	SW-846 8270E	SW-846 8270E	-
3-Methylcholanthrene	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
1,1'-Biphenyl	EPA 625.1	EPA 625.1	SW-846 8270E
, <b>J</b> .	SW-846 8270E	SW-846 8270E	
n-Nitrosomethylethylamine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
n-Nitrosodiethylamine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
n-Nitrosopyrrolidine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
n-Nitrosomorpholine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
n-Nitrosopiperidine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Benzal chloride	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
n-Nitrosodi-n-butylamine	EPA 625.1	EPA 625.1	SW-846 8270E
······································	SW-846 8270E	SW-846 8270E	
Phthalic acid/Phthalic	EPA 625.1	EPA 625.1	SW-846 8270E
anhydride	SW-846 8270E	SW-846 8270E	
5-Nitro-o-toluidine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Phorate	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Disulfoton	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Methyl parathion	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
Parathion	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
p-Phenylenediamine	EPA 625.1	EPA 625.1	SW-846 8270E
1	SW-846 8270E	SW-846 8270E	
1-Naphthylamine	EPA 625.1	EPA 625.1	SW-846 8270E
1 3	SW-846 8270E	SW-846 8270E	
2-Naphthylamine	EPA 625.1	EPA 625.1	SW-846 8270E
1 9	SW-846 8270E	SW-846 8270E	
Dinoseb	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
4-Aminobiphenyl	EPA 625.1	EPA 625.1	SW-846 8270E
1 3	SW-846 8270E	SW-846 8270E	
p-(Dimethylamino)	EPA 625.1	EPA 625.1	SW-846 8270E
azobenzene	SW-846 8270E	SW-846 8270E	
3,3'-Dimethylbenzidine	EPA 625.1	EPA 625.1	SW-846 8270E
	SW-846 8270E	SW-846 8270E	
n-Nitrosodimethylamine	EPA 625.1	EPA 625.1	SW-846 8270E
, ,	SW-846 8270E	SW-846 8270E	
Explosives			
HMX	SW-846 8330B	SW-846 8330B	SW-846 8330B
RDX	SW-846 8330B	SW-846 8330B	SW-846 8330B
1,3,5-Trinitrobenzene	SW-846 8330B	SW-846 8330B	SW-846 8330B
1,3-Dinitrobenzene	SW-846 8330B	SW-846 8330B	SW-846 8330B
Tetryl	SW-846 8330B	SW-846 8330B	SW-846 8330B
2,4,6-Trinitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B
4-Amino 2,6 Dinitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B
2-Amino 4,6-Dinitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B
2,4-Dinitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
2,6-Dinitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B
2-Nitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B
3-Nitrotoluene	SW-846 8330B	SW-846 8330B	SW-846 8330B
Nitrogylercin	SW-846 8330B	SW-846 8330B	SW-846 8330B
PETN	SW-846 8330B	SW-846 8330B	SW-846 8330B
3,5-Dinitroaniline	SW-846 8330B	SW-846 8330B	SW-846 8330B
High-Resolution Mass Spec			
N-nitrosodimethylamine	TAP-01-0403-015	TAP-01-0403-015	TAP-01-0403-015
······	Nitrosamines	Nitrosamines	Nitrosamines
	HRGCS/HRMS	HRGCS/HRMS	HRGCS/HRMS
N-nitrodimethylamine	TAP-01-0403-015	TAP-01-0403-015	TAP-01-0403-015
	Nitrosamines	Nitrosamines	Nitrosamines
	HRGCS/HRMS	HRGCS/HRMS	HRGCS/HRMS
N-nitroso-di-n-propylamine	TAP-01-0403-015	TAP-01-0403-015	TAP-01-0403-015
	Nitrosamines	Nitrosamines	Nitrosamines
	HRGCS/HRMS	HRGCS/HRMS	HRGCS/HRMS
N-Nitrosodiethylamine	TAP-01-0403-015	TAP-01-0403-015	TAP-01-0403-015
	Nitrosamines	Nitrosamines	Nitrosamines
	HRGCS/HRMS	HRGCS/HRMS	HRGCS/HRMS
N-Nitrosopyrrolidine	TAP-01-0403-015	TAP-01-0403-015	TAP-01-0403-015
	Nitrosamines	Nitrosamines	Nitrosamines
	HRGCS/HRMS	HRGCS/HRMS	HRGCS/HRMS
N-Nitrosodi-n-Butylamine	TAP-01-0403-015	TAP-01-0403-015	TAP-01-0403-015
	Nitrosamines	Nitrosamines	Nitrosamines
	HRGCS/HRMS	HRGCS/HRMS	HRGCS/HRMS
Chemistry Environmental -			
Dichlorodifluoromethane		TO-15/TO-14A	
Methyl Chloride		TO-15/TO-14A	
1,2-Dichloro-1,1,2,2-		TO-15/TO-14A	
Tetafluoroethane			
Vinyl chloride		TO-15/TO-14A	
Methyl bromide		TO-15/TO-14A	
Ethyl chloride		TO-15/TO-14A	
Trichlorofluoromethane		TO-15/TO-14A	
1,1-Dichloroethene		TO-15/TO-14A	
Methylene Chloride		TO-15/TO-14A	
1,1,2-Trichloro-1,2,2-		TO-15/TO-14A	
Trifluoroethane			
1,1-Dichloroethane		TO-15/TO-14A	
cis-1,2-Dichloroethylene		TO-15/TO-14A	
Chloroform		TO-15/TO-14A	
1,2-Dichloroethane		TO-15/TO-14A	
1,1,1-Trichloroethane		TO-15/TO-14A	
, ,		TO-15/TO-14A TO-15/TO-14A	
Benzene Carbon tetrachloride			
		TO-15/TO-14A	
1,2-Dichloropropane		TO-15/TO-14A	
Trichloroethene		TO-15/TO-14A	
cis-1-3-Dichloropropene		TO-15/TO-14A	

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DETERMINANT(S) / ANALYTE(S)	NON-POTABLE WATER	SOLID HAZARDOUS WASTE – AQUEOUS	SOLID HAZARDOUS WASTE – SOLID
trans-1,3-Dichloropropene		TO-15/TO-14A	
1,1,2-Trichloroethane		TO-15/TO-14A	
Toluene		TO-15/TO-14A	
1,2-Dibromoethane		TO-15/TO-14A	
Tetrachloroethylene		TO-15/TO-14A	
Chlorobenzene		TO-15/TO-14A	
Ethylbenzene		TO-15/TO-14A	
m-Xylene		TO-15/TO-14A	
p-Xylene		TO-15/TO-14A	
Styrene		TO-15/TO-14A	
1,1,2,2-Tetrachloroethane		TO-15/TO-14A	
o-Xylene		TO-15/TO-14A	
1,3,5-Trimethylbenzene		TO-15/TO-14A	
1,2,4-Trimethylbenzene		TO-15/TO-14A	
m-Dichlorobenzene		TO-15/TO-14A	
Benzyl chloride		TO-15/TO-14A	
o-Dichlorobenzene		TO-15/TO-14A	
p-Dichlorobenzene		TO-15/TO-14A	
1,2,4-Trichlorobenzene		TO-15/TO-14A	
Hexachlorobutadiene		TO-15/TO-14A	
Trans-1,2-Dichloroethylene		TO-15/TO-14A	
1,4-Dioxane		TO-15/TO-14A	
Methyl methacrylate		TO-15/TO-14A	
Heptane		TO-15/TO-14A	
Vinyl Acetate		TO-15/TO-14A	

#### ISO/IEC 17025 Scope

Chemistry Environmental - Inorganic		
Non-potable water, Soil, Solid Hazardous Waste (Aqueous and Solid)		
ASTM D93	Ignitability - flash point by Pensky-Martens closed cup tester	
ASTM D3977	Standard Test Method for Determining Sediment Concentration in Water Samples	
ASTM D5057	Density	
EPA 120.1	Conductivity – Non-potable water only	
EPA 150.1	pH / Corrosivity	
EPA 160.1	Residue-filterable (TDS) - gravimetric, dried at 180°C Non-potable water only	
EPA 160.2	Residue-nonfilterable (TSS) - gravimetric, dried at 103-105°C Non-potable water only	



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EPA 200.7	Determination of metals and trace elements by inductively coupled plasma- atomic emission spectrometry
	Parameters: Antimony (Sb), Arsenic (As), Barium(Ba), Boron (B), Beryllium (Be), Cadmium (Cd), Calcium (Ca), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Lithium (Li), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Phosphorus (P), Potassium (K), Selenium (Se), Silica (SiO <sub>2</sub> ), Silver (Ag), Sodium (Na), Strontium (Sr), Technetium-99(Tc), Thallium (TI), Thorium (Th),Tin (Sn), Titanium (Ti), Uranium (U), Vanadium (V), Zinc (Zn
EPA 200.8	Determination of trace elements by inductively coupled plasma-mass spectrometry
	Parameters: Antimony (Sb), Arsenic (As), Barium(Ba), Boron (B), Beryllium (Be), Cadmium (Cd), Calcium (Ca), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Lithium (Li), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Phosphorus (P), Potassium (K), Selenium (Se), Silica (SiO2), Silver (Ag), Sodium (Na), Strontium (Sr), Technetium-99(Tc), Thallium (TI), Thorium (Th),Tin (Sn), Titanium (Ti), Uranium (U), Vanadium (V), Zinc (Zn
EPA 300	Inorganic anions by ion chromatography: Bromide, Chloride, Fluoride, Nitrate as N, Nitrate plus nitrite as N, Nitrite as N, Orthophosphate as P, Sulfate
EPA 310.1	Alkalinity as CaCO3 - titrimetric Non-potable water only
EPA 335.1	Amenable Cyanide by Automated colorimetric, with off-line distillation Titrimetric and manual spectrophotometric
EPA 335.2	Total Cyanide by Titrimetric, manual Spectrophotometric, semi-automated colorimetric, Automated colorimetric
EPA 335.4	Total Cyanide by Titrimetric, manual Spectrophotometric, semi-automated colorimetric, Automated colorimetric
EPA 340.2	Fluoride – ISE
EPA 376.1	Sulfide - titrimetric, iodine
EPA 415.1	Total Organic Carbon (TOC)
EPA 1010A	Ignitability - flash point by Pensky-Martens closed cup tester
EPA 1040	Oxidizing Solids Hazardous Waste (Solid) only
EPA 1050	Substances Likely to Spontaneously Combust/Self Heat Solid Hazardous Waste (Solid) only
EPA 1110A	Corrosivity Towards Steel
EPA 1311	Toxicity characteristic leaching procedure

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EPA 1312	Synthetic Precipitation Leaching Procedure	
EPA 1664B	n-Hexane Extractable Material (O&G)	
EPA 1664B	Oil and Grease	
EPA 1664B	Silica Gel Treated n-Hexane Extractable Material (SGT-HEM) Non-Potable Water Solid Hazardous Waste (Aqueous) only	
EPA 1664B	Total Petroleum Hydrocarbons Non-Potable Water Solid Hazardous Waste (Aqueous) only	
EPA 2340B	Total Hardness as CaCO3 by Calculation Non-Potable Water only	
EPA 6010D	Determination of metals and trace elements by inductively coupled plasma- atomic emission spectrometry	
	Parameters: Antimony (Sb), Arsenic (As), Barium(Ba), Boron (B), Beryllium (Be), Cadmium (Cd), Calcium (Ca), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Lithium (Li), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Phosphorus (P), Potassium (K), Selenium (Se), Silica (SiO <sub>2</sub> ), Silver (Ag), Sodium (Na), Strontium (Sr), Technetium-99(Tc), Thallium (TI), Thorium (Th),Tin (Sn), Titanium (Ti), Uranium (U), Vanadium (V), Zinc (Zn	
EPA 6020B	Determination of trace elements by inductively coupled plasma-mass spectrometry	
	Parameters: Antimony (Sb), Arsenic (As), Barium(Ba), Boron (B), Beryllium (Be), Cadmium (Cd), Calcium (Ca), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Lithium (Li), Magnesium (Mg), Manganese (Mn), Molybdenum (Mo), Nickel (Ni), Phosphorus (P), Potassium (K), Selenium (Se), Silica (SiO2), Silver (Ag), Sodium (Na), Strontium (Sr), Technetium-99(Tc), Thallium (TI), Thorium (Th),Tin (Sn), Titanium (Ti), Uranium (U), Vanadium (V), Zinc (Zn	
EPA 7470A	Mercury	
EPA 7471B	Mercury	
EPA 9012B	Amenable Cyanide by Automated colorimetric, with off-line distillation Titrimetric and manual spectrophotometric	
EPA 9014	Amenable Cyanide by Automated colorimetric, with off-line distillation Titrimetric and manual spectrophotometric	
EPA 9034	Sulfide - titrimetric, iodine	
EPA 9040C	pH / Corrosivity	
EPA 9045D	pH / Corrosivity	



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EPA 9050A	Conductivity Non-Potable Water only
EPA 9095B	Paint Filter Hazardous Waste (Solid) only
EPA 9056A	Inorganic anions by ion chromatography: Bromide, Chloride, Fluoride, Nitrate as N, Nitrate plus nitrite as N, Nitrite as N, Orthophosphate as P, Sulfate
EPA 9060A	Total Organic Carbon (TOC)
EPA 9060M	Total Organic Carbon (TOC)
SM 2320B	Alkalinity as CaCO3 - titrimetric Non-potable water only
SM 2510B	Conductivity Non-potable water only
SM 2540C	Residue-filterable (TDS) - gravimetric, dried at 180°C Non-potable water only
SM 2540D	Residue-nonfilterable (TSS) - gravimetric, dried at 103-105°C Non-potable water only
SM 4500F C	Fluoride – ISE
SW 846 9012B	Total Cyanide by Titrimetric, manual Spectrophotometric, semi-automated colorimetric, Automated colorimetric
SW 846 9014	Total Cyanide by Titrimetric, manual Spectrophotometric, semi-automated colorimetric, Automated colorimetric
UN 33.3.1.4	Substances Likely to Spontaneously Combust/Self Heat Solid Hazardous Waste (Solid) only
UN 33.3.1.6	Substances Likely to Spontaneously Combust/Self Heat Solid Hazardous Waste (Solid) only
UN 34.4.1	Oxidizing Solids Hazardous Waste (Solid) only
Chemistry Inorganic – M	etals
Biological Tissue	
EPA 6010D, EPA 6020B	Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Molybdenum, Nickel, Phosphorus, Potassium, Selenium, Silica, Silver,

Sodium, Strontium, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc

Chemistry Environmental – Organics

EPA 7471B

Non-potable water, Solid Hazardous Waste (Aqueous and Solid)

Mercury



International Accreditation Service, Inc.

EPA 1613B	Tetra- through octa-chlorinated dioxins and furans by dilution HRGC/HRMS
	Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) by high-resolution gas chromatography/high resolution mass spectrometry (HRGC/HRMS):
	OCDF OCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF 1,2,3,4,7,8-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDF 2,3,4,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 2,3,7,8-TCDD 2,3,4,6,7,8-TCDD Total HpCDF Total HpCDF Total HpCDD Total HxCDD Total HxCDD Total PeCDF Total PeCDD Total TCDF Total TCDF Total TCDD
EPA 8081/8081A	PCBs: Aroclor -1016, Aroclor -1221, Aroclor -1232, Aroclor -1242, Aroclor -1248, Aroclor -1254, Aroclor -1260
EPA 8081/8081A/8081B	Pesticides: alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane, Chlordane, Toxaphene
EPA 8260D	Volatile organic compounds by gas chromatography/mass spectrometry (GC/MS): Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Bromomethane, Chloroethane, Acetone, Trichlorofluoromethane, 1,1-Dichloroethene, Methylene chloride, Carbon disulfide, trans-1,2-Dichloroethene, 1,1- Dichloroethane, 2-Butanone, cis-1,2-Dichloroethene, Bromochloromethane, Chloroform, 2,2-Dichloropropane, 1,1,1-Trichloroethane, 1,1-Dichloropropene, Benzene, Carbon tetrachloride, Dibromomethane, 1,2-Dichloropropane, Bromodichloromethane, Trichloroethene, 4-Methyl-2-pentanone, cis-1,3- Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, 1,3-





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EPA 8280B	Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) by high-resolution gas chromatography/ low-resolution mass spectrometry (HRGC/LRMS:
	OCDF   OCDD   1,2,3,4,6,7,8-HpCDF   1,2,3,4,6,7,8-HpCDF   1,2,3,4,7,8-HpCDF   1,2,3,4,7,8-HxCDF   1,2,3,4,7,8-HxCDD   1,2,3,6,7,8-HxCDF   1,2,3,6,7,8-HxCDF   1,2,3,7,8,9-HxCDF   1,2,3,7,8,9-HxCDF   1,2,3,7,8-PeCDF   1,2,3,7,8-PeCDF   2,3,4,6,7,8-HxCDF   2,3,4,6,7,8-HxCDF   2,3,7,8-PeCDF   2,3,7,8-PeCDF   2,3,7,8-TCDF   2,3,7,8-TCDF   2,3,7,8-TCDD   Total HpCDF   Total HpCDF   Total HpCDD   Total PeCDF   Total PeCDD   Total PeCDD   Total TCDF   Total TCDF
EPA 8290/8290A	Tetra- through octa-chlorinated dioxins and furans by dilution HRGC/HRMSPolychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) by high-resolution gas chromatography/high resolution mass spectrometry (HRGC/HRMS)OCDF OCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,7,8,9-HxCDD 1,2,3,7,8-PeCDF
	1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 2,3,4,6,7,8-HxCDF 2,3,4,7,8-PeCDF

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	2,3,7,8-TCDF 2,3,7,8-TCDD Total HpCDF Total HpCDD Total HxCDF Total HxCDD Total PeCDF Total PeCDD Total TCDF Total TCDF
Chemistry Environmenta	
Atmosphere and Emissio	on
EPA TO-15/TO-14A	Volatile organic compounds: Dichlorodifluoromethane, Methyl Chloride, 1,2-Dichloro-1,1,2,2- Tetafluoroethane, Vinyl chloride, Methyl bromide, Ethyl chloride, Trichlorofluoromethane, 1,1-Dichloroethane, Methylene Chloride, 1,1,2- Trichloro-1,2,2-Trifluoroethane, 1,1-Dichloroethane, cis-1,2-Dichloroethylene, Chloroform, 1,2-Dichlorotheane, 1,1,1-Trichloroethane, Benzene, Carbon tetrachloride, 1,2-Dichloropropane, Trichloroethylene, cis-1-3-Dichloropropene, trans-1,3-Dichloropropene, 1,1,2-Trichloroethane, Toluene, 1,2- Dibromoethane, Tetrachloroethylene, Chlorobenzene, Ethylbenzene, m- Xylene, p-Xylene, Styrene, 1,1,2,2-Tetrachloroethane, o-Xylene, 1,3,5- Trimethylbenzene, 1,2,4-Trimethylbenzene, m-Dichlorobenzene, Benzyl chloride, o-Dichlorobenzene, p-Dichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, Trans-1,2-Dichloroethylene
TO-15	Volatile organic compounds: 1,4-Dioxane, Methyl methacrylate, Heptane, Vinyl Acetate
Chemistry Environmenta	I – Radiochemistry
Non-potable water, Solid	Hazardous Waste (Aqueous and Solid)
DOE Methods Compendium RP 300A	Nickel-59 Non-potable water only
DOE Methods Compendium RP 300A	Nickel-63 Non-potable water only
EPA 906.0	Tritium Solid Hazardous Waste (Aqueous/Solid) only
EPA 908.0	Uranium
EPA 9310	Gross Alpha
EPA 9310	Gross Beta
EPA EMSL LV 053917, p.33	Plutonium

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Alpha Spectrometry - TA	APs For Various Matrices
Radiochemistry	
EPA EMSL LV 053917, p.65	Strontium-89/90
EPA EMSL LV 053917, p.33	Plutonium, Thorium, Uranium
Biological Tissue	1
Radiochemistry	
HASL-300 U-02-RC	Uranium
HASL-300 Pu-01-RC	Plutonium
HASL-300 Ga-01-R	Gamma, Radioassay
HASL-300 Am-03-RC	Americium-241
EPA 900.0	Gross Alpha Gross Beta
Atmosphere and Emissi	on
Chemistry Environment	al – Radiochemistry
SM 7110B	Gross Beta
SM 7110B	Gross Alpha
HASL-300 Tc-01-RC	Technetium-99 Solid Hazardous Waste (Aqueous/Solid) only
HASL-300 Se-03-RC	Uranium
HASL-300 Se-03-RC	Plutonium
HASL-300 Se-03-RC	Americium
HASL-300 Ga-01-R	Gamma, Radioassay Solid Hazardous Waste (Aqueous/Solid) only
HASL-300 Am-06-RC	Plutonium
HASL-300 Am-06-RC	Americium
EPA EMSL LV 053917, p.65	Strontium-89/90 Solid Hazardous Waste (Aqueous/Solid) only
EPA EMSL LV 053917, p.33	Uranium
EPA EMSL LV 053917, p.33	Thorium Solid Hazardous Waste (Aqueous/Solid) only



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TAP 01-0411-031	Am-241, Am-243, Cf-252, Cm-242, Cm-243/244, Cm-245/246, Np-237,Po-209, Po-210, Pu-236, Pu-238, Pu-239/240, Pu-241, Pu-242, Pu-244, Ra-226, Th- 228, Th-229, Th-230, Th-232, U-232, U-233/234, U-235/236, U-238
TAP 01-0411-043	Am-241, Am-243, Cf-252, Cm-242, Cm-243/244, Cm-245/246, Np-237, Po-209, Po-210, Pu-236, Pu-238, Pu-239/240, Pu-241, Pu-242, Pu-244, Ra-226, Th-228, Th-229, Th-230, Th-232, U-232, U-233/234, U-235/236, U-238
TAP 01-0411-044	Am-241, Am-243, Cf-252, Cm-242, Cm-243/244, Cm-245/246, Np-237,Po-209, Po-210, Pu-236, Pu-238, Pu-239/240, Pu-241, Pu-242, Pu-244, Ra-226, Th-228, Th-229, Th-230, Th-232, U-232, U-233/234, U-235/236, U-238
TAP 01-0411-045	Am-241, Am-243, Cf-252, Cm-242, Cm-243/244, Cm-245/246, Np-237,Po-209, Po-210, Pu-236, Pu-238, Pu-239/240, Pu-241, Pu-242, Pu-244, Ra-226, Th- 228, Th-229, Th-230, Th-232, U-232, U-233/234, U-235/236, U-238
TAP 01-0411-059	Am-241, Am-243, Cf-252, Cm-242, Cm-243/244, Cm-245/246, Np-237,Po-209, Po-210, Pu-236, Pu-238, Pu-239/240, Pu-241, Pu-242, Pu-244, Ra-226, Th-228, Th-229, Th-230, Th-232, U-232, U-233/234, U-235/236, U-238
Gamma Spectrometry	· ·
TAP 01-0411-015	Germanium gamma spectrum analysis: 46 to 1836 keV, I-129, I-131, Ni-59
TAP 01-0411-019	Germanium gamma spectrum analysis: 46 to 1836 keV, I-129, I-131, Ni-59
TAP 01-0411-024	Germanium gamma spectrum analysis: 46 to 1836 keV, I-129, I-131, Ni-59
TAP 01-0411-056	Germanium gamma spectrum analysis: 46 to 1836 keV, I-129, I-131, Ni-59
TAP 01-0411-057	Germanium gamma spectrum analysis: 46 to 1836 keV, I-129, I-131, Ni-59
TAP 01-0411-058	Germanium gamma spectrum analysis: 46 to 1836 keV, I-129, I-131, Ni-59
TAP-01-0411-056	Analysis of iron -55 and nickel – 69 by extended – range gamma analysis
Gas Flow Proportional	Counting
TAP 01-0411-007	Gross Alpha, Gross Beta, Total radium, Pb-210, Ra-228, Sr-89, Sr-90
TAP 01-0411-011	Gross Alpha, Gross Beta, Total radium, Pb-210, Ra-228, Sr-89, Sr-90
TAP 01-0411-022	Gross Alpha, Gross Beta, Total radium, Pb-210, Ra-228, Sr-89, Sr-90
TAP 01-0411-050	Gross Alpha, Gross Beta, Total radium, Pb-210, Ra-228, Sr-89, Sr-90
Liquid Scintillation	
TAP 01-0411-013	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
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TAP 01-0411-019	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-049	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-052	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-053	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-054	Analysis by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-055	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-057	Analysis by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP 01-0411-058	Analysis for total activity by liquid scintillation counting: Tc-99, C-14, Fe-55, H-3, I-129, Ni-59, Ni-63, Pm-147, Pu-241
TAP-01-0411-054	Tritium and carbon - 14 preparation using sample oxidizer
Chemical	
ASTM C761	Standard test methods for chemical, mass spectrometric, spectrochemical, nuclear, and radiochemical analysis of uranium hexafluoride
ASTM C787	Standard specification for uranium hexafluoride for enrichment
ASTM C1287	Standard test method for determination of impurities in nuclear grade uranium compounds by inductively coupled plasma mass spectrometry
ASTM C1474	Standard test method for analysis of isotopic composition of uranium in nuclear- grade fuel material by quadrupole inductively coupled plasma-mass spectrometry
EPA 218.6	Determination of dissolved hexavalent chromium in drinking water, groundwater, and industrial wastewater effluents by ion chormatography
EPA 350.1	Nitrogen, ammonia (colorimetric, automated phenate)
EPA 365.3	Phosphorus, all forms (colorimetric, ascorbic acid, two reagent)
EPA 410.4	The determination of chemical oxygen demand by semi-automated colorimetry
EPA 3038A	Emission Testing
EPA 3571	Extraction of Solid and Aqueous Samples for Chemical Agents
EPA 3572	Extraction of Chemical Agents from Wipe Samples using Micro extraction

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EPA 7196A	Chromium, hexavalent (colorimetric)
EPA 7199	Determination of hexavalent chromium in drinking water, groundwater and industrial wastewater effluents by ion chromatography
EPA 8330A	Nitroaromatics and nitramines by high performance liquid chromatography (HPLC)
EPA 9030B	Acid-soluble and acid-insoluble sulfides: distillation
TAP-01-0406-166	Analysis and specification for uranium hexafluoride for enrichment
TAP-01-0406-166A	Hydrolysis of UF₀ samples
TAP-01-0406-166B	Determination of uranium in UF <sub>6</sub>
TAP-01-0406-166C	Analysis of isotropic composition of uranium in UF <sub>6</sub> by ICP-MS
TAP-01-0406-166D	Determination of metallic impurities in $UF_6$ by ICP-AES
TAP-01-0406-166E	Determination of technetium -99 in UF <sub>6</sub> by ICP-MS
TAP-01-0406-166G	Determination of bromide and chloride in UF <sub>6</sub>
TAP-01-0406-166H	Determination of silicon in UF <sub>6</sub>
TAP-01-0406-166I	Determination of phosphrous in UF <sub>6</sub>
TAP-01-0406-166J	Preparation of UF <sub>6</sub> Hydrolysates for metal
TAP-01-0406-184	Infrared Analysis (FTIR)
TAP-01-0411-045	Neodymium fluoride precipitation
TAP-01-0411-057	Analysis of nickel – 59/63 and iron – 55 by anion exchange resins
TAP-01-0411-058	Separation of iron – 55 and nickel - 59/63 with eichrom resins
TAP-01-0605-063	Method 8330 nitroaromatics and nitroamines (ordnance) analysis by high performance liquid chromatography (HPLC)
TAP-01-0605-075	Analysis of solid and wipe samples for GB, VX, and HD
TAP-01-0605-089	Chemical agent decontamination testing using sorbent powder
TAP-01-0605-094	LCMS analysis of wipe, soil/solid and liquid (Rinsate) samples for MPA, EMPA, DIMP, DMMP, TDG, IMPA and EA-2192
Fire	
10 CFR 71.73	Hypothetical accident conditions, Section 4 - Thermal (only)
16 CFR 1633	Commercial practices – standard for the flammability (open flame) of mattress sets





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16 CFR 1634	Commercial practices – standard test to upholstered furniture
49 CFR 179, Appendix B	Procedures for simulated pool and torch fire testing
49 CFR 393.67, Section d / FMSCA 393.67	Liquid fuel tank tests — pressure resistance, safety venting test, and leakage tests (only)
ABD 0031	Fire test to aircraft material- Airbus standard
AITM 2.0007	Smoke Density Flaming Mode
AITM 3.0005	Combustion Toxicity for Insulated Wire/Cable
API 607	Fire test for soft-seated quarter turn valves
ASTM C167	Standard test methods for thickness and density of blanket or batt thermal insulations
ASTM C1166	Standard test method for flame propagation of dense and cellular elastomeric gaskets and accessories
ASTM D635	Standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position
ASTM D1929	Standard test method for determining ignition temperature of plastics
ASTM D2859	Standard test method for ignition characteristics of finished textile floor covering materials
ASTM D2863	Standard test method for measuring the minimum oxygen concentration to support candle-like combustion of plastics (oxygen index)
ASTM D3014	Standard test method for flame height, time of burning and loss of mass of rigid thermoset cellular plastics in a vertical position
ASTM D3675	Standard test method for measuring the minimum oxygen concentration to support candle-like combustion of plastics (oxygen index)
ASTM D3801	Standard test method for measuring the comparative burning characteristics of solid plastics in a vertical position
ASTM D5865	Standard test method for gross calorific value of coal and coke
ASTM D7309	Standard test method for determining flammability characteristics of plastics and other solid materials using microscale combustion calorimetry
ASTM E84	Standard test method for surface burning characteristics of building materials
ASTM E108	Standard test methods for fire tests of roof coverings
ASTM E119	Standard test methods for fire tests of building construction and materials
ASTM E136	Standard test method for behavior of materials in a vertical tube furnace at 750°C

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ASTM E162	Standard test method for surface flammability of materials using a radiant heat energy source
ASTM E648	Standard test method for critical radiant flux of floor-covering systems using a radiant heat energy source
ASTM E662	Standard test method for specific optical density of smoke generated by solid materials
ASTM E800	Standard guide for measurement of gases present or generated during fires
ASTM E814	Standard test method for fire tests of penetration firestop systems
ASTM E970	Standard test method for critical radiant flux of exposed attic floor insulation using a radiant heat energy source
ASTM E1317	Standard test method for flammability of marine surface finishes
ASTM E1321	Standard test method for determining material ignition and flame spread properties
ASTM E1354	Standard test method for heat and visible smoke release rates for materials and products using an oxygen consumption calorimeter
ASTM E1474	Standard test method for determining the heat release rate of upholstered furniture and mattress components or composites using a bench scale oxygen consumption calorimeter
ASTM E1529	Standard test methods for determining effects of large hydrocarbon pool fires on structural members and assemblies
ASTM E1537	Standard test method for fire testing of upholstered furniture
ASTM E1590	Standard test method for fire testing of mattresses
ASTM E1725	Standard test methods for fire tests of fire-resistive barrier systems for electrical system components
ASTM E1740	Standard test method for determining the heat release rate and other fire-test- response characteristics of wall coverings or ceiling covering composites using a cone calorimeter
ASTM E1822	Standard test method for fire testing of stacked chairs
ASTM E2226	Standard practice for application of hose stream
ASTM E2230	Standard practice for thermal qualification of type b packages for radioactive material Exclude CI. 7.4 – Radiant Heating test
ASTM E2231	Standard practice for specimen preparation and mounting of pipe and duct
	insulation materials to asses surface burning characteristics



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ASTM E2257	Standard test method for room fire test of wall and ceiling materials and assemblies
ASTM E2307	Standard test method for determining fire resistance of perimeter fire barriers using intermediate-scale, multi-story test apparatus
ASTM E2404	Standard practice for specimen preparation and mounting of textile, paper or polymeric (including vinyl) and wood wall or ceiling coverings, facings and veneers, to assess surface burning characteristics
ASTM E2573	Standard practice for specimen preparation and mounting of site-fabricated stretch systems to assess surface burning characteristics
ASTM E2579	Standard practice for specimen preparation and mounting of wood products to assess surface burning characteristics
ASTM E2599	Standard practice for specimen preparation and mounting of reflective insulation, radiant barrier and vinyl stretch ceiling materials for building applications to assess surface burning characteristics
ASTM E2768	Standard test method for extended duration surface burning characteristics of building materials – 30 minute tunnel test
ASTM E2816	Standard test methods for fire resistive metallic HVAC duct systems
ASTM F1387	Standard specification for performance of piping and tubing mechanically attached fittings: Section 7 – Fire Test
ASTM F1989	Standard Specification for Cooking Fire Suppression Blankets, Section 6, Fire Performance, as well as Annex C and D
ASTM F3059	Standard specification for fiber-reinforced polymer (FRP) gratings used in marine construction and shipbuilding: Section 17 – Structural Fire Integrity
ASTM G72	Standard test method for autogenous ignition temperature of liquids and solids in a high-pressure oxygen-enriched environment
BS 476-20	Fire tests on building materials and structures - part 20: method for determination of the fire resistance of elements of construction (general principles)
BS 476-21	Fire tests on building materials and structures – part 21: methods for determination of the fire resistance of loadbearing elements of construction
BS 476-22	Fire tests on building materials and structures – part 22: method for determination of the fire resistance of non-loadbearing elements of construction
BS 476-23	Fire tests on building materials and structures – part 23: methods for determination of the contribution of components to the fire resistance of a structure
BS 476-24	Fire tests on building materials and structures – part 24: method for determination of the fire resistance of ventilation ducts





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BS EN 1869	Fire Blankets, Section 4.5, Fire Performance Tests
BSS 7238	Fire test to aircraft material – smoke density
BSS 7239	Fire test to aircraft material – toxicity
CAL TB 116	Flame retardance of upholstered furniture
CAL TB 117	Flame retardance of resilient filling materials used in upholstered furniture
CAL TB 121	Flammability test procedure for mattresses for use in high risk occupancies
CAL TB 129	Flammability test procedure for mattresses for use in public buildings
CAL TB 133	Flammability testing of public seating
CAN/ULC-S101	Fire endurance tests of building construction and materials
CAN/ ULC-S102	Standard Method of Test for Surface Burning Characteristics of Wall and Ceiling Coverings
CAN/ULC-S102.2	Standard method of test for surface burning characteristics of building materials and assemblies
DOC FF-1-70	Standard for the surface flammability of small carpets and rugs
EB 4013	Compliant insulation products
ECE R34	Uniform provisions concerning the approval of vehicles with regard to the prevention of fire risks, only Annex 5, Section 5
ECE R100	Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train, Annex 8E, Fire resistance.
EN ISO 1182	Reaction to fire tests for products non-combustibility test
EN ISO 1716	Reaction to fire tests for products determination of the gross heat of combustion (calorific value)
EN ISO 9239-1	Reaction to fire tests for floorings part 1: determination of the burning behaviour using a radiant heat source
EN ISO 11925-2	Reaction to fire tests ignitability of products subjected to direct impingement of flame part 2: single-flame source test
EN 13823	Single burning item test for building materials and products
FAR 23.853	Airworthiness standards: normal, utility, acrobatic, and commuter category airplanes – design and construction – fire protection - passenger and crew compartment interiors
FAR 25.853	Airworthiness standards: transport category airplanes – design and construction – compartment interiors





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FM 2008	Automatic control mode sprinklers for fire protection (sections 4.8, 4.9 and 4.33 to 4.37)
FM 4651	Plastic suspended ceiling panels
FM 5560	Water mist systems
FMVSS 302	Laboratory test procedure for flammability of interior materials
FMVSS 304	U.S. Department of Transportation, National Highway Traffic Safety Administration, Laboratory Test Procedure for FMVSS 304, Compressed Natural Gas (CNG) Fuel Container Integrity, Bonfire Test
IEEE 1202	IEEE standard for flame testing of cables for use in cable tray in industrial and commercial occupancies
IMO FTP Code Annex 1 Part 1	Non-combustibility test
IMO FTP Code Annex 1 Part 2	Smoke and toxicity test
IMO FTP Code Annex 1 Part 3	Test for "A", "B" and "F" class divisions
IMO FTP Code Annex 1 Part 5	Test for surface flammability (test for surface materials and primary deck coverings) (Lift)
IMO FTP Code Annex 1 Part 6	Test for primary deck coverings
IMO FTP Code Annex 1 Part 7	Test for vertically supported textiles and films (BB test)
IMO FTP Code Annex 1 Part 8	Test for upholstered furniture
IMO FTP Code Annex 1 Part 9	Test for bedding components
IMO MSC 265	Guidelines for the approval of sprinkler systems equivalent to that referred to in solas regulation II-2/12
IMO MSC 848	Guidelines for the approval of equivalent fixed gas fire-extinguishing systems, as referred to in solas 74, for machinery spaces and cargo pump-rooms
IMO MSC 913	Guidelines for the approval of fixed water-based local application fire-fighting systems for use in category A machinery spaces
IMO MSC 1165	Guidelines for the approval of equivalent water-based fire-extinguishing systems for machinery spaces and cargo pump-rooms
IMO MSC 1268	Guidelines for the approval of fixed pressure water-spraying and water-based fire-extinguishing systems for cabin balconies

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IMO MSC 1272	Guidelines for the approval of fixed water-based fire-fighting systems for ro-ro spaces and special category spaces equivalent to that referred to in resolution A.123(V)
IMO Resolutions A.753(18)	Guidelines for the application of plastic pipe on ships
IMO Resolutions A.754(18)	Recommendation on fire resistance tests for A, B, F class divisions
ISO 834-1	Fire-resistance tests elements of building construction part 1: general requirements
ISO 834-4	Fire-resistance tests elements of building construction part 4: specific requirements for loadbearing vertical separating elements
ISO 834-5	Fire-resistance tests Elements of building construction Part 5: Specific requirements for loadbearing horizontal separating elements
ISO 834-6	Fire-resistance tests elements of building construction part 6: specific requirements for beams
ISO 834-7	Fire-resistance tests elements of building construction part 7: specific requirements for columns
ISO 834-8	Fire-resistance tests elements of building construction part 8: specific requirements for non-loadbearing vertical separating elements
ISO 834-9	Fire-resistance tests elements of building construction part 9: specific requirements for non-loadbearing ceiling elements
ISO 871	Plastics determination of ignition temperature using a hot-air furnace
ISO 5659-2	Plastics smoke generation part 2: determination of optical density by a single-chamber test
ISO 5660-1	Reaction-to-fire tests heat release, smoke production and mass loss rate part 1: heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)
ISO 5660-2	Reaction-to-fire tests heat release, smoke production and mass loss rate part 2: smoke production rate (dynamic measurement)
ISO 9705	Fire tests full-scale room test for surface products
ISO 14692-2	Petroleum and natural gas industries — Glass-reinforced plastics (GRP) piping — Part 2: qualification and manufacture Annex H – Fire endurance (only)
ISO 15371	Ships and marine technology – fire-extinguishing systems for protection of galley cooking equipment



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ISO 22899-1	Determination of the resistance to jet fires of passive fire protection materials — Part 1: general requirements
MIL-DTL-17	Detail specification – cables, radio frequency, flexible and semirigid Cl. 4.8.23, 4.8.25, 4.8.26, 2.8.27, 4.8.29, and 4.2.30 (only)
MIL-DTL-3316	Detail specification-adhesives, fire-resistant for thermal insulation Cl. 4.6.15.2, 4.6.15.3, 4.6.15.5, and 4.6.15.6 (only)
MIL-DTL-24640	Detail specification: cables – lightweight – electric - for shipboard use - general specification
MIL-DTL-24643	Detail Specification – cables, electric, low smoke halogen-free, for shipboard use Cl. 4.5.2.2, 4.8.13, 4.8.14, 4.8.23, 4.8.24, 4.8.25 and 4.8.27 (only)
MIL-DTL-28830	Detail Specification – cables, radio frequency, coaxial, semirigid, corrugated outer conductor Cl. 4.7.17, 4.7.18, 4.7.19, 4.7.20, and 4.7.21 (only)
MIL-F-24385	Military specification: fire extinguishing agent - aqueous film forming foam (AFFF) liquid concentrate - for fresh and seawater
MIL-P-24608	Military specification – pipe, fittings, and adhesive kits, glass-reinforced thermosetting epoxy resin for shipboard piping systems Cl. 4.5.16 and Cl.4.8.17 (only)
MIL-PRF-32161	Performance specification: insulation - high temperature fire protection - thermal and acoustic
MIL-PRF-32664	Performance Specification-Deck Panels, False, Composite Cl. 4.5.3.2; 4.5.3.3, and 4.5.4 (only)
MIL-STD-3020	Department of defense standard practice-fire resistance of U.S. naval surface ships
NES 711	Determination of the smoke index of the products of combustion from small specimens of materials
NES 713 Issue 3	Determination of the toxicity index of the products of combustion from small specimens of materials
NFPA 10	Standard for portable fire extinguishers (annex G)
NFPA 11	Standard for low-, medium-, and high-expansion foam (annex D, G, and H)
NFPA 18	Standard on wetting agents (sections 5.3.4 and 5.3.5)
NFPA 130	Standard for fixed guideway transit and passenger rail systems, chapter 8.4, flammability and smoke emission; and chapter 8.5, fire performance (ASTM C1166, D3675, E119, E162, E648, and E662)
NFPA 252	Standard methods of fire tests of door assemblies

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NFPA 253	Standard method of test for critical radiant flux of floor covering systems using a radiant heat energy source
NFPA 255	Standard method of test of surface burning characteristics of building materials
NFPA 256	Standard methods of fire tests of roof coverings
NFPA 257	Standard on fire test for window and glass block assemblies
NFPA 258	Recommended practice for determining smoke generation of solid materials
NFPA 259	Standard test method for potential heat of building materials
NFPA 265	Standard methods of fire tests for evaluating room fire growth contribution of textile or expanded vinyl wall coverings on full height panels and walls
NFPA 268	Standard test method for determining ignitability of exterior wall assemblies using a radiant heat energy source
NFPA 285	Standard fire test method for evaluation of fire propagation characteristics of exterior non-load-bearing wall assemblies containing combustible components
NFPA 286	Standard methods of fire tests for evaluating contribution of wall and ceiling interior finish to room fire growth
NFPA 415	Standard on airport terminal buildings, fueling ramp drainage, and loading walkways
NFPA 701	Standard methods of fire tests for flame propagation of textiles and films
SAE J2579, Annex C.12	Standard for Fuel Systems in Fuel Cell and Other Hydrogen Vehicles, Annex C.12 Localized Fire
SMP-800-C	Toxic gas generation
UL 9	Standard for fire tests of window assemblies
UL 10B	Standard for fire tests of door assemblies
UL 10C	Standard for positive pressure fire tests of door assemblies
UL 94	Standard for tests for flammability of plastic materials for parts in devices and appliances
UL 162	Standard for foam equipment and liquid concentrates (sections 8 to14)
UL 199	Standard for automatic sprinklers for fire-protection service (sections 30, 31.2 and 57 to 62)
UL 263	Standard for fire tests of building construction and materials
UL 555	Standard for fire dampers
UL 555C	Standard for ceiling dampers



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UL 558	Industrial trucks, internal combustion engine-powered Cl. 39 Backfire deflector element test (only)
UL 711	Rating and fire testing of fire extinguishers
UL 723	Standard for test for surface burning characteristics of building materials
UL 790	Standard for standard test methods for fire tests of roof covering
UL 1479	Standard for fire tests of penetration firestops
UL 1685	Standard for vertical-tray fire-propagation and smoke-release test for electrical and optical-fiber cables
UL 1709	Standard for rapid rise fire tests of protection materials for structural steel
UL 1715	Standard for fire test of interior finish material
UL 1887	Standard for fire test of plastic sprinkler pipe for visible flame and smoke characteristics
UL 1975	Standard for fire tests for foamed plastics used for decorative purposes
UL 2085	Standard for protected aboveground tanks for flammable and combustible liquids
UL 2196	Fire test for circuit integrity of fire-resistive power, instrumentation, control and data cables
UL 2218	Standard for impact resistance of prepared roof covering materials
UL 2335	Standard for fire tests of storage pallets
UN/ECE Regulation No 134 (R134), Para. 5.4	E/ECE/3243/Rev.2/Add.133 - E/ECE/TRANS/505/Rev.2/Add.133 - Regulation No. 134. Annex 3, Paragraph 5. Test Procedures for Service Terminating Performance in Fire (paragraph 5.4. of this Regulation)
UN GTR No. 13, Para. 6.2.5	Global Technical Regulation No. 13 (Hydrogen and fuel cell vehicles), Paragraph 6.2.5. Test Procedures for Service Terminating Performance in Fire (para. 5.1.4.)
Vds 3883-5en	Fire test protocol for water mist systems - part 5: protection of selected sales and storage areas and mechanical floors
Thermal	
ASTM C518	Standard test method for steady-state thermal transmission properties by means of the heat flow meter apparatus
NFPA 275	Standard method of fire tests for the evaluation of thermal barriers

ABD: Airbus Directive

AITM: American Institute of Timber Construction

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API: American Petroleum Institute BSS: British Standards Society CA TB: California Technical Bulletin EB: Electric Boat Corporation ECE: Economic Commission for Europe FAR: Federal Aviation Regulations FM: Factory Mutual IMO: International Maritime Organization MIL-DTL: Military Detail MIL-PFR: Military Detail MIL-PFR: Military Performance NES: Naval Engineering Standard NFPA: National Fire Protection Association UBC: Uniform Building Code UL: Underwriters Laboratories ULC: Underwriters Laboratories Canada

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