Appendix VII

Some chemical symbols used in this report

C	carbon (there are three isotopes: ^{12}C, ^{13}C, ^{14}C)
Ca	calcium
$CaCO_3$	calcium carbonate
CCl_4	carbon tetrachloride
CF_4	perfluoromethane
C_2F_6	perfluoroethane
C_3F_8	perfluoropropane
C_4F_8	perfluorocyclobutane
C_4F_{10}	perfluorobutane
C_5F_{12}	perfluoropentane
C_6F_{14}	perfluorohexane
CFC	chlorofluorocarbon
CFC-11	$CFCl_3$ (trichlorofluoromethane)
CFC-12	CF_2Cl_2 (dichlorodifluoromethane)
CFC-13	CF_3Cl (chlorotrifluoromethane)
CFC-113	$CF_2ClCFCl_2$ (trichlorotrifluoroethane)
CFC-114	CF_2ClCF_2Cl (dichlorotetrafluoroethane)
CFC-115	CF_3CF_2Cl (chloropentafluoroethane)
CF_3I	trifluoroiodomethane
CH_4	methane
C_2H_6	ethane
C_5H_8	isoprene
C_6H_6	benzene
C_7H_8	toluene
$C_{10}H_{16}$	terpene
CH_3Br	methylbromide
CH_3CCl_3	methyl chloroform
$CHCl_3$	chloroform/trichloromethane
CH_2Cl_2	dichloromethane/methylene chloride
CH_3Cl	methylchloride
CH_3OCH_3	dimethyl ether
CO	carbon monoxide
CO_2	carbon dioxide
CO_3^{2-}	carbonate ion
DIC	dissolved inorganic carbon
DOC	dissolved organic carbon
H_2	hydrogen
halon-1211	CF_2ClBr
halon-1301	CF_3Br
halon-2402	CF_2BrCF_2Br
HCFC	hydrochlorofluorocarbon
HCFC-21	$CHCl_2F$
HCFC-22	CHF_2Cl
HCFC-123	$C_2F_3HCl_2$
HCFC-124	CF_3CHClF
HCFC-141b	CH_3CFCl_2
HCFC-142b	CH_3CF_2Cl
HCFC-225ca	$CF_3CF_2CHCl_2$
HCFC-225cb	$CClF_2CF_2CHClF$
HCFE-235da2	$CF_3CHClOCHF_2$
HCO_3^-	bicarbonate ion
HFC	hydrofluorocarbon
HFC-23	CHF_3
HFC-32	CH_2F_2
HFC-41	CH_3F
HFC-125	CHF_2CF_3
HFC-134	CHF_2CHF_2
HFC-134a	CF_3CH_2F
HFC-143	$CH_2F\ CHF_2$
HFC-143a	CH_3CF_3
HFC-152	CH_2FCH_2F
HFC-152a	CH_3CHF_2
HFC-161	CH_3CH_2F
HFC-227ea	CF_3CHFCF_3
HFC-236cb	$CF_3CF_2CH_2F$
HFC-236ea	$CF_3CHFCHF_2$
HFC-236fa	$CF_3CH_2CF_3$
HFC-245ca	$CH_2FCF_2CHF_2$
HFC-245ea	$CHF_2CHFCHF_2$
HFC-245eb	CF_3CHFCH_2F

HFC-245fa	$CHF_2CH_2CF_3$
HFC-263fb	$CF_3CH_2CH_3$
HFC-338pcc	$CHF_2CF_2CF_2CF_2H$
HFC-356mcf	$CF_3CF_2CH_2CH_2F$
HFC-356mff	$CF_3CH_2CH_2CF_3$
HFC-365mfc	$CF_3CH_2CF_2CH_3$
HFC-43-10mee	$CF_3CHFCHFCF_2CF_3$
HFC-458mfcf	$CF_3CH_2CF_2CH_2CF_3$
HFC-55-10mcff	$CF_3CF_2CH_2CH_2CF_2CF_3$
HFE-125	CF_3OCHF_2
HFE-134	CF_2HOCF_2H
HFE-143a	CF_3OCH_3
HFE-152a	CH_3OCHF_2
HFE-227ea	$CF_3CHFOCF_3$
HFE-236ea2	$CF_3CHFOCHF_2$
HFE-236fa	$CF_3CH_2OCF_3$
HFE-245cb2	$CF_3CF_2OCH_3$
HFE-245fa1	$CHF_2CH_2OCF_3$
HFE-245fa2	$CHF_2OCH_2CF_3$
HFE-254cb2	$CHF_2CF_2OCH_3$
HFE-263fb2	$CF_3CH_2OCH_3$
HFE-329mcc2	$CF_3CF_2OCF_2CHF_2$
HFE-338mcf2	$CF_3CF_2OCH_2CF_3$
HFE-347mcc3	$CF_3CF_2CF_2OCH_3$
HFE-347mcf2	$CF_3CF_2OCH_2CHF_2$
HFE-356mec3	$CF_3CHFCF_2OCH_3$
HFE-356mff2	$CF_3CH_2OCH_2CF_3$
HFE-356pcc3	$CHF_2CF_2CF_2OCH_3$
HFE-356pcf2	$CHF_2CF_2OCH_2CHF_2$
HFE-356pcf3	$CHF_2CF_2CH_2OCHF_2$
HFE-365mcf3	$CF_3CF_2CH_2OCH_3$
HFE-374pc2	$CHF_2CF_2OCH_2CH_3$
HFE-7100	$C_4F_9OCH_3$
HFE-7200	$C_4F_9OC_2H_5$
HFOC-125	CF_3OCHF_2
HFOC-134	CF_2HOCF_2H
HFOC-143a	CF_3OCH_3
HFOC-152a	CH_3OCHF_2
HFOC-245fa	$CHF_2OCH_2CF_3$
HFOC-356mmf	$CF_3CH_2OCH_2CF_3$
HG-01	$CHF_2OCF_2CF_2OCHF_2$
HG-10	$CHF_2OCF_2OCHF_2$
H-Galden 1040x	$CHF_2OCF_2OC_2F_4OCHF_2$
HNO_3	nitric acid
HO_2	hydroperoxyl
HO_x	the sum of OH and HO_2
H_2O	water vapour
H_2SO_4	sulphuric acid
N_2	molecular nitrogen
NF_3	nitrogen trifluoride
NH_3	ammonia
NH_4^+	ammonium ion
NMHC	non-methane hydrocarbon
NO	nitric oxide
NO_2	nitrogen dioxide
NO_x	nitrogen oxides (the sum of NO and NO_2)
NO_3	nitrate radical
NO_3^-	nitrate ion
N_2O	nitrous oxide
O_2	molecular oxygen
O_3	ozone
OCS	organic carbonyl sulphide
OH	hydroxyl radical
PAN	peroxyacetyl nitrate
PFC	perfluorocarbon
SF_6	sulphur hexafluoride
SF_5CF_3	trifluoromethyl sulphur pentafluoride
SO_2	sulphur dioxide
SO_4^{2-}	sulphate ion
VOC	volatile organic compounds