

# A LIST OF THE MOST COMMONLY DETECTED GASES AND SENSOR TYPES AVAILABLE FROM ELECTRONIC DEVICES LIMITED (JUNE 2005).

THIS LIST IS A SUMMARY, IF A PARTICULAR GAS OR CONCENTRATION IS NOT LISTED CONTACT ELECTRONIC DEVICES  
 ELECTRONIC DEVICES CANNOT GUARANTEE THE AVAILABILITY OF CALIBRATION GAS  
 ELECTRONIC DEVICES ADVISE THE STUDY OF COSHH REGULATIONS AND THE EH40 OCCUPATIONAL EXPOSURE LIMITS LIST AVAILABLE FROM THE HSE

<u>GAS</u>	<u>RANGE</u>	<u>SENSOR TYPE</u>	<u>HAZARDOUS AREA CERTIFIED PART No.</u>	<u>UNCERTIFIED PART No.</u>	<u>REPLACEMENT CELL (IS ONLY)</u>	<u>NOTES</u>
ACETYLENE	0-100% LEL	SEMICONDUCTOR	EDF 1B	EDP1B		
ACETONE	50-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
ACRYLONITRILE	10-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
AMMONIA	0-100PPM	ELECTROCHEMICAL	EDF 5C 100	ED 5C 0-100 NON IS	5C 0-100	Require Head Electronics
AMMONIA	0-1000PPM	ELECTROCHEMICAL	EDF 5C 1000	ED 5C 0-1000 NON IS	5C 0-1000	Require Head Electronics
AMMONIA	5000-10000PPM (1.0%VOL)	SEMICONDUCTOR	EDF 1B	EDP1B		
AMMONIA	5000-10000PPM (1.0%VOL)	CATALYTIC	EDF 9C			Require Head Electronics
BENZENE	10-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
BUTANE	0-100% LEL	SEMICONDUCTOR	EDF 1B	EDP1B		
CARBON MONOXIDE	0-500PPM	ELECTROCHEMICAL	EDF 7C 500	ED 7C 0-500 NON IS	7C 0-500	Require Head Electronics
CARBON MONOXIDE	0-1000PPM	ELECTROCHEMICAL	EDF 7C 1000	ED 7C 0-1000 NON IS	7C 0-1000	Require Head Electronics
CHLORINE	0-50PPM	ELECTROCHEMICAL	EDF CL2 50	ED CL2 50 NON IS	CL2 50	Require Head Electronics
CHLORINE	0-100PPM	ELECTROCHEMICAL	EDF CL2 100	ED CL2 100 NON IS	CL2 100	Require Head Electronics
DIMETHYL AMINE	50-500PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
ETHANE	50-10,000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
ETHYLENE	500-3000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
ETHANOL	500-10,000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
ETHYLENE OXIDE	500-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
FREON 22	500-10000PPM	SEMICONDUCTOR	EDF 3B	EDP3B		
FREON 11,12,21,113	500-10000PPM	SEMICONDUCTOR	EDF 3B FIG	EDP3B FIG		
FREON 404A, 407C	1000-10000PPM	SEMICONDUCTOR	EDF 3B FIG	EDP3B FIG		
FREON 134A, 143A	1000-10000PPM	SEMICONDUCTOR	EDF 3B FIG	EDP3B FIG		
HEXANE	50-5000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
HYDROGEN	50-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
HYDROGEN	0-10000PPM	ELECTROCHEMICAL	EDF H2 1%	ED H2 1% NON IS	H2 1%	Require Head Electronics
HYDROGEN	0-40000PPM	ELECTROCHEMICAL	EDF H2 4%	ED H2 4% NON IS	H2 4%	Require Head Electronics
HYDROGEN SULPHIDE	0-100PPM	ELECTROCHEMICAL	EDF 4C 100	ED 4C 100 NON IS	4C 100	Require Head Electronics
HYDROGEN SULPHIDE	0-200PPM	ELECTROCHEMICAL	EDF 4C 200	ED 4C 200 NON IS	4C 200	Require Head Electronics
HYDROGEN SULPHIDE	0-500PPM	ELECTROCHEMICAL	EDF 4C 500	ED 4C 500 NON IS	4C 500	Require Head Electronics
HYDROGEN CHLORIDE	0-30PPM	ELECTROCHEMICAL	EDF HCL 30	ED HCL 30 NON IS	HCL 30	Require Head Electronics
HYDROGEN CYANIDE	0-30PPM	ELECTROCHEMICAL	EDF HCN 30	ED HCN 30 NON IS	HCN 30	Require Head Electronics
HYDROGEN FLUORIDE	0-10PPM	ELECTROCHEMICAL	EDF 10C 10	ED 10C 10 NON IS	10C 10	Require Head Electronics
METHANE	0-100%LEL	SEMICONDUCTOR	EDF 2B	EDP2B		
METHANE	0-100%LEL	CATALYTIC	EDF 8C			Require Head Electronics
METHANOL	50-500PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
METHYL ACETATE	50-500PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
METHYL CHLORIDE	10-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
METHYLENE CHLORIDE	50-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
METHYL ETHER	500-3000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
METHYL ETHYL KETONE	50-200PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
METHYL MERCAPTAN	50-3000PPM	SEMICONDUCTOR	EDF 2B	EDP2B		
NITROGEN DIOXIDE	0-50PPM	ELECTROCHEMICAL	EDF NO2 50	ED NO2 50 NON IS	NO2 50	Require Head Electronics
NITROGEN OXIDE	0-100PPM	ELECTROCHEMICAL	EDF NO 100	ED NO 100 NON IS	NO 100	Require Head Electronics
PENTANE	50-5000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
PROPANE	500-10000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
VINYL CHLORIDE	50-1000PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
SULPHUR DIOXIDE	0-10PPM	ELECTROCHEMICAL	EDF SO2 10	ED SO2 10 NON IS	SO2 10	Require Head Electronics
SULPHUR DIOXIDE	10-500PPM	SEMICONDUCTOR	EDF 2B	EDP2B		
TRICHLOROETHANE	20-400PPM	SEMICONDUCTOR	EDF 1B	EDP1B		
TRICHLOROETHYLENE	50-3000PPM	SEMICONDUCTOR	EDF 3B FIG	EDP3B FIG		



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