USIS database

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United States Information Systems (USIS) consist of the aggregation of data from two databases: the legacy Integrated Management Information System (IMIS) and its next generation replacement, the OSHA Information System (OIS). These are U.S. databases of industrial hygiene measurements managed by the OSHA (Occupational Safety and Health Administration), a regulatory agency of the United States Department of Labor, as part of its compliance monitoring program. These databases contain information about inspections conducted by both federal and state agencies. Data in IMIS is restricted to enforcement, consultation, and whistleblower information. OIS is a single comprehensive system for all program and regulatory practice. It includes enforcement, consultation, voluntary protection program evaluations, homeland security response and recovery activity, compliance assistance, partnerships, and whistleblower information. The data available relates to the period 1971-2015 in IMIS and to the period 2011-2021 in OIS.

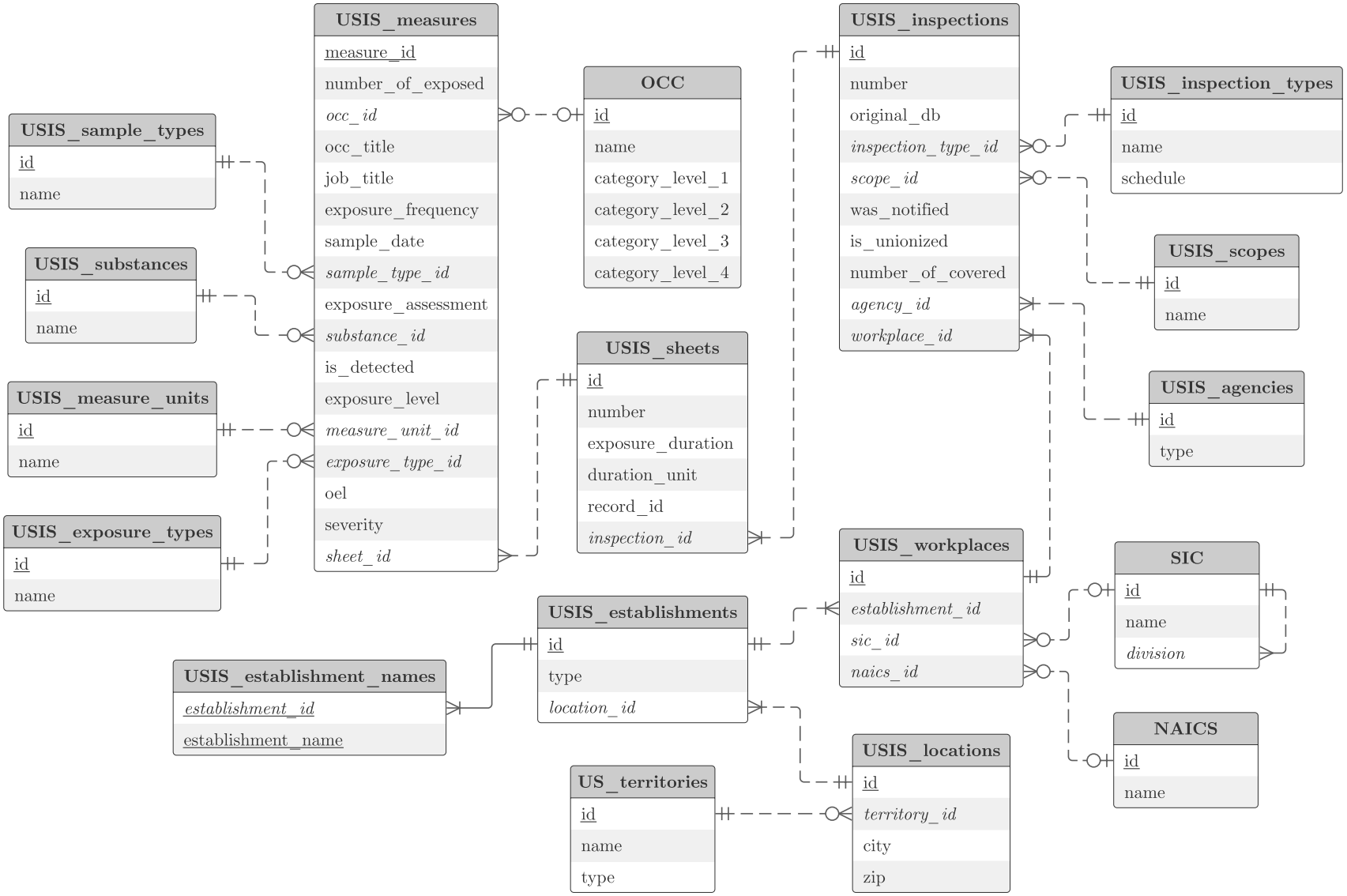

Figure 1: USIS database relational schema.

Table 1: Description of USIS main variables.

Variable	Definition	Type	Comments
measure_id	Identifier of the measure.	Integer	
inspection_id	Identifier of the inspection.	Integer	
original_db	Original database of the data.	Enumeration	Can be either "IMIS" or "OIS".
inspection_type_id	Identifier of the inspection type.	Enumeration	See appendix A.
scope_id	Identifier of the inspection scope.	Enumeration	See appendix B.
was_notified	Indicates whether advance notice of the inspection was given to the establishment inspected.	Boolean	Only in IMIS data.
is_unionized	Indicates whether employees covered by inspection are affiliated with a union.	Boolean	
number_of_covered	Number of employees covered by the inspection.	Integer	Only in OIS data.
agency_id	Identifier of the agency responsible for the inspection.	String	
agency_type	Type of the agency responsible for the inspection.	Enumeration	See appendix C.
workplace_id	Identifier of the workplace where the inspection was conducted.	Integer	
establishment_id	Identifier of the establishment inspected.	String	
establishment_type	Type of the establishment inspected.	Enumeration	See appendix C.
location_id	Identifier of the location of the establishment inspected.	String	
territory_id	Identifier of the U.S. territory corresponding to the location.	Enumeration	See appendix D.
city	City corresponding to the location.	String	
zip	Postal code corresponding to the location.	String	
sic_id	Identifier of the industry, according to the U.S. Standard Industrial Classification of 1987.	String	• Only in IMIS data. • See the related industry classification reference document.

Table 1: Description of USIS main variables.

Variable	Definition	Type	Comments
naics_id	Identifier of the industry, according to the North American Industry Classification System of 2002.	String	See this extract of the related industry classification reference document.
sheet_id	Identifier of the sample sheet to which the measure is attached.	Integer	
sheet_number	Number of the sample sheet.	Integer	
exposure_duration	Duration of time the hazard has existed.	Real	Only in OIS data.
duration_unit	Unit of the exposure duration.	Enumeration	• Only in OIS data. • See appendix E.
record_id	Identifier of the related exposure record, identifying the area or employee sampled.	Integer	Only in OIS data.
number_of_exposed	Number of employees exposed to the hazard.	Integer	Only in IMIS data.
occ_id	Identifier of the occupation of the employee sampled, or of the employee the most at risk from exposure, according to the U.S. census occupational classification system of 1980.	String	• Only in IMIS data. • See this appendix of a related documentation about census data.
occ_title	Occupation title of the employee sampled, or of the employee the most at risk from exposure, according to the U.S. census occupational classification system.	String	Only in OIS data.
job_title	Descriptive job title of the employee being sampled, or of the employee the most at risk from exposure.	String	
exposure_frequency	Frequency of exposure for all exposed employees.	String	
sample_date	Sampling date.	Date	Format: YYYY-MM-DD.
sample_type_id	Identifier of the type of sample taken.	Enumeration	See appendix F.
exposure_assessment	Identifier of an exposure assessment.	Integer	Only in OIS data.
substance_id	Identifier of the sampled substance.	String	See appendix G.

Table 1: Description of USIS main variables.

Variable	Definition	Type	Comments
is_detected	Indicates whether the sampled substance has been detected.	Boolean	
exposure_level	Concentration, level of exposure.	Real	
measure_unit_id	Identifier of the unit of the measure in which the exposure level and the OEL are expressed.	Enumeration	See appendix E.
exposure_type_id	Identifier of the type of exposure reported.	Enumeration	See appendix F.
oel	Occupational Exposure Limit corresponding to the type of exposure and to the sampled substance.	Real	
severity	The severity of exposure. It corresponds to the exposure level with regard to the exposure limit.	Real	

Appendices

Appendix A: Inspection type reference table

Table 2: Identifiers, names and schedules of the types of inspections.

ID	Name	Schedule
A	Accident	Unprogrammed
B	Complaint	Unprogrammed
C	Referral	Unprogrammed
C1	Referral - Employer Reported	Unprogrammed
D	Monitoring	Unprogrammed
E	Variance	Unprogrammed
F	Follow-Up	Unprogrammed
G	Unprogrammed Related	Unprogrammed
H	Program Planned	Programmed
I	Programmed Related	Programmed
J	Unprogrammed Other	Unprogrammed
K	Programmed Other	Programmed

Table 2: Identifiers, names and schedules of the types of inspections.

ID	Name	Schedule
L	Other – Other	Other
L1	Other – Data Initiative Non-Responder	Other
L2	Other – ATARs	Other
M	Fatality/Catastrophe	Unprogrammed

Inspection types C1, L1 and L2 are sub-categories of types C and L only used in OIS data. Such inspections may exist in IMIS data but are labeled C and L. Inspection types A and M may have been confused in some data.

Appendix B: Inspection scope reference table

Table 3: Identifiers and names of the scopes of inspections.

ID	Name
A	Comprehensive
B	Partial
C	Records Only
D	No Inspection

Appendix C: Agency type and establishment type reference tables

Table 4: Types of the agencies conducting inspections.

Type
Federal
State

Table 5: Types of the establishments inspected.

Type
Federal Government
Local Government
Private Sector
State Government

Appendix D: U.S. territory reference table

Table 6: Identifiers, names and types of the inhabited U.S. territories.

ID	Name	Type
AK	Alaska	State
AL	Alabama	State
AR	Arkansas	State
AS	American Samoa	Other territory
AZ	Arizona	State
CA	California	State
CO	Colorado	State
CT	Connecticut	State
DC	District of Columbia	Federal district
DE	Delaware	State
FL	Florida	State
GA	Georgia	State
GU	Guam	Other territory
HI	Hawaii	State
IA	Iowa	State
ID	Idaho	State
IL	Illinois	State
IN	Indiana	State
KS	Kansas	State
KY	Kentucky	State
LA	Louisiana	State
MA	Massachusetts	State
MD	Maryland	State
ME	Maine	State
MI	Michigan	State
MN	Minnesota	State
MO	Missouri	State
MP	Northern Mariana Islands	Other territory
MS	Mississippi	State
MT	Montana	State

Table 6: Identifiers, names and types of the inhabited U.S. territories.

ID	Name	Type
NC	North Carolina	State
ND	North Dakota	State
NE	Nebraska	State
NH	New Hampshire	State
NJ	New Jersey	State
NM	New Mexico	State
NV	Nevada	State
NY	New York	State
OH	Ohio	State
OK	Oklahoma	State
OR	Oregon	State
PA	Pennsylvania	State
PR	Puerto Rico	Other territory
RI	Rhode Island	State
SC	South Carolina	State
SD	South Dakota	State
TN	Tennessee	State
TX	Texas	State
UT	Utah	State
VA	Virginia	State
VI	U.S. Virgin Islands	Other territory
VT	Vermont	State
WA	Washington	State
WI	Wisconsin	State
WV	West Virginia	State
WY	Wyoming	State

Appendix E: Unit reference tables

Table 7: Units of the exposure durations.

Unit
Second(s)
Minute(s)
Hour(s)
Day(s)
Week(s)
Month(s)
Year(s)

Table 8: Identifiers and names of the units of measured exposure levels.

ID	Name
%	Percentage
B	Decibels
C	Picocuries per liter (radon)
D	Milligrams per deciliter (blood)
F	Fibers per cubic centimeter
G	Million particles per cubic foot
L	Milligrams per liter (urine)
M	Milligrams per cubic meter
P	Part per million
R	Millirems
U	Milliwatts per square centimeter
W	Milliwatts

Appendix F: Sample type and exposure type reference tables

Table 9: Identifiers and names of the types of samples taken.

ID	Name
A	Area
B	Bulk
L	Blood
P	Personal
S	Screening
U	Urine
W	Wipe

Table 10: Identifiers and names of the types of reported exposures.

ID	Name
A	Not Analyzed
C	Ceiling
D	Dose
L	Short Term Exposure Limit
P	Peak
S	Sound Level
T	Full Shift Time Weighted Average (TWA)
V	Not Valid

Appendix G: Substance reference table

Table 11: Identifiers and names of the sampled substances.

ID	Name
0005	Temephos (Total Dust)
0010	Acetaldehyde
0020	Acetic Acid
0030	Acetic Anhydride
0040	Acetone
0060	Acetonitrile
0065	2-Acetylaminofluorene
0070	Acetylene
0080	Acetylene Tetrabromide
0110	Acrolein
0115	Acrylamide
0117	Acrylic acid
0119	Acrylonitrile (CEILING)
0120	Acrylonitrile (PEL)
0121	Acrylonitrile (ACTION LEVEL)
0122	Aflatoxins
0123	Aldicarb
0125	Aldrin
0130	Allyl Alcohol
0140	Allyl Chloride
0145	Allyl Glycidyl Ether
0150	Allyl Propyl Disulfide
0160	alpha-Alumina (Total Dust)
0161	p-Aminoacetanilide
0162	4-Aminodiphenyl
0164	Bis-2-Aminopropyl Ether
0165	2-Aminopyridine
0170	Ammonia
0175	Ammonium Chloride (Fume)
0185	Ammonium Sulfamate (Total Dust)
0190	n-Amyl Acetate

Table 11: Identifiers and names of the sampled substances.

ID	Name
0191	sec-Amyl Acetate
0220	Aniline
0225	Anisidine (o,p-Isomers)
0227	Anthracene
0230	Antimony & Compounds (as Sb)
0235	ANTU
0240	Argon
0260	Arsenic, Inorganic (PEL)
0261	Arsenic, Inorganic (ACTION LEVEL)
0270	Arsine
0290	Asphalt Fumes (Petroleum)
0295	Atrazine
0300	Azinphos-Methyl
0310	Barium, Soluble Compounds (as Ba)
0314	Basic Red 2
0318	Propoxur
0319	Bladex
0320	Benzene
0330	Benzidine
0333	2-Benzothiazolethiol
0335	Benzoyl Peroxide
0337	Benzyl Alcohol
0340	Benzyl Chloride
0345	Benefin
0350	Benz(a)Anthracene
0360	Beryllium and Beryllium Compounds (as Be)
0365	Beryllium and Beryllium Compounds (as Be) (New PEL)
0371	Bismuth Telluride, Se Doped
0372	Bisphenol A
0373	Direct Blue 2
0374	Borates, Tetra, Sodium Salts, Anhydrous
0375	Borates, Tetra, Sodium Salts, Decahydrate

Table 11: Identifiers and names of the sampled substances.

ID	Name
0376	Borates, Tetra, Sodium Salts, Pentahydrate
0380	Boron Oxide (Total Dust)
0381	Boron Tribromide
0382	Boron Trifluoride
0390	Bromine
0395	Halothane
0400	Bromoform
0405	Brucine
0410	Butadiene
0420	Butane
0430	2-Butanone
0435	2-Butoxyethanol
0440	n-Butyl Acetate
0441	sec-Butyl Acetate
0442	tert-Butyl Acetate
0450	Butyl Acrylate
0460	n-Butyl Alcohol
0461	sec-Butyl Alcohol
0462	tert-Butyl Alcohol
0466	N-tert-Butyl-2-Benzothiazolesulfenamide
0470	Butylamine
0471	DIETHYLENE GLYCOL MONOBUTYL ETHER (BUTYL CARBITOL)
0472	Butyl Cellosolve Acetate 0473 tert-Butyl Chromate (as CrO3), prior to 5/30/2006
0477	n-Butyl Glycidyl Ether
0478	n-Butyl Lactate
0480	Butyl Mercaptan
0483	
0485	p-tert-Butyltoluene
0487	Butyraldehyde Oxime
0490	Cadmium Dust (as Cd)
0491	Cadmium Fume (as Cd)
0500	Calcium Arsenate (as As)

Table 11: Identifiers and names of the sampled substances.

ID	Name
0503	Calcium Bromide
0505	Calcium Carbonate (Total Dust)
0510	Calcium Cyanamide
0515	Calcium Hydroxide
0520	Calcium Oxide
0522	Camphor
0523	Caprolactam (Dust)
0524	Caprolactam (Vapor)
0525	Carbaryl
0526	Carbofuran
0527	Carbon Black
0528	Captafol
0529	Captan
0530	Carbon Dioxide
0540	Carbon Disulfide
0560	Carbon Monoxide
0565	Carbon Tetrabromide
0570	Carbon Tetrachloride
0571	Catechol
0573	Carboxin
0575	Cellulose (Total Dust)
0577	Portland Cement (Total Dust)
0590	Methyl Cellosolve
0611	Chlordane
0612	Chlorinated Camphene
0613	Chlorinated Diphenyl Oxide
0614	Chlorine Dioxide
0615	Chlorine Trifluoride
0617	Chloroacetaldehyde
0618	alpha-Chloroacetophenone
0620	Chlorobenzene
0623	o-Chlorobenzylidene Malononitrile

Table 11: Identifiers and names of the sampled substances.

ID	Name
0627	Chlorobromomethane
0628	Chlorodifluoromethane
0629	
0630	Chlorodiphenyl (42% Cl)
0631	Chlorodiphenyl (54% Cl)
0640	Chlorine
0645	Epichlorohydrin
0660	1-Chloro-1-Nitropropane
0670	Chloroform
0672	o-Chlorophenol
0673	p-Chlorophenol
0675	Chloropicrin
0680	Chloroprene
0681	Chlorpyrifos
0682	o-Chlorostyrene
0683	o-Chlorotoluene
0684	2-Chloro-6-Trichloromethyl Pyridine (Total Dust)
0685	Chromium
0686	Ammonium Dichromate
0687	Chromium
0688	p-Chlorotoluene
0689	Hexavalent Chromium, TWA
0690	Chromium, Soluble Chromic, Chromous Salts (as Cr)
0691	Hexavalent Chromium, Action Level
0692	Chrysene
0694	Hexavalent Chromium, Aerospace Paint
0700	Coal Tar Pitch Volatiles (benzene soluble fraction)
0710	Naphtha (Coal Tar)
0720	Cobalt, Metal, Dust & Fume (as Co)
0725	Coke Oven Emissions
0726	Benzo (alpha) Pyrene
0730	Copper Dusts & Mists (as Cu)

Table 11: Identifiers and names of the sampled substances.

ID	Name
0731	Copper Fume (as Cu)
0735	Cotton Dust (Raw)
0736	Co-Ral
0737	Crag Herbicide (Total Dust)
0760	Cresol (All Isomers)
0770	Crotonaldehyde
0776	Crufomate
0778	Cryptococcus Neoformans
0780	Cumene
0782	Cyanamide
0790	Cyanide (as Cn)
0800	Cyanogen
0810	Cyclohexane
0820	Cyclohexanol
0830	Cyclohexanone
0840	Cyclohexene
0842	Cyclohexylamine
0843	N-Cyclohexyl-2-benzothiazolesulfenamide
0845	Cyclopentadiene
0846	2,4-D
0847	DDT
0848	D & C Red #19
0850	Dichlorvos (DDVP)
0858	Denatonium Benzoate
0860	Diacetone Alcohol
0861	Diazomethane
0863	Dibutyl Phosphate
0864	Dibutyl Phthalate
0865	Dichloroacetylene
0866	2-n-Dibutylaminoethanol
0867	o-Dichlorobenzene
0868	p-Dichlorobenzene

Table 11: Identifiers and names of the sampled substances.

ID	Name
0869	3,3'-Dichlorobenzidine
0870	1,2-Dichloroethylene
0871	Dichlorodifluoromethane
0872	1,3-Dichloro-5,5-dimethyl hydantoin
0873	o-Dianisidine
0874	Ethylene Dichloride
0880	Dichloroethyl Ether
0887	Dichloromonofluoromethane
0889	2,5-Dichloro-4-Nitroaniline
0895	2,4-Dichlorophenol
0900	Dichlorotetrafluoroethane
0901	Dicyclohexylamine
0902	Dicrotophos
0903	Dicyclopentadiene
0905	Dieldrin
0907	N-Nitrosodiethanolamine
0910	Diethylamine
0913	Diethyl Sulfate
0915	Dimethylethylamine
0920	Diethylamino ethanol
0921	Diethylenetriamine
0922	Difluorodibromomethane
0923	Diglycidyl Ether
0924	Diisobutyl Ketone
0926	Diphenylamine
0927	Dimethyl Acetamide
0928	Dimethylamine
0930	Dimethylformamide
0931	Dimethylaniline
0932	Dimethyl 1,2-dibromo-2,2-dichloroethyl phosphate
0933	Diethyl Phthalate
0934	Diglycolamine

Table 11: Identifiers and names of the sampled substances.

ID	Name
0935	1,2-Dibromo-3-Chloropropane
0936	
0937	N,N-Dimethylcyclohexylamine
0938	
0939	
0940	1,1-Dimethylhydrazine
0950	Dimethylphthalate
0955	N,N-Dimethyl-1,3-propanediamine
0960	Dimethyl Sulfate
0972	2,4-Dinitro-6-Bromoaniline
0975	Dinitro-o-cresol
0990	Dinitrotoluene
0995	2,2'-Dithiobis[benzothiazole]
1000	Di-n-Octyl Phthalate
1010	Dioxane
1011	Diphenyl
1012	Direct Black 38
1013	Corundum (A1203) (see Aluminum Oxide)
1014	Dipropylene Glycol Methyl Ether
1015	Di-(2-Ethylhexyl)phthalate
1016	Emery (Total Dust)
1017	Endrin
1018	4,4'-Dithiodimorpholine
1019	EPN
1025	Ethane
1030	Ethanolamine
1033	2-Ethoxyethanol
1037	2-Ethoxyethyl Acetate
1038	Enflurane
1040	Ethyl Acetate
1050	Ethyl Acrylate
1055	2-Ethylhexyl acrylate

Table 11: Identifiers and names of the sampled substances.

ID	Name
1060	Ethyl Alcohol
1070	Ethylamine
1073	Methylene bisphenyl isocyanate
1075	Ethyl Amyl Ketone
1080	Ethyl Benzene
1090	Ethyl Bromide
1100	Ethyl Butyl Ketone
1110	Ethyl Chloride
1113	Ethyl-4,4'-Dichlorobenzilate
1115	Ethylene
1120	Ethylene Chlorohydrin
1130	Ethylenediamine
1140	Ethylene Dibromide
1155	Ethyl Formate
1157	Ethylene Glycol Diethyl Ether
1158	Ethylene Glycol Monohexyl Ether
1159	Ethylene Thiourea
1160	1,1-Dichloroethane
1170	Methyl Cellosolve Acetate
1175	Ethyleneimine
1190	Ethylene Oxide (PEL)
1191	Ethylene Oxide (ACTION LEVEL)
1192	Ethylene Oxide (EL)
1210	Ethyl Ether
1220	Ethyl Mercaptan
1225	N-Ethylmorpholine
1230	Ethyl Silicate
1251	Fensulfothion
1265	Ferric Chloride
1270	Fluorine
1275	Fluoboric Acid
1280	Fluorides (as F)

Table 11: Identifiers and names of the sampled substances.

ID	Name
1285	Fluorotrichloromethane
1290	Formaldehyde
1291	FORMALDEHYDE (ACTION LEVEL)
1292	Formamide
1293	FORMALDEHYDE (STEL LEVEL)
1300	Fibrous Glass Dust
1310	Formic Acid
1325	Furfural
1330	Furfuryl Alcohol
1335	Gold
1340	Gasoline
1360	Germanium Tetrahydride
1361	Glutaraldehyde
1362	Glutaraldehyde (Alkaline Activated)
1363	Glycerin Mist (Total Dust)
1365	Glycidol
1366	Graphite, Synthetic (Total Dust)
1367	Gypsum (Total Dust)
1368	Hafnium
1369	Heptachlor
1370	Haloxon
1371	Heptane
1372	Hexachloroethane
1373	Hexachloronaphthalene
1374	Hexachlorocyclopentadiene
1375	Hexafluoroacetone
1376	Hexachlorobenzene
1377	Desmodur N
1378	Hexamethylenetetramine
1379	
1380	Hexane
1385	Hexone

Table 11: Identifiers and names of the sampled substances.

ID	Name
1389	Hexylene Glycol
1390	Hydrazine
1400	Helium
1410	Hydrogen
1415	Hydrogenated Terphenyls
1420	Hydrogen Bromide
1430	Hydrogen Chloride
1440	Hydrogen Cyanide
1460	Hydrogen Fluoride
1470	Hydrogen Peroxide (90%)
1475	Hydrogen Selenide (as Se)
1480	Hydrogen Sulfide
1490	Hydroquinone
1500	Indene
1503	Lithium Hydride
1510	Indium & Compounds (as In)
1515	Iodine
1517	Iodoform
1520	Iron Oxide Fume
1521	Iron Pentacarbonyl (as Fe)
1522	Iron Salts, Soluble (as Fe)
1523	Iron
1530	Isoamyl Acetate
1532	Isoamyl Alcohol
1534	Isobutyl Acetate
1536	Isobutyl Alcohol
1537	Isobutyl Isobutyrate
1538	Isophorone
1539	Isophorone Diisocyanate
1540	Isopropyl Acetate
1550	Isophthalic Acid
1560	Isopropyl Alcohol

Table 11: Identifiers and names of the sampled substances.

ID	Name
1562	Isopropylamine
1565	Isopropyl Ether
1567	Isopropyl Glycidyl Ether
1568	Kaolin (Total Dust)
1574	Ketene
1577	Landrin
1580	Lasso
1590	LEAD ARSENATE (AS PB)
1591	Lead, Inorganic (as Pb) (PEL)
1592	Lead, Inorganic (as Pb) (ACTION LEVEL)
1593	Limestone (Total Dust)
1595	Lindane
1610	Magnesium Oxide Fume (Total Particulate)
1615	Magnesite (Total Dust)
1616	Malathion (Total Dust)
1618	Maleic Anhydride
1620	Manganese Fume (as Mn)
1622	Manganese Cyclopentadienyl Tricarbonyl (as Mn)
1626	Marble (Total Dust)
1630	Mercury (organo) Alkyl Compounds (as Hg)
1631	Mercury (Vapor) (as Hg)
1635	Mesityl Oxide
1640	Methane
1643	Methyl Mercaptan
1644	Methomyl
1646	Methoxychlor (Total Dust)
1647	Methoxyflurane
1648	4-Methoxy-4-Methyl-2-Pentanone
1650	Methyl Acetate
1652	Methyl Acetylene-Propadiene Mixture
1653	Methyl Acrylate
1655	Methylal

Table 11: Identifiers and names of the sampled substances.

ID	Name
1660	Methyl Alcohol
1665	Methylamine
1670	Methyl Isobutyl Carbinol
1675	Methyl (n-amyl) ketone
1680	Methyl Bromide
1690	2-Hexanone
1710	Methyl Chloride
1720	Methyl Chloroform
1730	Methylene Chloride
1732	4,4'-Methylenedianiline
1735	Methyl 2-Cyanoacrylate
1740	Methylcyclohexane
1750	Methyl Ethyl Ketone Peroxide
1760	Methylcyclohexano
1765	2-Methylcyclohexanone
1767	Methylcyclopentadienyl Manganese Tricarbonyl (as Mn)
1769	Methyl Dicyclohexylamine
1770	Methyl Formate
1771	2-Methylimidazole
1772	Methyl Iodide
1773	Methyl Isocyanate
1774	Methyl Methacrylate
1775	Methyl Parathion
1776	Methyl Isoamyl Ketone
1779	Methyl Naphthalene
1781	Mineral Wool Fiber
1782	alpha-Methyl Styrene
1790	Molydbenum (as Mo), Insoluble Compounds (Total Dust)
1791	Molybdenum (as Mo), Soluble Compounds
1797	Morpholine
1803	L.P.G.
1810	Naphthalene

Table 11: Identifiers and names of the sampled substances.

ID	Name
1815	alpha-Naphthylamine
1820	beta-Naphthylamine
1840	Nickel, Metal and Insoluble compounds (as Ni)
1841	Nickel Carbonyl
1842	Nickel, Soluble Compounds (as Ni)
1850	Neon
1855	Nicotine
1860	Nitric Acid
1865	p-Nitroaniline
1870	Nitrobenzene
1872	p-Nitrochlorobenzene
1875	4-Nitrobipheny
1880	Nitroethane
1890	Nitric Oxide
1900	Nitrogen
1903	Nitrogen Dioxide
1907	Nitrogen Trifluoride
1910	Ethylene Glycol Dinitrate
1911	Ethylene Glycol
1912	Nitroglycerin
1913	ETHYLENE GLYCOL, VAPOR
1920	Nitromethane
1940	1-Nitropropane
1941	2-Nitropropane
1942	N-Nitrosodimethylamine
1943	N-Nitrosomorpholine
1944	N-Nitrosodibutylamine
1946	
1947	N-Nitrosodiethylamine
1948	N-Nitrosodipropylamine
1949	N-Nitrosopiperidine
1950	N-Nitrosopyrrolidine

Table 11: Identifiers and names of the sampled substances.

ID	Name
1953	Nitrous Oxide
1955	Octachloronaphthalene
1956	
1957	Octane
1958	Orthene
1960	Osmium Tetroxide (as Os)
1970	Oxalic Acid
1973	Oryzalin
1980	Ozone
1981	Perchloric Acid
1982	Paraquat, respirable dust
1984	Parathion
1986	Pentaborane
1988	Pentachloronaphthalene
1989	Pentachlorophenol
1990	Pentane
2000	Paraffin Wax Fume
2010	2-Pentanone
2017	Picloram (Total Dust)
2020	Perchloroethylene
2030	Perchloromethyl Mercaptan
2035	Perlite (Total Dust)
2037	Petroleum distillates (Naphtha)
2038	Phenanthrene
2040	Phenol
2041	Phenothiazine
2042	p-Phenylenediamine
2047	Phenyl Ether (Vapor)
2053	Phenyl Ether-Biphenyl Mix (Vapor)
2057	Phenyl Glycidyl Ether
2060	Phenylhydrazine
2064	Phorate

Table 11: Identifiers and names of the sampled substances.

ID	Name
2065	Phosdrin
2070	Phosgene
2075	Phosmet
2080	Phosphine
2085	Phosphoric Acid
2090	Phosphorus (yellow)
2092	Phosphorus Pentasulfide
2093	Phosphorus Trichloride
2094	Phosphorus Oxychloride
2110	Phthalic Anhydride
2120	Picric Acid
2125	Pindone (2-Pivalyl-1,3-indandione)
2127	Plaster of Paris (Total Dust)
2130	Platinum (as Pt), soluble salts
2132	Phenyl Isocyanate
2135	Polytetrafluoroethylene Decomposition Products
2140	Potassium Hydroxide
2150	Propane
2165	Ramrod
2167	Propargyl Alcohol
2168	Propionic Acid
2170	Propyl Alcohol
2180	n-Propyl Acetate
2190	Propylene Dichloride
2200	1,2-Propylene Glycol Dinitrate
2210	Propylene Glycol Monomethyl Ether
2213	Propylene Imine
2215	Propylene Oxide
2216	Pyrethrum
2217	Pyrene
2220	Pyridine
2221	Resorcinol

Table 11: Identifiers and names of the sampled substances.

ID	Name
2222	Quinone
2223	Rhodium (as Rh), Metal Fume and Insoluble Compounds
2224	Cyclonite
2225	Rhodium (as Rh), Soluble Compounds
2226	Ronnel
2227	ROSIN CORE SOLDER PYROLYSIS PRODUCTS (AS FORMALDEHYDE)
2228	Rotenone (Commercial)
2229	Rouge (Total Dust)
2230	Selenium Compounds (as Se)
2232	RUBBER SOLVENT
2233	Resmethrin
2234	Rabon
2235	Silicon (Total Dust)
2236	Silicon Carbide (Total Dust)
2237	Silicon Tetrahydride
2240	Silver, Metal & Soluble Compounds (as Ag)
2243	Sodium Azide (as HN3)
2250	Sodium Fluoroacetate
2260	Sodium & compounds
2262	Sodium Tripolyphosphate
2263	Starch (Total Dust)
2267	Stibine
2270	Stoddard Solvent
2275	Strychnine
2280	Styrene
2285	Sucrose (Total Dust)
2290	Sulfur Dioxide
2310	Sulfuric Acid
2320	Sulfur Monochloride
2323	Sulfuryl Fluoride
2324	2,4,5-T
2325	Tantalum (metal, oxide dusts)

Table 11: Identifiers and names of the sampled substances.

ID	Name
2326	2,3,7,8-Tetrachlorodibenzo-p-Dioxin
2329	Teflon Decomposition Products
2330	Tellurium and compounds (as Te)
2333	Terbufos
2335	Terphenyls
2339	1,1,2,2-Tetrachloro-1,2-Difluoroethane
2340	1,1,2,2-Tetrachloroethane
2350	Tetrachloronaphthalene
2355	Tetrachlorophenol
2360	Tetraethyl Lead (as Pb)
2370	Tetramethyl Lead (as Pb)
2380	Tetramethyl Succinonitrile
2390	Tetrahydrofuran
2410	Tetryl
2420	Thallium, soluble compounds (as Tl)
2423	Thioglycolic Acid
2425	Endosulfan
2427	Thiram
2430	Tin, inorganic compounds (except oxides) (as Sn)
2431	Butyltin Trichloride
2432	Tin Oxide (as Sn)
2440	Titanium Dioxide (Total Dust)
2450	o-Tolidine
2460	Toluene
2465	Toluene-2,4-Diamine
2470	Toluene-2,4-Diisocyanate (TDI)
2475	o-Toluidine
2476	Tributylphosphorotrithioate
2477	Tributyl Phosphate
2478	Tributylamine
2479	Tri(Dimethylaminomethyl)phenol
2480	Triethylamine

Table 11: Identifiers and names of the sampled substances.

ID	Name
2481	1,2,4-Trichlorobenzene
2483	Trichloronaphthalene
2485	1,1,2-Trichloro-1,2,2-Trifluoroethane
2490	Trichloroethylene
2495	1,1,2-Trichloroethane
2497	Triethylenetetramine
2500	Trifluoromonobromomethane
2502	Trimellitic Anhydride
2505	Trimethylbenzene
2507	2,4,4-Trimethyl Pentene
2510	1,2,3-Trichloropropane
2520	Cyhexatin
2530	Trinitrotoluene
2532	Triorthocresyl Phosphate
2535	Triphenyl Phosphate
2536	Tungsten (as W) Insoluble Compounds
2537	Tungsten (as W) Soluble Compounds
2540	Turpentine
2560	Uranium (as U), Insoluble compounds
2561	Uranium (as U), Soluble Compounds
2570	Vanadium, Respirable Dust (as V2O5)
2571	Vanadium fume (as V2O5)
2572	Vinyl Acetate
2577	Vinyl Bromide
2579	Vinyl Chloride (ACTION LEVEL)
2580	Vinyl Chloride (PEL)
2581	Vinyl Cyclohexene Dioxide
2582	Vinyl Toluene
2583	Vinylidene Chloride
2584	VM & P NAPHTHA
2585	Vydate
2586	Warfarin

Table 11: Identifiers and names of the sampled substances.

ID	Name
2587	Multi-Element ICP Metals Scan
2590	Xylene
2592	m-Xylene-alpha,alpha'-diamine
2600	Xylidine
2602	Yttrium
2606	Zearalenone
2610	Zinc Oxide Fume
2611	Zinc Chloride Fume
2612	Zinc Chromate
2616	Zinc Stearate (Total Dust)
2620	Zirconium Compounds (as Zr)
2630	Bis(Chloromethyl) Ether
2640	Chloromethyl Methyl Ether
2650	4,4'-Methylene-bis (2-Chloroaniline)
2651	Methylene-bis (4-Cyclohexylisocyanate)
2680	Disulfoton
2681	Diquat
2682	Disulfiram
2683	2,6-Di-tert-Butyl-p-Cresol
2684	Diuron
2685	Fonofos
2690	Monocrotophos
2720	Diazinon
2740	Dioxathion
2960	Osmium Tetroxide (as Os)
5010	Oil Mist, Mineral
8110	Noise, Continuous or Intermittent [PEL]
8111	Noise, Continuous or Intermittent [Action Level]
8112	
8120	FUNGI
8130	Noise, Impact or Impulse
8140	

Table 11: Identifiers and names of the sampled substances.

ID	Name
8160	
8207	
8210	
8220	
8260	
8280	Ionizing Radiation (gamma)
8300	
8301	
8302	
8310	Cold Stress
8320	HEAT STRESS - DRY
8330	Heat Stress
8340	
8350	non ionizing radiation
8360	sunlight
8370	
8380	
8390	Improper Illumination
8400	Biologic Agents
8410	
8420	
8430	resitivity (physical measurement)
8470	IGNITABILITY
8505	
8560	
8650	Ventilation
8870	
8880	ALL OTHER PHYSICAL HAZARDS
8890	Combustible Gas
8891	Humidity, Relative
8893	min ignition temp (cloud)
8895	min ignition temp (layer)

Table 11: Identifiers and names of the sampled substances.

ID	Name
8910	
8920	MATERIAL EXAMINATION
9000	Silica, Respirable Crystalline (NEW)
9010	Silica, Crystalline Quartz (as Quartz), Respirable Dust
9013	Silica, Fused (Respirable Dust)
9015	Silica, Crystalline Cristobalite, Respirable Dust
9017	Silica, Crystalline Tridymite, Respirable Dust
9020	Asbestos (all forms)
9030	Talc (Containing no asbestos), Respirable Dust
9031	Talc (Containing asbestos)
9032	Talc , Fibrous Non - Tremolite
9040	Coal Dust (<5% SiO2, Respirable Fraction)
9050	Silica, Amorphous, Precipitated and Gel
9075	Mica
9085	Soapstone (Total Dust)
9090	Graphite, natural respirable dust
9120	RESPIRABLE INORGANIC DUST
9130	Particulates not otherwise regulated (Respirable Fraction)
9135	Particulates not otherwise regulated (Total Dust)
9210	Wood Dust, Hardwood
9211	Wood Dust, Softwood
9220	Subtilisins
9521	
9523	
9526	
9530	
9531	
9532	
9534	
9591	Basidiomycete
9611	
9612	

Table 11: Identifiers and names of the sampled substances.

ID	Name
9613	Cladosporium Species
9614	Curvularia species
9615	
9616	
9618	
9619	
9620	
9622	
9624	
9625	
9628	
9637	
9638	
9640	
9641	
9646	
9651	
9654	
9657	
9658	
9663	
9664	
9672	
9673	
9685	Acetone
9691	
9694	
9701	Metals Scan 9-14
9706	Isocyanate Scan
9747	Potassium
9837	
9838	Blastobotrys species

Table 11: Identifiers and names of the sampled substances.

ID	Name
9901	Metals
9932	Fibers per cubic centimeter
9957	Tremolite Asbestos
9965	Isocyanates
A100	Aluminum (as Al), Metal (Total Dust)
A101	Aluminum (as Al), Pyro Powder
A102	Aluminum (as Al), Welding Fumes
A103	Aluminum (as Al), Soluble Salts
A104	Aluminum (as Al), Alkyls
A105	Acid Red 114
A106	Acid Yellow 42
A107	
A110	Aluminum (as Al), Metal (Respirable Fraction)
A120	AMINOETHYLETHANOLAMINE
A155	Adipic Acid
A159	n-Amyl Alcohol
A169	Acetophenone
A178	Acetylacetone
A180	
A185	
A201	alpha-Alumina (Respirable Fraction)
A202	Arsenic, Organic Compounds (as As)
A506	Acridine
A514	Aluminum Silicate, Fibers
A517	o-Anisaldehyde
A605	Allyl Cyanide
A606	1-Amino-2-Propanol
A614	
A615	2-Amino-2-Methylpropanol
A616	Abietic Acid
A617	Antineoplastic Drugs
A619	Asbestos (Action Level, State of Oregon Only)

Table 11: Identifiers and names of the sampled substances.

ID	Name
A622	Chlorodiphenyl (1016)
A623	Amiben
A624	Acetyl Methyl Carbinol
A625	Acetamide
A705	1,1'-Azobisformamide
A706	Apron
B100	Bismuth
B101	Barium Sulfate (Total Dust)
B102	Barium (Insoluble Compounds)
B103	
B104	Barium Sulfate (Respirable Fraction)
B105	Benzaldehyde
B108	1-Bromonaphthalene
B126	
B129	Benzo (e) Pyrene
B139	Butyl Methacrylate
B141	Boric Acid
B142	Boron
B145	1-Butoxy-2-propanol
B146	tert-Butyl Methyl Ether
B148	Benzenesulfonyl Chloride
B200	BENZO(B)FLUORANTHENE
B205	
B210	
B407	Benomyl (Total Dust)
B418	Bacteria
B427	beta-Butyrolactone
B505	Benzophenone
B507	Benzoyl Chloride
B508	Benzyl Acetate
B595	Butene
B609	Butyl Isocyanate

Table 11: Identifiers and names of the sampled substances.

ID	Name
B615	Butyl Benzyl Phthalate
B616	
B708	Bromacil
B709	Butyric Acid
B715	gamma-Butyrolactone
B717	2,3-Benzofuran
B727	Benzophenonetetracarboxylic Acid Dianhydride
BWPB	Lead bulk or wipe
C100	Cobalt Carbonyl (as Co)
C101	Cadmium , Soluble (as Cd)
C103	Calcium
C104	Calcium Sulfate (Total Dust)
C105	Carbonyl Fluoride
C106	Chlorodiphenyl (21% Cl)
C107	Chlorodiphenyl (60% Cl)
C108	Chlorodiphenyl (32% Cl)
C109	Chlorophene
C110	Chlorine (as Available Chlorine)
C111	Chromium, Unidentified Chromium Substance (as Cr)
C112	Calcium Silicate (Total Dust)
C113	Chromium III Compounds (as Cr)
C119	Cerium
C120	Coal Dust (> or = 5% SiO2) (Respirable Quartz Fraction)
C121	Chromium (II) Compounds (as Cr)
C122	Calcium Silicate (Respirable Fraction)
C123	Calcium Sulfate (Respirable Fraction)
C124	Cellulose (Respirable Fraction)
C128	Carbitol Acetate
C129	Creosote
C130	Calcium Carbonate (Respirable Fraction)
C131	
C135	Chloropentafluoroethane

Table 11: Identifiers and names of the sampled substances.

ID	Name
C137	Cellulose Acetate
C141	CADMIUM
C142	
C146	Cyanogen Chloride
C224	
C225	Chlorodiphenyl (48% Cl)
C226	o-Chloroaniline
C326	Diisocyanates (Identification)
C327	Chloramine-T
C607	
C616	Cumene Hydroperoxide
C618	Coumarin
C619	Cyclopentane
C626	5-Chloro-2-Methyl-4-Isothiazolin-3-One
C628	Cypermethrin
C635	1,2,3,5-Tetrachlorobenzene
C637	Simazine
C727	Metal working fluid(MWF)
C730	CARBON MONOXIDE (AND CO BY COHB)
D100	Dicyclopentadienyl Iron (Respirable Fraction)
D107	Di-(2-Ethylhexyl) Adipate
D108	Diaminocyclohexane
D109	1,2-Dichloro-1,1,2-Trifluoroethane
D117	Diallyl Phthalate
D119	Dichlorodiphenyldichloroethane
D127	N,N-Dimethyl-p-Toluidine
D129	Diethanolamine
D130	Elemental carbon-Diesel particulate
D137	Direct Brown 95
D139	Dimethyl Sulfoxide
D145	Diglyme
D149	m-Dichlorobenzene

Table 11: Identifiers and names of the sampled substances.

ID	Name
D150	Diesel Fuel
D155	2,4-D, Dimethylamine Salt
D156	Dibenz(a,h)anthracene
D157	
D158	o-Diethylbenzene
D159	m-Diethylbenzene
D165	p-Diethylbenzene
D166	Decane
D167	Dehydroabietic Acid
D175	Dodecyl Benzenesulfonic Acid
D177	1,3-Dichloropropene
D178	Dipropyl Ketone
D179	(Dichloromethyl)benzene
D185	Direct Blue 1
D186	Direct Red 2
D238	1,1-DICHLORO-1-FLUOROETHANE
D240	
D345	1,3-Dimethylnaphthalene
D347	Thiophanate-methyl
D348	
D349	
D500	dipropylene glycol mono-n-butyl ether
D608	N,N-Diethylaniline
D609	Diethylene Glycol
D615	Diethylene Glycol Monoethyl Ether
D617	Dimethoate
D618	2,3-Dimethylbutane
D619	Dimethylaminopropionitrile
D626	Dipropyl Disulfide
D629	N,N-Dimethylethanolamine
D636	Dimethyl Glutarate
D638	Di-n-Butyl Ether

Table 11: Identifiers and names of the sampled substances.

ID	Name
D645	1,2-Dimethylnaphthalene
D649	Dimethyl Adipate
D650	Dimethyl Sulfide
D651	Dimethyl Disulfide
D665	1,4-Dimethylnaphthalene
D667	1,2,3,4,6,7,8,9-Octachlorodibenzodioxin
D668	Desmodur N
D705	Dodecyl Benzene
D709	Diglycidyl Ether of Bisphenol A
D715	1,4-Butanediol diglycidyl ether
D736	Diallyl Disulfide
D738	Direct Red 81
D740	DIACETYL
D809	3,4-Dichloropropionanilide
D906	p,p'-Dichlorodiphenyldichloroethylene
D907	trans-Decahydronaphthalene
D917	Dimethyl Succimate
D930	Dimethyl 2,3,5,6-Tetrachloroterephthalate
D945	DI(ETHYLENE GLYCOL) ETHYL ETHER ACRYLATE
E100	Explosibility
E101	Explosion Severity
E102	Emery (Respirable Fraction)
E105	Ethyl-3-ethoxypropionate
E106	2-Ethylhexanol
E108	Ethyl 2-Cyanoacrylate
E109	Ethyl Toluene (all isomers)
E115	Ethyl Methacrylate
E118	Ethylene Dimethacrylate
E119	Ethyl Hexyl Acetate
E200	% Combustible Dust
E215	
E227	Ethyl Lactate

Table 11: Identifiers and names of the sampled substances.

ID	Name
E228	Ethyl Vinyl Benzene
E235	
E236	Ethyl Propionate
E316	m -Ethyl Toluene
E319	ESTRADIOL
E320	ESTRONE
E321	ESTRIOL
E608	
F006	Flash Point
F104	Iron Oxide Dust and Fume (as Fe203) Total Particulate
F106	Fluorene
F108	Ficam
F115	Fluoranthene
F118	Isoflurane
F127	5-Fluorouracil
F128	
G100	Graphite, Synthetic (Respirable Fraction)
G101	Gypsum (Respirable Fraction)
G105	Glycolic Acid
G106	Glycidyl Methacrylate
G109	Grain Dust (Oats, Wheat & Barley)
G115	Glycerin Mist (Respirable Fraction)
G300	Germanium Oxide
G301	Gravimetric Determination
G302	SAMPLE WEIGHT
H105	1-Hexene
H115	Hexamethylenediamine
H117	Hexyl Alcohol
H125	m-Hydroxyacetophenone
H126	N-Hydroxyethylethylenediaminetriacetate Trisodium salt
H128	1,6-Hexanediol Diacrylate
H130	1,6-Hexamethylene Diisocyanate Homopolymer

Table 11: Identifiers and names of the sampled substances.

ID	Name
H135	2-Hydroxy-4-Methoxyacetophenone
H136	1-Heptene
H146	Hexane, (Isomers other than n-Hexane)
H148	2-Hydroxyethyl Methacrylate
H155	Hydramethylnon
H157	Hydroxyethyl Acrylate
H158	n-Hexyl Acetate
H305	Hexachlorodibenzodioxins (All Isomers)
H325	Heptachlorodibenzodioxins (All Isomers)
I100	Ignition Residue
I127	Isosorbide dinitrate
I128	Isooctane
I200	Iron (Bulk)
I210	
J105	Jet Fuel
K100	Kaolin (Respirable Fraction)
K105	Isobutane
K107	Kerosene
L100	Limestone (Respirable Fraction)
L127	
L128	Linuron
L129	Limonene
L130	LEGIONELLA
L131	LEGIONELLA
L134	Lithium
L150	Lithium Hydroxide
L200	
L294	Lead, Blood
L300	Lead, Organic (see Tetramethyl or Tetraethyl Lead)
M100	Magnesium
M101	Manganese Tetroxide (as Mn)
M102	Maximum Normalized dP/dt, Kst

Table 11: Identifiers and names of the sampled substances.

ID	Name
M103	Minimum Explosive Concentration
M104	Moisture Contents (for Grain Dust)
M105	Methidathion
M106	Methotrexate
M108	5-Methyl-o-Anisidine
M109	Methylacetamide
M110	Combustible Material
M111	Mercury (Aryl and Inorganic) (as Hg)
M112	Manganese Compounds (as Mn)
M114	Marble (Respirable Fraction)
M116	Methylcyclopentane
M123	
M124	QUALITATIVE MASS-SPEC ANALYSIS BY THERMAL DESORPTION
M125	Qualitative Mass-Spec Analysis
M126	MCPP
M127	2-Methylpentane
M137	Methyl Formamide
M138	Methylene Bisphenyl Isocyanate Urea
M139	1-Methyl-2-Pyrrolidinone
M149	
M155	1-Methylnaphthalene
M156	2-Methylnaphthalene
M157	Methyl Ether
M158	Menadione
M159	6-Methylcoumarin
M165	Methyl Isopropyl Ketone
M166	Melamine
M167	
M176	Mercaptoethanol
M177	Maneb
M185	METHYL BUTYL KETONE
M197	Methyl Violet

Table 11: Identifiers and names of the sampled substances.

ID	Name
M215	2-METHOXY-1-PROPYL ACETATE
M225	
M250	Isobutylene
M305	Mestranol
M316	Diethylene Glycol Monobutyl Ether, Acetate
M328	2-(2-Methoxyethoxy) Ethanol
M329	4-Methoxyphenol
M336	Methylparaben
M337	3-Methylpentane
M339	Methacrylic acid
M340	MICP
M345	Methyl Isothiocyanate
M350	17-A-METHYL TESTOSTERONE
M355	
M356	
M370	Metalworking Fluid - Gravimetric Analysis
N107	4-Nitrodiphenylamine
N109	N-Nitrosodiphenylamine
N117	Nitrocellulose
N119	1,5-Naphthalene Diisocyanate
N120	
N608	Norethindrone
N609	Nitrosamines (Identification)
N705	N-Nitrosodiamylamine
N706	N-Nitrosodiisopropylamine
N709	N-Nitrosomethylethylamine
N805	N-Nitroso-N-propyl-n-butylamine
N807	Nonane
N905	5-Nitro-2-furaldehyde Semicarbazone
N910	Neodymium (as Nd)
O105	Octabromodiphenyl Ether
O107	1-Octanethiol

Table 11: Identifiers and names of the sampled substances.

ID	Name
P100	Particle Size Determination
P103	Phosphorus Pentoxide
P104	Portland Cement (Respirable Fraction)
P105	Phenyl Mercaptan
P107	n-Propyl Benzene
P108	Propylene Glycol
P110	2,3-Pentanedione
P116	Palladium
P125	PAPI
P126	Pentachloronitrobenzene
P127	alpha-Pinene
P128	Phosve
P129	Propionaldehyde
P135	Potassium and compounds
P136	2-Propoxyethanol
P138	
P145	2-Phenoxyethanol
P148	beta-Pinene
P198	Phthalic Acid
P200	pH Determination
P201	
P202	n-Propoxypropanol
P209	Piperonyl Butoxide
P211	Platinum (as Pt), metal
P218	Propylene Glycol Monomethyl Ether Acetate
P227	o-Phenyl Phenol
P230	Peracetic Acid
P235	1-Phenyl-1-Cyclohexene
P236	m-Phenylenediamine
P305	Pentachlorodibenzodioxins (All Isomers)
P309	Pirimiphos Methyl
P346	

Table 11: Identifiers and names of the sampled substances.

ID	Name
P445	Potable Water
P446	PROGESTERONE
Q100	Qualitative Elemental Analysis
Q101	
Q115	Quantitative GC Analysis
Q116	Quantitative HPLC Analysis
Q117	
Q118	Qualitative NPD Analysis
R100	Radon Daughters
R101	RESPIRABLE FRACTION OF INERT DUST
R102	Rouge (Respirable Fraction)
R103	DUST (RESPIRABLE NUISANCE)
R109	Rozol
R201	
R204	
R206	CAPSAICIN
R207	
R208	
R211	
R214	Dipropylene Glycol Methyl Ether Acetate
R218	DESFLURANE
R221	P-XYLENE- , ’-DIAMINE
R222	
R227	
R228	2-METHYLBUTANE (ISOPENTANE)
R229	
R232	SODIUM PERSULFATE
R235	
R236	
R239	
R241	
R249	1-CHLORO-4-TRIFLUOROMETHYLBENZENE

Table 11: Identifiers and names of the sampled substances.

ID	Name
R250	METHYL ETHYL KETOXIME
R251	REFRACTORY CERAMIC FIBERS
R252	ENDOTOXINS (METALWORKING FLUIDS; MWF)
R255	
R256	
R257	
R260	1-Ethoxy-2-propanol
R261	
R264	
R270	DIHYDROCAPSAICIN
R271	
R274	Aspergillus
R278	Fungi and Bacteria
R282	
R285	
R289	2-Bromopropane
R290	1-BROMOPROPANE
R300	
S050	Sodium Bisulfite
S100	Strontium
S101	Sulfur
S102	Ignition Sensitivity
S103	Silica (Quartz, non-respirable)
S104	Silica (Qualitative Analysis)
S106	Sudan I
S107	Sudan III
S108	Spores
S111	SODIUM & COMPOUNDS
S112	Sodium Metabisulfite
S113	Sodium Azide (as NaN3)
S114	Silica, Crystalline Tripoli (as Quartz), Respirable Dust
S120	Silicon (Respirable Fraction)

Table 11: Identifiers and names of the sampled substances.

ID	Name
S121	Soapstone (Respirable Fraction)
S122	Silica, Amorphous, Diatomaceous Earth (<1% Crystalline Silica)
S123	Silicon Carbide (Respirable Fraction)
S125	Silvex
S130	Sucrose (Respirable Fraction)
S131	Solder Fume (Metals)
S200	
S227	
S229	Safrotin
S236	
S237	Isofenphos
S245	Sodium Metasilicate
S325	Qualitative Microscopy
S330	Sodium Carbonate
S775	SEVOFLURANE
S777	Soil
S900	Silica, Mixed Crystalline Respirable Dust
S910	Silica (quartz resp)
S915	Silica (cristobalite resp)
S917	Silica (tridymite resp)
SL05	Chromium (VI), compounds as Cr (Certain water insoluble)
SL07	Iron Oxide Fume (Fe2O3) as Fe
SLT3	Cadmium, elemental and compounds as Cd (Respirable)
SLT4	Calcium Hydroxide (Total Dust)
SOLD	SOLDER ICP
T100	Thorium
T102	Tetrasodium Pyrophosphate
T103	Titanium
T105	p-Toluidine
T107	
T109	Thiourea
T110	Total Fibers

Table 11: Identifiers and names of the sampled substances.

ID	Name
T111	Tremolite
T116	Trichlorfon
T118	Triethylenediamine
T119	
T127	Trimethylamine
T129	
T135	
T137	Tetrabromobisphenol A
T139	Terpineol
T146	
T147	Tetramethyl Butanediamine
T148	2,3,7,8-Tetrachlorodibenzofuran
T149	Tetrachlorodibenzodioxin (All isomers except 2,3,7,8-TCDD)
T155	Tripropylene Glycol Diacrylate
T157	Tetrachlorodibenzofuran (All isomers except 2,3,7,8-TCDF)
T158	Trimethylolpropane Triacrylate
T159	Tetraethylene Glycol Diacrylate
T176	p-Toluenesulfonic Acid
T177	Toluene-2,6-Diisocyanate
T185	Triethanolamine
T189	o-Tolyl Isocyanate
T196	Tetraethylenepentamine
T197	Toluene-2,6-Diamine
T199	1,1,1-Trichloro-2,2,2-Trifluoroethane
T205	
T206	Tetramethyldiaminobenzophenone
T246	Tetraethyleneglycol Dimethacrylate
T247	Tetrahydro-2-furanmethanol
T286	2,2,2-Trifluoroethanol
T306	Trimethyl Benzene(1,2,4)
T319	
T350	2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE

Table 11: Identifiers and names of the sampled substances.

ID	Name
T360	
T405	1,3,5-Triglycidyl Isocyanurate
T407	1,3,5-TRIMETHYLBENZENE
T413	TESTOSTERONE
T420	TETRAHYDROFURFURYL ACRYLATE
U105	Urea
U106	Undecane
V106	Vinyl Alcohol
V107	N-Vinyl-2-Pyrrolidinone
V109	VM & P Naphtha
V118	Valeric Acid
V119	Divinyl Benzene
V125	Vanadium
V126	Vegetable Oil Mist (Total Dust)
V127	Vegetable Oil Mist (Respirable Fraction)
V219	VENTILATION
W102	Wood Dust, Western Red Cedar
W103	Wood Dust, all soft and hard woods, except Western Red Cedar
WFBW	Welding Fume Bulk and Wipe
X100	Oxygen
X101	Xylenol
Z100	Zinc
Z101	Zinc Bromide
Z102	Zinc Oxide (Total Dust)
Z103	Zinc Oxide (Respirable Fraction)
Z104	Zinc Stearate (Respirable Fraction)
Z126	Ziram
Z129	Zinc Dibutyldithiocarbamate