

GAS OR VAPOUR TO BE MEASURED	TUBE NUMBER	TUBE NAME	MEASURING RANGE (PPM)
ACETALDEHYDE	IG92	ACETALDEHYDE	5-750
ACETALDEHYDE	IG92M	ACETALDEHYDE	2.5-100
ACETALDEHYDE	IG92L	ACETALDEHYDE	Jan-20
ACETIC ACID	IG81	ACETIC ACID	1-100
ACETIC ACID	IG81L	ACETIC ACID	0.125-25
ACETIC ANHYDRIDE	IG81	ACETIC ACID	0.6-15
ACETIC ANHYDRIDE	IG81L	ACETIC ACID	0.15-6
ACETONE	IG151	ACETONE	0.05-2%
ACETONE	IG151L	ACETONE	50-12000
ACETONE CYANOHYDRIN	IG12L	HYDROGEN CYANIDE	2.88-69
ACETONITRILE	IG52	NITRO COMPOUNDS	3-180
ACETYLENE	IG171	ACETYLENE	0.05-4%
ACETYLENE	IG103	HYDROCARBONS (LOWER CLASS)	0.075-6%
ACETYLENE	IG172	ETHYLENE	32.5-1040
ACID GASES	IG80	ACID GASES	Jan-80
ACROLEIN	IG93	ACROLEIN	3.3-800
ACRYLIC ACID	IG81	ACETIC ACID	Feb-50
ACRYLIC ACID	IG81L	ACETIC ACID	0.45-18
ACRYLONITRILE	IG191	ACRYLONITRILE	2-360
ACRYLONITRILE	IG191L	ACRYLONITRILE	0.1-18
ACRYLONITRILE	IG102L	N-HEXANE	0.06-1.44%
ALIPHATIC HYDROCARBONS	IG140	ALIPHATIC HYDROCARBONS	Jun-00
ALLYL AMINE	IG180	AMINES	8.5-170
ALLYL AMINE	IG180L	AMINES	0.4-8
ALLYL ISOTHIOCYANATE	IG149	METHYL METHACRYLATE	5-200
ALLYL CHLORIDE	IG101L	GASOLINE (PETROL)	0.1-3.4%
ALLYL CHLORIDE	IG131L	VINYL CHLORIDE	3.2-48
AMINES	IG180	AMINES	5-100
AMINES	IG180L	AMINES	0.5-10
AMMONIA	IG3H	AMMONIA	0.2-32%
AMMONIA	IG3HM	AMMONIA	0.05-3.52%
AMMONIA	IG3M	AMMONIA	10-1000
AMMONIA	IG3La	AMMONIA	2.5-200
AMMONIA	IG3L	AMMONIA	0.5-78
AMMONIA	IG180	AMINES	1.5-30
AMYL ACETATE	IG147	AMYL ACETATE	10.2
ANILINE	IG181	ANILINE	1.25-60
ARSINE	IG19LA	ARSINE	0.04-10
AROMATIC HYDROCARBONS	IG120	AROMATIC HYDROCARBONS	0.4-200
BENZALDEHYDE	IG91L	FORMALDEHYDE	Apr-92
BENZENE	IG121S	BENZENE	2-312
BENZENE	IG121	BENZENE	2.5-120
BENZENE	IG121SL	BENZENE	1-100
BENZENE	IG121L	BENZENE	0.1-65
BENZENE	IG121SP	BENZENE	0.2-66
BENZENE	IG171	ACETYLENE	0.03-0.6%
BENZYL BROMIDE	IG136L	METHYL BROMIDE	25-850
BENZYL CHLORIDE	IG132L	TRICHLOROETHYLENE	1.6-20
BORON TRICHLORIDE	IG12L	HYDROGEN CYANIDE	0.5-20
BROMINE	IG8La	CHLORINE	0.05-0.8
BROMOFORM	IG136L	METHYL BROMIDE	Jan-50
1,3-BUTADIENE	IG174	1,3-BUTADIENE	50-800
1,3-BUTADIENE	IG174L	1,3-BUTADIENE	2.5-100
1,3-BUTADIENE	IG174LL	1,3-BUTADIENE	0.5-5
BUTANE	IG104	BUTANE	25-1400

BUTANE	IG103	HYDROCARBONS (LOWER CLASS)	0.035-1.68%
1-BUTANOL	IG114	1-BUTANOL	10-150
2-BUTANOL	IG115	2-BUTANOL	5-150
BUTYL ACETATE	IG142	BUTYL ACETATE	0.05-0.8%
BUTYL ACETATE	IG142L	BUTYL ACETATE	10-300
TERT-BUTANOL	IG102L	N-HEXANE	0.05-1.2%
BUTYL ACRYLATE	IG142L	BUTYL ACETATE	7-210
BUTYLAMINE	IG180	AMINES	8-160
BUTYLAMINE	IG180L	AMINES	0.55-11
TERT-BUTYLAMINE	IG180	AMINES	5.5-110
N-BUTYL BROMIDE	IG136H	METHYL BROMIDE	24-360
N-BUTYL BROMIDE	IG136L	METHYL BROMIDE	1-100
N-BUTYL BROMIDE	IG136LA	METHYL BROMIDE	1-43.2
BUTYL MERCAPTAN	IG70L	MERCAPTANS	0.16-12.8
TERT-BUTYL MERCAPTAN (CH3)3CSH	IG75	TERT-BUTYL MERCAPTAN	2.5-150mg/m3
TERT-BUTYL MERCAPTAN (CH3)3CSH	IG75L	TERT-BUTYL MERCAPTAN	0.5-30mg/m3
TERT-BUTYL MERCAPTAN (CH3)3CSH	IG77	TBM AND DMS	1-15mg/m3
TERT-BUTYL MERCAPTAN (CH3)3CSH	IG70L	MERCAPTANS	0.1-8
BUTYRIC ACID	IG81L	ACETIC ACID	0.325-13
BUTYRONITRILE	IG191L	ACRYLONITRILE	6-180
CARBON DIOXIDE	IG2HH	CARBON DIOXIDE	2.5-40%
CARBON DIOXIDE	IG2H	CARBON DIOXIDE	0.5-20%
CARBON DIOXIDE	IG2L	CARBON DIOXIDE	0.13-6%
CARBON DIOXIDE	IG2LL	CARBON DIOXIDE	300-5000
CARBON DIOXIDE	IG2LC	CARBON DIOXIDE	100-4000
CARBON DISULPHIDE	IG13M	CARBON DISULPHIDE	20-4000
CARBON DISULPHIDE	IG13	CARBON DISULPHIDE	0.63-100
CARBON MONOXIDE	IG1HH	CARBON MONOXIDE	1-50%
CARBON MONOXIDE	IG1H	CARBON MONOXIDE	0.1-10%
CARBON MONOXIDE	IG1M	CARBON MONOXIDE	0.05-4%
CARBON MONOXIDE	IG1LM	CARBON MONOXIDE	25-2000
CARBON MONOXIDE	IG1L	CARBON MONOXIDE	2.5-2000
CARBON MONOXIDE	IG1La	CARBON MONOXIDE	8-1000
CARBON MONOXIDE	IG1LK	CARBON MONOXIDE	5-600
CARBON MONOXIDE	IG1LL	CARBON MONOXIDE	May-50
CARBON MONOXIDE	IG1LC	CARBON MONOXIDE	Jan-30
CARBON TETRACHLORIDE	IG134	CARBON TETRACHLORIDE	0.5-60
CARBON TETRACHLORIDE	IG134L	CARBON TETRACHLORIDE	0.25-12
CARBONYL SULPHIDE	IG21	CARBONYL SULPHIDE	5-200
CARBONYL SULPHIDE	IG21LA	CARBONYL SULPHIDE	2-125
CHLORINE	IG8HH	CHLORINE	0.25-10%
CHLORINE	IG8H	CHLORINE	25-1000
CHLORINE	IG8La	CHLORINE	0.1-16
CHLORINE	IG8LL	CHLORINE	0.025-2
CHLORINE	IG80	ACID GASES	0.7-14
CHLORINE DIOXIDE	IG23M	CHLORINE DIOXIDE	0.1-10
CHLORINE DIOXIDE	IG23L	CHLORINE DIOXIDE	0.025-1.2
CHLORINE DIOXIDE	IG8H	CHLORINE	25-250
CHLORINE DIOXIDE	IG8La	CHLORINE	0.3-4.8
CHLOROBENZENE	IG126	CHLOROBENZENE	2-500
CHLOROBENZENE	IG126L	CHLOROBENZENE	0.5-43
CHLOROBROMOMETHANE	IG135	METHYL CHLOROFORM	22-110
CHLOROBROMOMETHANE	IG136H	METHYL BROMIDE	18-270
CHLOROBROMOMETHANE	IG136L	METHYL BROMIDE	Sep-90
CHLOROBROMOMETHANE	IG136LA	METHYL BROMIDE	0.7-12.6
CHLOROCYCLOHEXANE	IG102L	N-HEXANE	50-1200

CHLORODIFLUOROMETHANE (R22)	IG51H	FLUOROCHLOROCARBONS	0.1-2.4%
CHLORODIFLUOROMETHANE (R22)	IG51	FLUOROCHLOROCARBONS	25-1000
CHLORODIFLUOROMETHANE (R22)	IG51L	FLUOROCHLOROCARBONS	2.5-135
CHLOROFORM	IG137	CHLOROFORM	4-400
CHLOROFORM	IG137L	CHLOROFORM	0.5-27
CHLOROPICRIN	IG134	CARBON TETRACHLORIDE	2.5-60
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	IG51	FLUOROCHLOROCARBONS	45-1800
M-CRESOL			
O-CRESOL	IG61	O-CRESOL	Jan-25
P-CRESOL	IG61	O-CRESOL	0.4-62.5
CUMENE	IG122L	TOLUENE	Jan-25
CYCLOHEXANE	IG102H	N-HEXANE	2-100
CYCLOHEXANE	IG102L	N-HEXANE	0.015-1.2%
CYCLOHEXANOL	IG118	CYCLOHEXANOL	60-1440
CYCLOHEXANONE	IG154	CYCLOHEXANONE	5-100
CYCLOHEXANONE	IG91L	FORMALDEHYDE	Feb-75
CYCLOHEXENE	IG151	ACETONE	10-470
			0.05-0.8%
CYCLOHEXYLAMINE	IG180	AMINES	
CYCLOHEXYLAMINE	IG180L	AMINES	7-140
CYMENE	IG141L	ETHYL ACETATE	0.5-10
N-DECANE	IG105	HYDROCARBONS (HIGHER CLASS)	5.6-224
DIACETONE ALCOHOL	IG154	CYCLOHEXANONE	200-6000
DIACETYL	IG92	ACETALDEHYDE	2.5-100
DIBORANE	IG22	DIBORANE	25-1500
1,1-DIBROMOETHANE	IG136L	METHYL BROMIDE	0.02-5
DIBROMOMETHANE	IG136L	METHYL BROMIDE	Jul-70
DI-N-BUTYLAMINE	IG180	AMINES	May-50
DI-N-BUTYLAMINE	IG180L	AMINES	5-100
M-DICHLOROBENZENE	IG127	O-DICHLOROBENZENE	0.4-8
O-DICHLOROBENZENE	IG127	O-DICHLOROBENZENE	2.5-300
P-DICHLOROBENZENE	IG127	O-DICHLOROBENZENE	2.5-300
DICHLORODIFLUOROMETHANE (R12)	IG51H	FLUOROCHLOROCARBONS	325-7800
DICHLORODIFLUOROMETHANE (R12)	IG51	FLUOROCHLOROCARBONS	11-440
DICHLORODIFLUOROMETHANE (R12)	IG51L	FLUOROCHLOROCARBONS	1.8-97
1,1-DICHLOROETHANE	IG135	1,1,1-TRICHLOROETHANE	90-450
1,2-DICHLOROETHYLENE	IG139	1,2-DICHLOROETHYLENE	5-250
1,2-DICHLOROETHYLENE	IG132HA	TRICHLOROETHYLENE	80-800
1,2-DICHLOROETHYLENE	IG132LL	TRICHLOROETHYLENE	0.375-6
1,1-DICHLORO-1-FLUOROETHANE	IG51	FLUOROCHLOROCARBONS	10-1000
1,1-DICHLORO-1-FLUOROETHANE	IG51L	FLUOROCHLOROCARBONS	1.1-22
DICHLOROPENTAFLUOROPROPANE	IG51	FLUOROCHLOROCARBONS	20-800
DICHLOROPENTAFLUOROPROPANE	IG51L	FLUOROCHLOROCARBONS	1.4-28
1,3-DICHLOROPROPENE	IG132HA	TRICHLOROETHYLENE	45-450
1,3-DICHLOROPROPENE	IG131La	VINYL CHLORIDE	0.5-10
1,2-DICHLORO-1,1,2,2-	IG51H	FLUOROCHLOROCARBONS	475-11400
1,2-DICHLORO-1,1,2,2-	IG51	FLUOROCHLOROCARBONS	20-800
1,2-DICHLORO-1,1,2,2-	IG51L	FLUOROCHLOROCARBONS	1.8-97
2,2-DICHLORO-1,1,1-	IG51	FLUOROCHLOROCARBONS	14-1600

2,2-DICHLORO-1,1,1-	IG51L	FLUOROCHLOROCARBONS	1.4-28
DIETHYLAMINE	IG180	AMINES	5.5-110
DIETHYLAMINE	IG180L	AMINES	0.45-9
DIETHYLAMINOETHANOL	IG180L	AMINES	0.6-12
DIETHYL BENZENE	IG122L	TOLUENE	2-150
DIETHYLENETRIAMINE	IG180L	AMINES	0.95-19
DIETHYLETHANOLAMINE	IG180	AMINES	6-120
DIISOBUTYLENE	IG121	BENZENE	45-540
DIISOBUTYL KETONE	IG102L	N-HEXANE	0.2-1%
DIISOBUTYL KETONE	IG91L	FORMALDEHYDE	0.58-29
DIISOPROPYL BENZENE	IG141L	ETHYL ACETATE	10-400
DIISOPROPYL TOLUENE	IG141L	ETHYL ACETATE	10-400
DIISOPROPYLAMINE	IG180	AMINES	5-100
DIISOPROPYLAMINE	IG180L	AMINES	0.3-6
N,N-DIMETHYL ACETAMIDE	IG184	N,N-DIMETHYL ACETAMIDE	1.5-240
DIMETHYLAMINE	IG3H	AMMONIA	1.2-19.2%
DIMETHYLAMINE	IG180	AMINES	5.5-110
DIMETHYLAMINE	IG180L	AMINES	0.45-9
2-DIMETHYLAMINOETHANOL	IG180L	AMINES	0.65-13
DIMETHYLAMINOPROPYLAMINE	IG180	AMINES	8-160
DIMETHYLAMINOPROPYLAMINE	IG180L	AMINES	0.6-12
N,N-DIMETHYLANILINE	IG181	ANILINE	2.5-30
DIMETHYL DISULPHIDE	IG53	DIMETHYL SULPHIDE	0.3-6
DIMETHYLETHANOLAMINE	IG180	AMINES	6.5-130
DIMETHYLETHANOLAMINE	IG180L	AMINES	0.65-13
N,N-DIMETHYLETHYLAMINE	IG180	AMINES	Apr-80
N,N-DIMETHYLETHYLAMINE	IG180L	AMINES	0.3-6
N,N-DIMETHYL FORMAMIDE	IG183	N,N-DIMETHYL FORMAMIDE	0.8-90
DIMETHYLHYDRAZINE	IG185	HYDRAZINE	0.1-2
DIMETHYL SULPHIDE	IG53	DIMETHYL SULPHIDE	0.25-10
DIMETHYL SULPHIDE	IG77	TBM AND DMS	1-15mg/m3
1,4-DIOXANE	IG159	TETRAHYDROFURAN	25-140
1,4-DIOXANE	IG163	ETHYLENE OXIDE	0.1-6%
DIPROPYLAMINE	IG180	AMINES	Apr-80
DIPROPYLAMINE	IG180L	AMINES	0.35-7
DIVINYL BENZENE	IG124L	STYRENE	Jan-15
DIVINYL METHOXYSILANE	IG113L	ISOPROPYL ALCOHOL	2.5-40
ENFLURANE (2-CHLORO-1,1,2-	IG51	FLUOROCHLOROCARBONS	20-1200
ENFLURANE (2-CHLORO-1,1,2-	IG51L	FLUOROCHLOROCARBONS	25-145
EPICHLOROHYDRIN	IG163L	ETHYLENE OXIDE	1.2-120
ETHANOL	IG112	ETHANOL	0.01-7.5%
ETHANOL	IG112L	ETHANOL	50-2000
ETHANOLAMINE	IG180	AMINES	7-140
ETHANOLAMINE	IG180L	AMINES	1.95-39
ETHYL ACETATE	IG141	ETHYL ACETATE	0.1-1.5%
ETHYL ACETATE	IG141L	ETHYL ACETATE	20-800
ETHYL ACRYLATE	IG141L	ETHYL ACETATE	8-320
ETHYLAMINE	IG180	AMINES	5-100
ETHYLAMINE	IG180L	AMINES	0.45-9
ETHYL BENZENE	IG122	TOLUENE	11-330
ETHYL BENZENE	IG122L	TOLUENE	Jan-70
P-ETHYL BENZYLCHLORIDE	IG131La	VINYL CHLORIDE	2.5-50
ETHYL BROMIDE	IG136L	METHYL BROMIDE	2.5-200
ETHYL CHLOROFORMATE	IG131La	VINYL CHLORIDE	7-140

ETHYL CHLORIDE	IG138	METHYLENE CHLORIDE	15.15
ETHYLENE	IG172	ETHYLENE	25-1680
ETHYLENE	IG172L	ETHYLENE	0.2-100
ETHYLENE	IG103	HYDROCARBONS (LOWER CLASS)	0.35-16.8%
ETHYLENE	IG171	ACETYLENE	0.1-2%
ETHYLENE CHLOROHYDRIN	IG111L	METHANOL	20-200
ETHYLENEDIAMINE	IG180	AMINES	14-280
ETHYLENEDIAMINE	IG180L	AMINES	0.9-18
ETHYLENE DIBROMIDE	IG136H	METHYL BROMIDE	14-210
ETHYLENE DIBROMIDE	IG136L	METHYL BROMIDE	Aug-80
ETHYLENE DICHLORIDE	IG135	METHYL CHLOROFORM	400-2000
ETHYLENE DICHLORIDE	IG135L	METHYL CHLOROFORM	104-1040
ETHYLENE GLYCOL	IG165L	ETHYLENE GLYCOL	10-100mg/m3
ETHYLENE GLYCOL MONOBUTYL ETHER	IG113L	ISOPROPYL ALCOHOL	30-1000
ETHYLENE GLYCOL MONOBUTYL ETHER	IG113LL	ISOPROPYL ALCOHOL	23-230
ETHYLENE GLYCOL MONOETHYL ETHER	IG113L	ISOPROPYL ALCOHOL	62.5-1000
ETHYLENE GLYCOL MONOETHYL ETHER	IG113LL	ISOPROPYL ALCOHOL	15.2-152
ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	IG113L	ISOPROPYL ALCOHOL	Jun-96
ETHYLENE GLYCOL MONOMETHYL ETHER	IG113L	ISOPROPYL ALCOHOL	15-900
ETHYLENE GLYCOL MONOMETHYL ETHER	IG113LL	ISOPROPYL ALCOHOL	20-200
ETHYLENE OXIDE	IG163	ETHYLENE OXIDE	0.05-3%
ETHYLENE OXIDE	IG163L	ETHYLENE OXIDE	0.4-350
ETHYLENE OXIDE	IG163LL	ETHYLENE OXIDE	0.1-10
ETHYL ETHER	IG161	ETHYL ETHER	0.04-1%
ETHYL ETHER	IG161L	ETHYL ETHER	10-1200
ETHYL MERCAPTAN	IG72	ETHYL MERCAPTAN	0.5-120
ETHYL MERCAPTAN	IG72L	ETHYL MERCAPTAN	0.2-75
ETHYL MERCAPTAN	IG70	MERCAPTANS	0.5-120
ETHYL MERCAPTAN	IG70L	MERCAPTANS	0.1-8
ETHYL MERCAPTAN	IG71H	METHYL MERCAPTAN	100-3800
N-ETHYL MORPHOLINE	IG180	AMINES	5-100
N-ETHYL MORPHOLINE	IG180L	AMINES	0.3-6
FLUORINE	IG17	HYDROGEN FLUORIDE	1.25-50
FORMALDEHYDE	IG91M	FORMALDEHYDE	Aug-00
FORMALDEHYDE	IG91	FORMALDEHYDE	2-100
FORMALDEHYDE	IG91L	FORMALDEHYDE	0.1-40
FORMALDEHYDE	IG91LL	FORMALDEHYDE	0.05-1
FORMIC ACID	IG81	ACETIC ACID	5.2-130
FORMIC ACID	IG81L	ACETIC ACID	0.5-20
FURFURAL	IG154	CYCLOHEXANONE	Feb-30
GASOLINE (PETROL)	IG101	GASOLINE (PETROL)	0.015-1.2%
GASOLINE (PETROL)	IG101L	GASOLINE (PETROL)	30-2000
GASOLINE (PETROL)	IG1M	CARBON MONOXIDE	0.1-2%
HALOTHANE (2-BROMO-2-CHLORO1,1,1-TRIFLUOROETHANE)	IG51H	FLUOROCHLOROCARBONS (PYROTEC TUBE)	800-6400
HALOTHANE (2-BROMO-2-CHLORO1,1,1-TRIFLUOROETHANE)	IG51	FLUOROCHLOROCARBONS	240-960
HALOTHANE (2-BROMO-2-CHLORO-	IG51L	FLUOROCHLOROCARBONS	Mar-60

1,1,1 - TRIFLUOROETHANE)			
HEPTANE	IG101	GASOLINE (PETROL)	0.015-1.2%
HEPTANE	IG101L	GASOLINE (PETROL)	30-2000
HEPTANE	IG103	HYDROCARBONS (LOWER CLASS)	0.035-1.68%
HEPTANE	IG105	HYDROCARBONS (HIGHER CLASS)	90-2700
HEXAMETHYLENEDIAMINE	IG180L	AMINES	1.55-31
N-HEXANE	IG102H	N-HEXANE	0.015-1.2%
N-HEXANE	IG102L	N-HEXANE	4-1200
N-HEXANE	IG103	HYDROCARBONS (LOWER CLASS)	0.025-1.2%
N-HEXANE	IG105	HYDROCARBONS (HIGHER CLASS)	80-2400
2-HEXYL ALCOHOL	IG141L	ETHYL ACETATE	60-2400
HEXYLAMINE	IG180	AMINES	9-180
HEXYLAMINE	IG180L	AMINES	0.65-13
HYDRAZINE	IG185	HYDRAZINE	0.05-2
HYDROCARBONS (HIGHER CLASS)	IG105	HYDROCARBONS (HIGHER CLASS)	100-3000
HYDROCARBONS (LOWER CLASS)	IG103	HYDROCARBONS (LOWER CLASS)	0.05-2.4%
HYDROGEN	IG30	HYDROGEN	0.5-2%
HYDROGEN BROMIDE	IG15L	NITRIC ACID	0.8-16
HYDROGEN CHLORIDE HCL	IG14R	HYDROGEN CHLORIDE (FOR LOW HUMIDITY)	50-5000
HYDROGEN CHLORIDE HCL	IG14M	HYDROGEN CHLORIDE	10-1000
HYDROGEN CHLORIDE	IG14L	HYDROGEN CHLORIDE	0.2-76
HYDROGEN CHLORIDE	IG80	ACID GASES	8-160
HYDROGEN CHLORIDE	IG8HH	CHLORINE	1.5-30%
HYDROGEN CYANIDE	IG12H	HYDROGEN CYANIDE	0.5-1.6%
HCN	IG12M	HYDROGEN CYANIDE	17-2400
HCN	IG12L	HYDROGEN CYANIDE	0.36-120
HCN	IG12LL	HYDROGEN CYANIDE	0.2-7
HYDROGEN FLUORIDE HF	IG17	HYDROGEN FLUORIDE	0.25-100
HYDROGEN FLUORIDE HF	IG17L	HYDROGEN FLUORIDE	0.09-72
HYDROGEN PEROXIDE	IG32	HYDROGEN PEROXIDE	0.5-10
HYDROGEN SULPHIDE	IG4HT	HYDROGEN SULPHIDE	1-40%
HYDROGEN SULPHIDE	IG4HP	HYDROGEN SULPHIDE	0.25-20%
HYDROGEN SULPHIDE	IG4HH	HYDROGEN SULPHIDE	0.1-4%
HYDROGEN SULPHIDE	IG4H	HYDROGEN SULPHIDE	Oct-00
HYDROGEN SULPHIDE	IG4HM	HYDROGEN SULPHIDE	25-1600
HYDROGEN SULPHIDE	IG4M	HYDROGEN SULPHIDE	12.5-500
HYDROGEN SULPHIDE	IG4L	HYDROGEN SULPHIDE	1-240
HYDROGEN SULPHIDE	IG4LL	HYDROGEN SULPHIDE	0.25-120
HYDROGEN SULPHIDE	IG4LK	HYDROGEN SULPHIDE	Jan-40
HYDROGEN SULPHIDE	IG4LB	HYDROGEN SULPHIDE	0.5-12
HYDROGEN SULPHIDE	IG4LT	HYDROGEN SULPHIDE	0.1-4
HYDROGEN SULPHIDE	IG45S	HYDROGEN SULPHIDE,	1.25-120
HYDROGEN SULPHIDE	IG45H	HYDROGEN SULPHIDE	0.02-8%
IODINE	IG9L	NITROGEN DIOXIDE	0.2-12
IODINE	IG80	ACID GASES	0.12-2.4
ISOAMYL ACETATE	IG148	ISOAMYL ACETATE	10-200
ISOAMYL ALCOHOL	IG117	ISOAMYL ALCOHOL	5-300
ISOBUTANE	IG103	HYDROCARBONS (LOWER CLASS)	0.035-1.68%
ISOBUTANE	IG104	BUTANE	55-3080
ISOBUTENE	IG101L	GASOLINE (PETROL)	0.07-2.2%
ISOBUTYL ACETATE	IG144	ISOBUTYL ACETATE	10-300
ISOBUTYL ACRYLATE	IG142L	BUTYL ACETATE	2.6-78

ISOBUTYL ALCOHOL	IG116	ISOBUTYL ALCOHOL	10-150
ISOFLURANE (1-CHLORO-2,2,2ETHER)	IG51	FLUOROCHLOROCARBONS	200-1000
ISOFLURANE (1-CHLORO-2,2,2ETHER)	IG51L	FLUOROCHLOROCARBONS	30-120
ISOOCTANE	IG101	GASOLINE (PETROL)	0.027-0.54%
ISOPENTANE	IG103	HYDROCARBONS (LOWER CLASS)	0.045-2.16%
ISOPHORONE	IG154	CYCLOHEXANONE	Feb-30
ISOPROPYL ACETATE	IG146	ISOPROPYL ACETATE	10-500
ISOPROPYL ALCOHOL	IG113	ISOPROPYL ALCOHOL	0.02-5%
ISOPROPYL ALCOHOL	IG113L	ISOPROPYL ALCOHOL	25-800
ISOPROPYL ALCOHOL	IG113LL	ISOPROPYL ALCOHOL	20-440
ISOPROPYL AMINE	IG180	AMINES	5.5-110
ISOPROPYL AMINE	IG180L	AMINES	0.45-9
ISOPROPYL ETHER	IG141L	ETHYL ACETATE	18-720
ISOPROPYL ETHER	IG161	ETHYL ETHER	0.018-0.45%
ISOPROPYL MERCAPTANE	IG70	MERCAPTANS	10-240
ISOVALERIC ACID	IG81	ACETIC ACID	Feb-50
ISOVALERIC ACID	IG81L	ACETIC ACID	0.38-15
LPG (LIQUIFIED PETROLEUM GAS)	IG100A	LPG	0.02-0.8%
MALEIC ANHYDRIDE	IG81	ACETIC ACID	0.8-20
MERCAPTANS	IG70	MERCAPTANS	0.5-120
MERCAPTANS	IG70L	MERCAPTANS	0.1-8
2-MERCAPTOETHANOL	IG75L	TERT-BUTYL MERCAPTAN	0.5-7.5
MERCURY VAPOUR HG	IG40	MERCURY VAPOUR	0.05-13.2mg/m3
MESITYL OXIDE	IG141L	ETHYL ACETATE	27-1080
METHACRYLIC ACID	IG81	ACETIC ACID	1.8-45
METHACRYLIC ACID	IG81L	ACETIC ACID	0.35-14
METHACRYLONITRILE	IG192	METHACRYLONITRILE	0.2-32
METHALDEHYDE	IG91L	FORMALDEHYDE	0.065-3.25
METHANOL	IG111	METHANOL	0.002-4.5%
METHANOL	IG111L	METHANOL	20-1000
METHANOL	IG111LL	METHANOL	Feb-56
2-METHOXYETHYL ACETATE	IG113L	ISOPROPYL ALCOHOL	20-1300
1-METHOXY-2-PROPANOL	IG113L	ISOPROPYL ALCOHOL	50-800
1-METHOXY-2-PROPANOL	IG113LL	ISOPROPYL ALCOHOL	15.2-152
METHYL ACRYLATE	IG141L	ETHYL ACETATE	8-320
2-METHYL ALLYL CHLORIDE	IG131La	VINYL CHLORIDE	2.8-55
METHYLAMINE CH3NH2	IG180	AMINES	5-100
METHYLAMINE CH3NH3	IG180L	AMINES	0.5-10
N-METHYL ANILINE	IG181	ANILINE	3.5-42
METHYL BROMIDE	IG136H	METHYL BROMIDE	10-600
METHYL BROMIDE	IG136L	METHYL BROMIDE	2.5-200
METHYL BROMIDE	IG136LA	METHYL BROMIDE	Jan-36
2-METHYL-3-BUTENENITRILE	IG191L	ACRYLONITRILE	0.4-12
METHYL CHLORIDE	IG51	FLUOROCHLOROCARBONS	12-480
METHYL CHLORIDE	IG51L	FLUOROCHLOROCARBONS	1.6-86
METHYL CHLOROFORM	IG135	METHYL CHLOROFORM	100-2000
METHYL CHLOROFORM	IG135L	METHYL CHLOROFORM	6-900
METHYL CHLOROFORM	IG171	ACETYLENE	0.06-1.2%
METHYL CHLOROFORMATE	IG131La	VINYL CHLORIDE	58-1160
METHYLCYCLOHEXANE	IG102H	N-HEXANE	0.04-0.84%
METHYLCYCLOHEXANOL	IG119	METHYLCYCLOHEXANOL	5-100
METHYLCYCLOHEXANONE	IG155	METHYLCYCLOHEXANONE	2-100
METHYLENE CHLORIDE	IG138	METHYLENE CHLORIDE	20-500
METHYLENE CHLORIDE	IG138L	METHYLENE CHLORIDE	5-150
METHYLENE CHLORIDE	IG51L	FLUOROCHLOROCARBONS	Jan-54

METHYLENE IODIDE	IG121L	BENZENE	0.22-22
METHYL ETHER	IG161	ETHYL ETHER	0.03-0.85%
METHYL ETHYL KETONE	IG152	METHYL ETHYL KETONE	0.02-0.6%
METHYL ETHYL KETONE	IG151L	ACETONE	21-1680
METHYL HYDRAZINE	IG185	HYDRAZINE	0.6-12
METHYL ISOBUTYL KETONE	IG153	METHYL ISOBUTYL KETONE	0.05-0.6%
METHYL MERCAPTAN	IG71H	METHYL MERCAPTAN	20-2700
METHYL MERCAPTAN	IG71	METHYL MERCAPTAN	0.25-140
METHYL MERCAPTAN	IG70	MERCAPTANS	0.35-84
METHYL MERCAPTAN	IG70L	MERCAPTANS	0.1-8
METHYL METHACRYLATE	IG149	METHYL METHACRYLATE	10-500
N-METHYL MORPHOLINE	IG180	AMINES	5-100
N-METHYL MORPHOLINE	IG180L	AMINES	0.3-6
4-METHYL PYRIDINE	IG182	PYRIDINE	0.38-10.5
N-METHYL PYRROLIDONE	IG180	AMINES	50-270
MORPHOLINE	IG180	AMINES	9-180
MORPHOLINE	IG180L	AMINES	0.5-10
NAPHTHALENE	IG60	PHENOL	0.5-14
NICKEL CARBONYL	IG20L	NICKEL CARBONYL	10-800
NITRIC ACID	IG15L	NITRIC ACID	0.1-40
NITRIC ACID	IG80	ACID GASES	5-100
NITROETHANE	IG52	NITRO COMPOUNDS	4-240
NITROGEN DIOXIDE	IG9L	NITROGEN DIOXIDE	0.5-125
NITROGEN DIOXIDE	IG10	NO + NO2	2.5-200
NITROGEN DIOXIDE	IG80	ACID GASES	0.2-4
NITROGEN DIOXIDE	IG52	NITROGEN COMPOUNDS	0.5-30
NITROGEN OXIDE	IG10	NO + NO2	2.5-200
NITROGEN OXIDES	IG11HA	NITROGEN OXIDES	50-2500
NITROGEN OXIDES	IG11S	NITROGEN OXIDES	5-625
NITROGEN OXIDES	IG11L	NITROGEN OXIDES	0.04-16.5
NITROMETHANE	IG52	NITRO COMPOUNDS	5-300
1-NITROPROPANE	IG52	NITRO COMPOUNDS	4.2-252
2-NITROPROPANE	IG52	NITRO COMPOUNDS	3.7-222
NONANE	IG105	HYDROCARBONS (HIGHER CLASS)	130-3900
OCTANE	IG101	GASOLINE (PETROL)	0.036-.072%
OCTANE	IG105	HYDROCARBONS(HIGHER CLASS)	100-3000
OLEFINS	IG100A	LPG	0.34-13.6
OXYGEN	IG31B	OXYGEN	3-24%
OZONE	IG18M	OZONE	4-400
OZONE	IG18L	OZONE	0.025-3
PENTACHLOROETHANE	IG133L	TETRACHLOROETHYLENE	40-500
1,3-PENTADIENE	IG174	1,3-BUTADIENE	250-4000
1,3-PENTADIENE	IG174L	1,3-BUTADIENE	42.5-850
PENTAMETHYLENEDIAMINE	IG180L	AMINES	0.75-15
N-PENTANE	IG104	BUTANE	30-1680
N-PENTANE	IG103	HYDROCARBONS (LOWER CLASS)	0.0375-1.8%
2-PENTENENITRILE	IG193	2-PENTENENITRILE	0.5-15
2-PENTENENITRILE	IG191L	ACRYLONITRILE	0.24-7.2
3-PENTENENITRILE	IG191L	ACRYLONITRILE	0.4-12
PETROLEUM BENZINE	IG106	PETROLEUM NAPHTHA	0.5-28mg/L
PETROLEUM ETHER	IG106	PETROLEUM NAPHTHA	0.5-28mg/L
PETROLEUM NAPHTHA	IG106	PETROLEUM NAPHTHA	0.5-28mg/L
PHENOL	IG60	PHENOL	0.4-187
PHOSGENE	IG16	PHOSGENE	0.05-20
PHOSPHINE	IG7H	PHOSPHINE	200-5500
PHOSPHINE	IG7J	PHOSPHINE	2.5-1000
PHOSPHINE	IG7	PHOSPHINE	2.5-100



PHOSPHINE	IG7L	PHOSPHINE	0.15-5
PHOSPHINE	IG7LA	PHOSPHINE	0.05-9.8
A-PINENE	IG121	BENZENE	95-1140
PROPANE	IG103	HYDROCARBONS(LOWER CLASS)	0.05-2.4%
PROPIONALDEHYDE	IG91L	FORMALDEHYDE	0.76-38
PROPIONALDEHYDE	IG151L	ACETONE	24-1880
PROPIONIC ACID	IG81	ACETIC ACID	Mar-75
PROPIONIC ACID	IG81L	ACETIC ACID	0.25-10
PROPIONITRILE	IG191	ACRYLONITRILE	50-1200
PROPYL ACETATE	IG145	PROPYL ACETATE	20-500
PROPYL ALCOHOL	IG113	ISOPROPYL ALCOHOL	0.04-2.5%
PROPYL ALCOHOL	IG113L	ISOPROPYL ALCOHOL	65-1040
PROPYL ALCOHOL	IG113LL	ISOPROPYL ALCOHOL	13.6-136
PROPYLAMINE	IG180	AMINES	6-120
PROPYLAMINE	IG180L	AMINES	0.5-10
PROPYLENE	IG100A	LPG	0.02-0.8%
PROPYLENE DICHLORIDE	IG131La	VINYL CHLORIDE	40-800
PROPYLENE IMINE	IG180	AMINES	5.5-110
PROPYLENE IMINE	IG180L	AMINES	0.35-7
PROPYLENE OXIDE	IG163	ETHYLENE OXIDE	0.065-3.9%
PROPYLENE OXIDE	IG163L	ETHYLENE OXIDE	1-100
PROPYL MERCAPTAN	IG70	MERCAPTANS	22.5-540
PROPYL MERCAPTAN	IG70L	MERCAPTANS	0.12-9.6
PYRIDINE	IG182	PYRIDINE	0.2-35
3,3-DICHLORO-1,1,2,2-	IG51	FLUOROCHLOROCARBONS	20-800
3,3-DICHLORO-1,1,2,2-	IG51L	FLUOROCHLOROCARBONS	1.4-28
STODDARD SOLVENT	IG128	STODDARD SOLVENT	50-8000mg/m3
STYRENE	IG124	STYRENE	10-1500
STYRENE	IG124L	STYRENE	2-100
STYRENE	IG153	METHYL ISOBUTYL KETONE	0.075-0.9%
SULPHUR DIOXIDE	IG5H	SULPHUR DIOXIDE	0.05-8%
SULPHUR DIOXIDE	IG5M	SULPHUR DIOXIDE	20-3600
SULPHUR DIOXIDE	IG5L	SULPHUR DIOXIDE	1.25-200
SULPHUR DIOXIDE	IG5La	SULPHUR DIOXIDE	0.5-60
SULPHUR DIOXIDE	IG5LC	SULPHUR DIOXIDE	0.1-25
SULPHUR DIOXIDE	IG5Lb	SULPHUR DIOXIDE	0.05-10
SULPHUR DIOXIDE	IG45S	HYDROGEN SULPHIDE,	0.25-20
SULPHUR DIOXIDE	IG80	ACID GASES	1.5-30
SULPHURIC ACID	IG35	SULPHURIC ACID	0.5-5mg/m3
1,1,2,2-TETRABROMOETHANE	IG135L	METHYL CHLOROFORM	0.92-9.2
1,1,2,2-TETRACHLORO-1,2-	IG51H	FLUOROCHLOROCARBONS	125-3000
1,1,2,2-TETRACHLORO-1,2-	IG51	FLUOROCHLOROCARBONS	7-280
1,1,2,2-TETRACHLORO-1,2-	IG51L	FLUOROCHLOROCARBONS	Jan-54
1,1,2,2-TETRACHLOROETHANE	IG131L	VINYL CHLORIDE	Feb-30
TETRACHLOROETHYLENE	IG133HA	TETRACHLOROETHYLENE	7-900
TETRACHLOROETHYLENE	IG133M	TETRACHLOROETHYLENE	2-250
TETRACHLOROETHYLENE	IG133L	TETRACHLOROETHYLENE	Jan-75
TETRACHLOROETHYLENE	IG133LL	TETRACHLOROETHYLENE	0.1-9
TETRACHLOROETHYLENE	IG132HH	TRICHLOROETHYLENE	0.075-1.5%
TETRAHYDROFURAN	IG159	TETRAHYDROFURAN	20-800
TETRAHYDROFURAN	IG161	ETHYL ETHER	0.056-1.4%
TETRAHYDROTHIOPHENE	IG76H	TETRAHYDROTHIOPHENE	10-200
TETRAHYDROTHIOPHENE	IG76M	TETRAHYDROTHIOPHENE	10-100mg/m3
TETRAHYDROTHIOPHENE	IG76	TETRAHYDROTHIOPHENE	01-Oct
TETRAMETHYLENEDIAMINE	IG180	AMINES	8.5-170
TETRAMETHYLENEDIAMINE	IG180L	AMINES	0.8-16
THIONYLE CHLORIDE	IG5La	SULPHUR DIOXIDE	1.44-21.6
TOLUENE	IG122	TOLUENE	5-690

TOLUENE	IG122L	TOLUENE	1-100
TOLUENE	IG161	ETHYL ETHER	0.02-0.8%
O-TOLUIDINE	IG181	ANILINE	May-60
TRICHLOROACETIC ACID	IG15L	NITRIC ACID	1-37.5
1,2,4-TRICHLOROBENZENE	IG131La	VINYL CHLORIDE	0.65-13
1,1,2-TRICHLOROETHANE	IG135	METHYL CHLOROFORM	220-750
TRICHLOROETHYLENE	IG132HH	TRICHLOROETHYLENE	0.05-2.5%
TRICHLOROETHYLENE	IG132HA	TRICHLOROETHYLENE	20-1300
TRICHLOROETHYLENE	IG132M	TRICHLOROETHYLENE	2-250
TRICHLOROETHYLENE	IG132L	TRICHLOROETHYLENE	Jan-70
TRICHLOROETHYLENE	IG132LL	TRICHLOROETHYLENE	0.125-8
TRICHLOROFLUOROMETHANE (R11)	IG51H	FLUOROCHLOROCARBONS	275-6600
TRICHLOROFLUOROMETHANE (R11)	IG51	FLUOROCHLOROCARBONS	8-320
TRICHLOROFLUOROMETHANE (R11)	IG51L	FLUOROCHLOROCARBONS	0.8-43
1,2,3-TRICHLOROPROPANE	IG135L	METHYL CHLOROFORM	36-360
1,1,2-TRICHLORO-1,2,2-	IG51H	FLUOROCHLOROCARBONS	250-6000
1,1,2-TRICHLORO-1,2,2-	IG51	FLUOROCHLOROCARBONS	10-400
1,1,2-TRICHLORO-1,2,2-	IG51L	FLUOROCHLOROCARBONS	Jan-54
1,1,1-TRICHLORO-2,2,2-	IG51H	FLUOROCHLOROCARBONS	200-4800
1,1,1-TRICHLORO-2,2,2-	IG51	FLUOROCHLOROCARBONS	10-400
1,1,1-TRICHLORO-2,2,2-	IG51L	FLUOROCHLOROCARBONS	0.8-43
TRIETHYLAMINE	IG180	AMINES	4.5-90
TRIETHYLAMINE	IG180L	AMINES	0.3-6
TRIMETHYLAMINE	IG3M	AMMONIA	25-250
TRIMETHYLAMINE	IG180	AMINES	3.5-70
TRIMETHYLAMINE	IG180L	AMINES	0.25-5
TRIMETHYL BENZENE	IG123	XYLENE	10-300
VALERIC ACID	IG81L	ACETIC ACID	0.38-15
VINYL ACETATE	IG143	VINYL ACETATE	5-250
VINYL ACETATE	IG141	ETHYL ACETATE	0.06-0.9%
VINYL CHLORIDE	IG131	VINYL CHLORIDE	0.025-2%
VINYL CHLORIDE	IG131LA	VINYL CHLORIDE	0.25-54
VINYL CHLORIDE	IG131L	VINYL CHLORIDE	0.1-6
VINYL CHLORIDE	IG131LB	VINYL CHLORIDE	0.25-70
VINYLDENE CHLORIDE	IG130L	VINYLDENE CHLORIDE	0.4-40.6
VINYL TRIMETHOXSILANE	IG113L	ISOPROPYL ALCOHOL	2.5-40
WATER VAPOUR	IG6	WATER VAPOUR	0.5-32mg/L
WATER VAPOUR	IG6L	WATER VAPOUR	0.05-2mg/L
WATER VAPOUR	IG6LP	PIPELINE DEW POINT TUBE	3-100LB/MMCF
WATER VAPOUR	IG6LLP	PIPELINE DEW POINT TUBE	2-10LB/MMCF
XYLENE	IG123	XYLENE	5-625
XYLENE	IG123L	XYLENE	2-200
XYLENE	IG100A	LPG	0.1-1.2%
XYLENE	IG122L	TOLUENE	2-200
OIL MIST TUBES	109AD	OIL MIST	0.2-5mg/m3