Scope of Accreditation (Page 1/12)

Test TS EN ISO/IEC 17025 AB-0551-T	**AST LABORATUVAR HİZMETLERİ** **Ast Laboratuvar Hizmetleri Ve Danışmanlık Tic. A.Ş.** **Accreditation N.: AB-0551-T** **Revision Date : 02 Tarih: 9 Haziran 2015**
Testing Laboratory	
Address : Yeni Yol Sok. Etap İş Merkezi B Blok No:20/7-8 Acıbadem Kadıköy İSTANBUL / TÜRKİYE	**Tel** : 0216 326 27 78 **Fax** : 0216 545 87 03 **E-Mail** : info@astlab.com.tr **Website** : www.astlab.com.tr

Product	Parameter	Method
Water **Wastewater** **Surface Water**	**Tungsten (W)**	ISO 11885
	Phthalates (SVOCs) butyl benzyl phthalate bis(2-ethylhexyl) adipat bis(2-ethykhexyl) phthal di-n-octyl phthalate	EPA 3510 C EPA 8270 D
	Organochlorine Pesticides (SVOCs) 1,2-dichlorobenzene 1,3-dichlorobenzene 1,2,4-trichlorobenzene 1,4-dichlorobenzene Pentachlorobenzene 1,2,4,5-tetrachlorobenze hexachlorobenzene	EPA 3510 C EPA 3630 C EPA 8270 D
	Chlorinated Phenols (SVOCs) 4-chlorophenol 2,4-dichlorophenol 2-chlorophenol 2,4,6-trichlorophenol phenol 3&4-methylphenol 2-methylphenol	EPA 3510 C EPA 8270 D
	Aromatic Compounds (SVOCs) Aniline o-anisidine o-p toluidine diphenylamine	EPA 3510 C EPA 8270 D
	Volatile Organic Compounds (VOCs) Tetrachloromethane (Carbon Tetrachloride) Dibromomethane Toluene 1,3-dichloropropene cis+trans Chlorobenzene 1,1,1,2-Tetrachloroethane p+m xilene Etilbenzene Styrene o xilene 1,1,2,2-Tetrachloroetane Bromobenzene	EPA 5021 A EPA 8260 C

Water Wastewater Surface Water	**Volatile Organic Compounds (VOCs) (Continue)** 1,3,5-trimetilbenzene 1,3-dichlorobenzene 1,4-dichlorobenzene 1,2-dichlorobenzene 1,2-dibromo 3-chloropropane 1,2,4-Trichlorobenzene Naphthalene 1,2,3-Trichlorobenzene Hexachloro 1,3-butadiene 1,2,4-trimetilbenzene Bromodichloromethane sec-butylbenzene p-isopropyltoluene (4-Isopropyltoluene) 1,2-dibromoethane n-Propylbenzene n-butylbenzene Tetrachloroethene Benzene tert-butylbenzene Dibromochloromethane (Chlorodibromomethane) Isopropylbenzene 1,1-Dichloropropene Bromoform cis-1,2-Dichloroethene trans-1,2-Dichloroethene Methylene chloride 1,1-Dichloroethane Trichlorofluoromethane (CFC)	EPA 5021 A EPA 8260 C
	Alkalinity, Total Alkalinity, Bicarbonate, Hydroxide, Carbonate, Bicarbonate Alkalinity, Hydroxide Alkalinity, Carbonate Alkalinity, Phenolphatelein Alkalinity	SM 2320 B
	BTEX Compounds Benzene Toluene Etilbenzene p+m xilene o xilene	EPA 5021 A EPA 8260 C
	Free Chlorine, Total Chlorine	TS 5489 EN ISO 7393-1
	Chemical Oxygen Demand (COD)	TS 2789/T1
	Total Solids	SM 2540 B
	Total Dissolved Solids	SM 2540 C
	Fixed and Volatile Solids	SM 2540 E
	Settleable Solids	SM 2540 F
	Residual Chlorine	SM 4500 Cl F
	Sulfide	SM 4500 S^{2-}F
	Sulfite	SM 4500 SO_3^{2-}B
	Free Cyanide	SM 4500 CN I SM 4500 CN E
	Total Cyanide	SM 4500 CN C SM 4500 CN E

Water **Wastewater** **Surface Water**	**Total Nitrogen (TN)**	SM 4500 Norg B SM 4500 NO_2 B SM 4500 NO_3 B SM 4500 NO_3 E TS EN ISO 10304-1
	Anions Bromide(Br^-), Chloride (Cl^-), Fluoride(F^-), Nitrite(NO_2^-), Nitrate (NO_3^-), Phosfate($PO_4^{=}$), Sulphate ($SO_4^{=}$)	TS EN ISO 10304-1
	Polycyclic Aromatic Hydrocarbons (PAHs) Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoanthene Benzo(k)fluoanthene Benzo(a)pyrene Indeno(1,2,3-c,d)pyrene Dibenzo(a,h)anthracene Benzo(ghi)perylene	EPA 3510 C EPA 3630 C EPA 8270 D
	Heavy Metals Silver (Ag), Alluminum (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chrome (Cr), Copper (Cu), Iron (Fe), Mercury (Hg), Potassium (K), Lithium (Li). Magnesium (Mg), Manganese (Mn), Molibden (Mo), Sodium (Na), Nickel (Ni), Phosphourus (P), Lead (Pb), Antimony (Sb), Selenium (Se), Tin (Sn), Strontium (Sr), Thallium (Tl), Titanium (Ti), Vanadium (V), Zinc (Zn)	SM 3030 B SM 3030 C SM 3030 D SM 3030 F SM 3030 G SM 3030 H SM 3030 I SM 3030 K
	Heavy Metals Silver (Ag), Alluminum (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chrome (Cr), Copper (Cu), Iron (Fe), Mercury (Hg), Potassium (K), Lithium (Li). Magnesium (Mg), Manganese (Mn), Molibden (Mo), Sodium (Na), Nickel (Ni), Phosphourus (P), Lead (Pb), Antimony (Sb), Selenium (Se), Tin (Sn), Strontium (Sr), Thallium (Tl), Titanium (Ti), Vanadium (V), Zinc (Zn)	EPA 200.7
	Heavy Metals Sulfur, Total Sulfur (S) Silissium, Silica, Total Silica, Colloidal Silica (Si) Tungsten (W)	ISO 11885
	Polychlorinated Biphenyls (PCBs) PCB 1, PCB 5, PCB 18, PCB 28, PCB 31, PCB 44, PCB 52, PCB 66, PCB 87, PCB 101, PCB 110, PCB 138, PCB 141, PCB 149, PCB 151, PCB 170, PCB 180, PCB 183, PCB 187, PCB 194, PCB 206, PCB 209 Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260	EPA 3510 C EPA 3665 A EPA 8082 A

Water Wastewater Surface Water	**Sodium Adsorption Ratio (SAR)**	SKKY Atıksu Artıma Tesisleri Teknik Usuller Tebliği
	Sodium (% Na)	SKKY Atıksu Artıma Tesisleri Teknik Usuller Tebliği
	Residual Sodium Carbonate Index (RSC)	SKKY Atıksu Artıma Tesisleri Teknik Usuller Tebliği
	Chemical Oxygen Demand (COD)	SM 5220 C
	Carbon Dioxide	SM 4500 CO_2 C
	Total Solids Dried	SM 2540 B
	Magnesium	SM 3500 Mg B
	Hardness	SM 2340 C
	Calcium	SM 3500 Ca B
	Acidity	SM 2310 B
Water Wastewater Surface Water Seawater	**pH**	SM 4500 H^+ B
	Conductivity	SM 2510 B
	Salinity	SM 2520 B
	Oxygen (Dissolved)	SM 4500 O G
	Biochemical Oxygen Demand ($BOİ_5$)	SM 5210 B
	Turbidity	SM 2130 B
	Total Suspended Solids (TSS)	SM 2540 D
	Temperature	SM 2550 B
	Oil and Grease	SM 5520 B
	Nitrogen (Ammonia)	SM 4500 NH_3 B
	Total Nitrogen (TKN)	SM 4500 Norg B
	Total Nitrogen (TKN)	SM 4500 Norg B
	Fish Toxicty Test (ZSF)	SKKY Atıksu Artıma Tesisleri Teknik Usuller Tebliği
	Color	SM 2120 C
	Phenol Index	TS 6227 ISO 6439
	Total Phosphorus (P) / Ortophosphate	SM 4500 P B SM 4500 P D
	Total Phosphorus (P)	EPA 200.7
	Anionic surfactants by measurement of the methylene blue index (MBAS)	TS 6550 EN 903
	Taste	SM 2160 B
	Hydrocarbon Oil Index (C10 – C40)	ISO 9377-2
	Oil and Grease	SM 5520 D
	Color	TS EN ISO 7887
	Odor	SM 2150 B
	Hexavalent Chromium (Cr^{+6})	SM 3500 Cr B
	Nitrite /Nitrate	SM 4500 NO_{3^-} E SM 4500 NO_{3^-} B
	Chlorine / Free Chlorine	SM 4500 Cl G
	Coagulation Flocculation Jar Test	ASTM D 2035
	Permanganate Index	TS 6288 EN ISO 8467
	Density	In- House Method/AST.SOP.51
	Color	SM 2120 B
	Nitrite /Nitrate	SM 4500 NO_2^- B
	Petroleum Hydrocarbons	SM 5520 B SM 5520 D SM 5520 E SM 5520 F

Water Wastewater Surface Water Seawater	**Total Nitrogen (TN)**	SM 4500 Norg B SM 4500 NO_2 B SM 4500 NO_3 B SM 4500 NO_3 E TS EN ISO 10304-1
	Phenol Index	SM 5530 B SM 5530 D
Seawater	**Heavy Metals** Arsenic (As), Cadmium (Cd), Chrome (Cr), Copper (Cu), Mercury (Hg), Nickel (Ni), Phosphourus (P), Lead (Pb), Strontium (Sr), Zinc (Zn)	SM 3030 B SM 3030 C SM 3030 D SM 3030 F SM 3030 G SM 3030 H SM 3030 I SM 3030 K EPA 200.7
	Tungsten (W)	ISO 11885
	TRIX Index	In-House Method/AST.SOP.53
	Secchi Disk Trasparency	EPA 841-B97-003
Sewage Sludge Waste Materials	**Tungsten (W)**	ISO 11885
	BTEX Compounds Benzene Toluene Etilbenzene p+m xilene o xilene	EPA 5021 A EPA 8260 C
	Phthalates (SVOCs) butyl benzyl phthalate bis(2-ethylhexyl) adipat bis(2-ethykhexyl) phthal di-n-octyl phthalate	EPA 3510 C EPA 8270 D
	Organochlorine Pesticides (SVOCs) 1,2-dichlorobenzene 1,3-dichlorobenzene 1,2,4-trichlorobenzene 1,4-dichlorobenzene Pentachlorobenzene 1,2,4,5-tetrachlorobenze hexachlorobenzene	EPA 3510 C EPA 3630 C EPA 8270 D
	Chlorinated Phenols (SVOCs) 4-chlorophenol 2,4-dichlorophenol 2-chlorophenol 2,4,6-trichlorophenol phenol 3&4-methylphenol 2-methylphenol	EPA 3510 C EPA 8270 D
	Aromatic Compounds (SVOCs) Aniline o-anisidine o-p toluidine diphenylamine	EPA 3510 C EPA 8270 D

Sewage Sludge Waste Materials	**Volatile Organic Compounds (VOCs)** Tetrachloromethane (Carbon Tetrachloride) Dibromomethane Toluene 1,3-dichloropropene cis+trans Chlorobenzene 1,1,1,2-Tetrachloroethane p+m xilene Etilbenzene Styrene o xilene 1,1,2,2-Tetrachloroetane Bromobenzene 1,3,5-trimetilbenzene 1,3-dichlorobenzene 1,4-dichlorobenzene 1,2-dichlorobenzene 1,2-dibromo 3-chloropropane 1,2,4-Trichlorobenzene Naphthalene 1,2,3-Trichlorobenzene Hexachloro 1,3-butadiene 1,2,4-trimetilbenzene Bromodichloromethane sec-butylbenzene p-isopropyltoluene (4-Isopropyltoluene) 1,2-dibromoethane n-Propylbenzene n-butylbenzene Tetrachloroethene Benzene tert-butylbenzene Dibromochloromethane (Chlorodibromomethane) Isopropylbenzene 1,1-Dichloropropene Bromoform cis-1,2-Dichloroethene trans-1,2-Dichloroethene Methylene chloride 1,1-Dichloroethane Trichlorofluoromethane (CFC)	EPA 5021 A EPA 8260 C
	pH	SM 4500 H^+ B
	Dry Residue and Water Content	TS 9546 EN 12880
	Leaching	TS EN 12457-4
	Anions Bromide(Br^-), Chloride (Cl^-), Fluoride(F^-), Nitrite(NO_2^-), Nitrate (NO_3^-), Phosfate($PO_4^{=}$), Sulphate ($SO_4^{=}$)	TS EN ISO 10304-1

Sewage Sludge Waste Materials	**Heavy Metals** Alluminum (Al), Arsenic (As), Barium (Ba), Calcium (Ca), Cadmium (Cd), Chrome (Cr), Copper (Cu), Mercury (Hg), Potassium (K), Lithium (Li). Magnesium (Mg), Molibden (Mo), Nickel (Ni), Lead (Pb), Antimony (Sb), Selenium (Se), Strontium (Sr), Zinc (Zn)	EPA 3050 B EPA 3051 A EPA 200.7
	Heavy Metals Sulfur, Total Sulfur (S) Silissium, Silica, Total Silica, Colloidal Silica (Si) Tungsten (W)	EPA 3050 B EPA 3051 A ISO 11885
	Loss of Ignition (LOI)	TS EN 12879 TS 9546 EN 12880
	Hydrocarbon Content (C10-C40)	TS EN 14039
	Polychlorinated Biphenyls (PCBs) PCB 1, PCB 5, PCB 18, PCB 28, PCB 31, PCB 44, PCB 52, PCB 66, PCB 87, PCB 101, PCB 110, PCB 138, PCB 141, PCB 149, PCB 151, PCB 170, PCB 180, PCB 183, PCB 187, PCB 194, PCB 206, PCB 209 Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260	EPA 3510 C EPA 3665 A EPA 8082 A
	Oil and Grease / Hydrocarbons / Petroleum Oils	SM 5520 E SM 5520 F
	Hexavalent Chromium (Cr^{+6})	SM 3500 Cr B
	Sulfide	SM 4500 S^{2-}F
	Total Nitrogen (TN)	SM 4500 Norg B SM 4500 NO_2 B SM 4500 NO_3 B SM 4500 NO_3 E TS EN ISO 10304-1
	Total Phosphorus (P) / Ortophosphate	SM 4500 P B SM 4500 P D EPA 200.7
	Total Dissolved Solids	SM 2540 C
	Phenol Index	TS 6227 ISO 6439
	Phenol Index	SM 5530 B SM 5530 D
	Free Cyanide	SM 4500 CN I SM 4500 CN E
	Total Cyanide	SM 4500 CN C SM 4500 CN E
Sewage Sludge Soil	**Salinity**	TS 8333 TS 8334
	Organic Matter	TS 8336
	Heavy Metals Silver (Ag), Alluminum (Al), Arsenic (As), Boron (B), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chrome (Cr), Copper (Cu), Iron (Fe), Mercury (Hg), Potassium (K), Lithium (Li). Magnesium (Mg), Manganese (Mn), Molibden (Mo), Sodium (Na), Nickel (Ni), Lead (Pb), Antimony (Sb), Selenium (Se), Tin (Sn), Strontium (Sr), Thallium (Tl), Titanium (Ti), Vanadium (V), Zinc (Zn)	EPA 200.7
	Heavy Metals Silissium, Silica, Total Silica, Colloidal Silica (Si) Tungsten (W)	EPA 3050 B EPA 3051 A ISO 11885

Sewage Sludge **Soil**	**Phenol Index**	SM 5530 B SM 5530 D
	Free Cyanide	SM 4500 CN I SM 4500 CN E
	Total Cyanide	SM 4500 CN C SM 4500 CN E
	Total Nitrogen (TN)	TS 8337 ISO 11261
	Total Phosphorus (P)	TS 8338
	Polycyclic Aromatic Hydrocarbons (PAHs) Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoanthene Benzo(k)fluoanthene Benzo(a)pyrene Indeno(1,2,3-c,d)pyrene Dibenzo(a,h)anthracene Benzo(ghi)perylene	EPA 3510 C EPA 3630 C EPA 8270 D
	BTEX Compounds Benzene Toluene Etilbenzene p+m xilene o xilene	EPA 5021 A EPA 8260 C
	Phthalates (SVOCs) butyl benzyl phthalate bis(2-ethylhexyl) adipat bis(2-ethykhexyl) phthal di-n-octyl phthalate	EPA 3510 C EPA 8270 D
	Organochlorine Pesticides (SVOCs) 1,2-dichlorobenzene 1,3-dichlorobenzene 1,2,4-trichlorobenzene 1,4-dichlorobenzene Pentachlorobenzene 1,2,4,5-tetrachlorobenze hexachlorobenzene	EPA 3510 C EPA 3630 C EPA 8270 D
	Chlorinated Phenols (SVOCs) 4-chlorophenol 2,4-dichlorophenol 2-chlorophenol 2,4,6-trichlorophenol phenol 3&4-methylphenol 2-methylphenol	EPA 3510 C EPA 8270 D
	Aromatic Compounds (SVOCs) Aniline o-anisidine o-p toluidine diphenylamine	EPA 3510 C EPA 8270 D

Sewage Sludge **Soil**	**Volatile Organic Compounds (VOCs)** Tetrachloromethane (Carbon Tetrachloride) Dibromomethane Toluene 1,3-dichloropropene cis+trans Chlorobenzene 1,1,1,2-Tetrachloroethane p+m xilene Etilbenzene Styrene o xilene 1,1,2,2-Tetrachloroetane Bromobenzene 1,3,5-trimetilbenzene 1,3-dichlorobenzene 1,4-dichlorobenzene 1,2-dichlorobenzene 1,2-dibromo 3-chloropropane 1,2,4-Trichlorobenzene Naphthalene 1,2,3-Trichlorobenzene Hexachloro 1,3-butadiene 1,2,4-trimetilbenzene Bromodichloromethane sec-butylbenzene p-isopropyltoluene (4-Isopropyltoluene) 1,2-dibromoethane n-Propylbenzene n-butylbenzene Tetrachloroethene Benzene tert-butylbenzene Dibromochloromethane (Chlorodibromomethane) Isopropylbenzene 1,1-Dichloropropene Bromoform cis-1,2-Dichloroethene trans-1,2-Dichloroethene Methylene chloride 1,1-Dichloroethane Trichlorofluoromethane (CFC)	EPA 5021 A EPA 8260 C
	pH	TS ISO 10390
	Dry Residue and Water Content	TS 9546 EN 12880
	Anions Bromide(Br^-), Chloride (Cl^-), Fluoride(F^-), Phosfate($PO_4^{=}$), Sulphate ($SO_4^{=}$)	TS EN ISO 10304-1
	Loss of Ignition (LOI)	TS EN 12879 TS 9546 EN 12880
	Hydrocarbon Content (C10-C40)	TS EN 14039
	Polychlorinated Biphenyls (PCBs) PCB 1, PCB 5, PCB 18, PCB 28, PCB 31, PCB 44, PCB 52, PCB 66, PCB 87, PCB 101, PCB 110, PCB 138, PCB 141, PCB 149, PCB 151, PCB 170, PCB 180, PCB 183, PCB 187, PCB 194, PCB 206, PCB 209 Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260	EPA 3510 C EPA 3665 A EPA 8082 A

Sewage Sludge Soil	**Oil and Grease / Hydrocarbons / Petroleum Oils**	SM 5520 E SM 5520 F
	Hexavalent Chromium (Cr^{+6})	SM 3500 Cr B
	Sulfide	SM 4500 S^{2-}F
Used Oil	**Polychlorinated Biphenyls (PCBs)** PCB 18, PCB 28, PCB 31, PCB 44, PCB 52, PCB 101, PCB 118, PCB 138, PCB 149, PCB 153, PCB 170, PCB 180, PCB 194, PCB 209 Aroclor 1242, Aroclor 1254, Aroclor 1260	TS EN 12766-1 TS EN 12766-2
	Heavy Metals Arsenic (As), Cadmium (Cd), Chrome (Cr), Lead (Pb)	EPA 3031 EPA 3051 A EPA 200.7
	Flash Point	EN ISO 2719
	Density	In-House Method/AST.SOP.103
	Total Halogens	EPA 9076 EPA 9056 A
	Chloride	EPA 9253 EPA 9056 A
Insulation Liquids	**Polychlorinated Biphenyls (PCBs)** PCB 18, PCB 28, PCB 31, PCB 44, PCB 52, PCB 101, PCB 118, PCB 138, PCB 149, PCB 153, PCB 170, PCB 180, PCB 194, PCB 209 Aroclor 1242, Aroclor 1254, Aroclor 1260	TS EN 61619
Sampling	**Solid Waste**	TS 12090
	Soil	TS 9923
	Sludge	TS EN ISO 5667-13
	Groundwater	ISO 5667-18
	Lake and Pond Water	TS 6291
	Used Oil, Petroleum and Insulation Liquids	TS 900-1 EN ISO 3170 TS 900-2 EN ISO 3171 TS EN 60475
	River and Stream Water	TS ISO 5667-6
	Seawater	TS ISO 5667-9
	Wastewater	TS ISO 5667-10
	Groundwater	TS ISO 5667-11
Stationary Source Emissions	**Carbon monoxide, Carbon dioxide and Oxygen**	TS ISO 12039
	Sulfur Dioxide	ISO 7935
	Nitric oxide (NO), Nitrogen dioxide (NO2), and their sum (NOx)	EPA CTM-022
	Manual determination of mass concentration of particulate matter	TS ISO 9096
	Low range mass concentration of dust	TS EN 13284-1
	Particulate Matter	EPA Method 5
	Moisture Content	In-House Method/AST.SOP.95
	Moisture Content	EPA Method 4
	Velocity and volume flowrate of gas streams in ducts	TS ISO 10780
	Smoke Density	TS 9503

Stationary Source Emissions	**Volatile Organic Compounds (VOCs)** Toluene, Ethylbenzene, p+m Xylene, o Xylene, Benzene, Stirene, 1,3,5-Trimethylbenzene, 1,2-Dibromo 3 chloropropane, Trichloroethene, 4-Isopropyltoluene, 1,2-Dibromomethane, 1,2,3-Tricholoropropane, Dibromomethane, n-Propylbenzene, Bromobenzene,Naphtalene, 1,2 Dichlorobenzene, 1,1,1,2-Tetrachloroethane, 1,3-Dichlorobenzene, Bromodichloromethane, 1,1,2,2-Tetrachloroethane, 1,4-Dichlorobenzene, n-Butylbenzene, Tetrachloroethene, Tetrachloromethane, sec-Butylbenzene, tert-Butylbenzene, Chlorobenzene, 1,2,3-Trichlorobenzene, 1,3-Dichloro propene trans, 2 Chlorotoluene, 4Chlorotoluene, Hexachloro 1,3-butadien,1,2,4Trichlorobenzene, Dibromochloromethane, 1,1,2-Trichloroethane, Isopropylbenzene, 1,2,4-Trimethylbenzene, Chloroform (Trichloromethane) 1,1-Dichloropropene, 1,2-Dichloroethane Carbon tetrachloride (Tetrachloromethane), 1,2-Dichloropropane, 1,1,1-Trichloroethane, Bromoform	TS EN 13649
	Hydrogen Chloride (HCl), Hydrogen Bromide (HBr), Hydrogen Fluoride (HF), Chlorine (Cl_2,), Bromine (Br_2)	EPA Metot 26 A
	Metals Arsenic (As), Cadmium (Cd), Chromium (Cr), Cobalt (Co), Copper (Cu), Manganese (Mn), Nickel (Ni), Lead (Pb), Thallium (Tl), Vanadium (V)	EPA Metot 29 TS EN 14385
Acoustics	**Environmental noise**	TS 9315 ISO 1996-1 TS 9315 ISO 1996-1/T1 TS ISO 1996-2 ve TS ISO 1996- 2/T1
Ambient Air Quality	**Particulate Matter (PM10)**	EPA 40 CFR Part 50
	Settleable Particulates (Dustfall)	TS 2341 TS 2342
	Metals (PM10) (Al, Hg, Sb, Mo, As, Ni, Ba, Be, K, B, Se, Cd, Si, Ca, Ag, Cr, Na, Co, Sr,Cu, Fe, Sn, Pb, Li, V, Mg, Zn Mn)	VDI 2267 Part 1 VDI 2267 Part 5
	Metals (Settleable Particulates) (Al, Hg, Sb, Mo, As, Ni, Ba, Be, K, B, Se, Cd, Si, Ca, Ag, Cr, Na, Co, Sr,Cu, Fe, Sn, Pb, Li, V, Mg, Zn Mn)	VDI 2267 Part 5 VDI 2267 Part 14
Industrial Hygiene	**Heavy Metals** Silver (Ag), Alluminum (Al), Arsenic (As), Barium (Ba), Beryllium (Be), Calcium (Ca), Cadmium (Cd), Cobalt (Co), Chrome (Cr), Copper (Cu), Iron (Fe), Potassium (K), Lanthanum (La), Lithium (Li). Magnesium (Mg), Manganese (Mn), Molibden (Mo), Nickel (Ni), Phosphour (P), Lead (Pb), Antimony (Sb), Selenium (Se), Tin (Sn), Strontium (Sr),Tellurium (Te), Thallium (Tl), Titanium (Ti), Tungsten(W), Vanadium (V),Yttrium (Y), Zirconium (Zr), Zinc (Zn)	NIOSH 7300
	Respirable and Inhalable Dust	MDHS 14/3

Industrial Hygiene	**Volatile Organic Compounds (VOCs)** Toluene, Ethylbenzene, p+m Xylene, o Xylene, Benzene, Stirene, 1,3,5-Trimethylbenzene, 1,2-Dibromo 3 chloropropane, Trichloroethene, 4-Isopropyltoluene, 1,2-Dibromomethane, 1,2,3-Tricholoropropane, Dibromomethane, n-Propylbenzene, Bromobenzene,Naphtalene, 1,2 Dichlorobenzene, 1,1,1,2-Tetrachloroethane, 1,3-Dichlorobenzene, Bromodichloromethane, 1,1,2,2-Tetrachloroethane, 1,4-Dichlorobenzene, n-Butylbenzene, Tetrachloroethene, Tetrachloromethane, sec-Butylbenzene, tert-Butylbenzene, Chlorobenzene, 1,2,3-Trichlorobenzene, 1,3-Dichloro propene trans, 2 Chlorotoluene, 4Chlorotoluene, Hexachloro 1,3-butadien,1,2,4Trichlorobenzene, Dibromochloromethane, 1,1,2-Trichloroethane, Isopropylbenzene, 1,2,4-Trimethylbenzene, Chloroform (Trichloromethane) 1,1-Dichloropropene, 1,2-Dichloroethane Carbon tetrachloride (Tetrachloromethane), 1,2-Dichloropropane, 1,1,1-Trichloroethane, Bromoform	TS 16200-1 ASTM D 3686 ASTM D 3687 NIOSH 1501
	Hydrocarbons	NIOSH 1500
	Toxic Gases or Vapors	ASTM D 4490-96
	Oxygen	NİOSH 6601
	Carbon Monoxide	NİOSH 6604
	Lighting	COHSR-928-1-IPG- 039
	Thermal Environment	TS EN ISO 7730 TS EN 27243
	Noise Exposure	TS 2607 ISO1999
	Exposure to hand-transmitted vibration	TS EN ISO 5349-1 TS EN ISO 5349-2
	Exposure to whole-body vibration	TS ISO 2631-1

-End-

Dr. H. İbrahim ÇETİN
Genel Sekreter