Form RE-06 REQUIREMENTS: Stratospheric Ozone

STRATOSPHERIC OZONE PROTECTION
(40 CFR 82)

Title 40, Part 82 of the Code of Federal Regulations regulates ozone depleting substances including chlorofluorocarbons (CFCs). It requires a phase out of the production and sale of CFCs and several other chemicals. Controls are also mandated on various CFC-containing products.

Check the attached list of ozone depleting chemicals, Table F. If you **manufacture, sell, distribute or USE** any of the chemicals in Table F, then 40 CFR 82 applies to your facility. Read 40 CFR 82 to determine all of the requirements that apply to you facility.

Permit Application:

Certain equipment, such as air conditioning units, that do not (under normal operation) emit air contaminants, but do utilize any of the listed stratospheric ozone depleting chemicals, will have to be included in the application. However, units which do not normally emit any of these chemicals and which do not emit any other regulated air contaminant need not be described in Part 1 of the application. If any of these chemicals are manufactured or used and released in any process, that process (emission unit) must be included in Part 1 of the application.

In Part 2, section 2 of this application you are required to list ALL requirements established under 40 CFR 82 that are applicable to the facility. For emission units, such as air conditioners, which have no other regulated emissions, a summary of the applicable requirements under 40 CFR 82 must be submitted.

1) **After** reviewing Table F check one of the following:

- ☐ NO, my facility DOES NOT manufacture, sell, distribute or use any chemicals from the list, and 40 CFR 82 does not apply to my facility. Return to form **RE-00 REQUIREMENTS REVIEW**, question 8b and answer NO.
- ☐ YES, my facility DOES manufacture, sell, distribute or USE one or more of the chemicals from the list. Return to form **RE-00 REQUIREMENTS REVIEW**, question 8b and answer YES.

TABLE F
STRATOSPHERIC OZONE DEPLETING CHEMICALS

A. Class I

1. Group I	**Chemical**	**CAS Number**
	$CFCl_3$-Trichlorofluoromethane (CFC-11)	
	CF_2Cl_2-Dichlorodifluoromethane (CFC-12)	75-43-4
	$C_2F_3Cl_3$-Trichlorotrifluoroethane (CF-113)	76-13-1
	$C_2F_4Cl_2$-Dichlorotetrafluoroethane (CFC-114)	76-14-2
	C_2F_5Cl-Monochloropentafluoroethane(CFC-115)	
	All isomers of the above chemicals	
2. Group II:	**Chemical**	**CAS Number**
	CF_2ClBr-Bromochlorodifluoromethane (Halon-1211)	353-59-3
	CF_3Br-Bromotrifluoroethane (Halon - 1301)	598-73-2
	$C_2F_4Br_2$-Dibromotetrafluoroethane (Halon-2402)	124-73-2
	All isomers of the above chemicals	
3. Group III	**Chemical**	**CAS Number**
	CF_3Cl-Chlorotrifluoromethane (CFC-13)	75-72-9
	C_2FCl_5-(CFC-111)	
	$C_2F_2Cl_4$-(CFC-112)	
	C_3FCl_7-(CFC-211)	
	$C_3F_2Cl_6$-(CFC-212)	
	$C_3F_3Cl_5$-(CFC-213)	
	$C_3F_4Cl_4$-(CFC-214)	
	$C_3F_5Cl_3$-(CFC-215)	
	$C_3F_6Cl_2$-(CFC-216)	
	C_3F_7Cl-(CFC-217)	
	All isomers of the above chemicals	
4. Group IV:	**Chemical**	**CAS Number**
	CCl_4-Carbon tetrachloride	56-23-5
5. Group V:	**Chemical**	**CAS Number**
	$C_2H_3Cl_3$-1,1,1 trichloroethane (Methyl chloroform)	71-55-6
	All isomers of the above chemical except 1,1,2 trichloroethane	
6. Group VI.	**Chemical**	**CAS Number**
	CH_3Br-Bromomethane (Methyl Bromide)	74-83-9

7. Group VII. Chemical

$CHFBr_2$
CHF_2Br (HBFC-22B1)
CH_2FBr
C_2HFBr_4
$C_2HF_2Br_3$
$C_2HF_3Br_2$
C_2HF_4Br
$C_2H_2FBr_3$
$C_2H_2F_2Br_2$
$C_2H_2F_3Br$
$C_2H_3FBr_2$
$C_2H_3F_2Br$
C_2H_4FBr
C_3HFBr_6
$C_3HF_2Br_5$
$C_3HF_3Br_4$
$C_3HF_4Br_3$
$C_3HF_5Br_2$
C_3HF_6Br
$C_3H_2FBr_5$
$C_3H_2F_3Br_4$
$C_3H_2F_3Br_3$
$C_3H_2F_4Br_2$
$C_3H_2F_5Br$
$C_3H_3FBr_4$
$C_3H_3F_2Br_3$
$C_3H_3F_3Br_2$
$C_3H_3F_4Br$
$C_3H_4FBr_3$
$C_3H_4F_2Br_2$
$C_3H_4F_3Br$
$C_3H_5FBr_2$
$C_3H_5F_2Br$
C_3H_6FBr

8. Group VIII. Chemical

CH_2BrCl (Chlorobromomethane)

B. Class II

Chemical	CAS Number
$CHFCl_2$-Dichlorofluoromethane (HCFC-21)	75-43-4
CHF_2Cl-Chlorodifluoromethane (HCFC-22)	75-45-6
C_2HFCl-Chlorofluoromethane (HCFC-31)	
C_2HFCl_4-(HCFC-121)	
$C_2HF_2Cl_3$-(HCFC-122)	
C2HF3Cl2-2, 2-Dichloro-1, 1, 1-trifluoroethane (HCFC-123)	306-83-2
C2HF4Cl-1-Chloro-1, 1, 1, 2-tetrafluoroethane (HCFC-124)	2873-89-0
C2H2FCl3-(HCFC-131)	
C2H2F2Cl2-(HCFC-132)	
C2H2F3Cl-(HCFC-133)	
C2H3FCl2-1, 1-Dichloro-1-fluoroethane (HCFC-141b)	1717-00-6
C2H3F2Cl-1-Chloro-1, 1-difluoroethane (HCFC-142b)	75-68-3
C2H4FCl-Chlorofluoroethane (HCFC-151)	110587-14-9
C_3HFCl_4-(HCFC-221)	
$C_3HF_2Cl_5$-(HCFC-222)	
$C_3HF_3Cl_4$-(HCFC-223)	
$C_3HF_4Cl_3$-(HCFC-224)	
$C_3HF_5Cl_2$-(HCFC-225ca)	
$C_3HF_5Cl_2$- (HCFC-225cb)	
C_3HF_6Cl-(HCFC-226)	
$C_3H_2FCl_5$-(HCFC-231)	
$C_3H_2F_2Cl_4$-(HCFC-232)	
$C_3H_2F_3Cl_3$-(HCFC-233)	
$C_3H_2F_5Cl_2$-(HCFC-234)	
$C_3H_2F_5Cl$-(HCFC-235)	
$C_3H_3FCl_4$-(HCFC-241)	
$C_3H_3F_2Cl_3$-(HCFC-242)	
$C_3H_3F_3Cl_2$-(HCFC-243)	
$C_3H_3F_4Cl$-(HCFC-244)	
$C_3H_4FCl_3$-(HCFC-251)	
$C_3H_4F_2Cl_2$-(HCFC-252)	
$C_{37}H_4F_3Cl$-(HCFC-253)	
$C_3H_5FCl_2$-(HCFC-261)	
$C_3H_5F_2Cl$-(HCFC-262)	
C_3H_6FCl-(HCFC-271)	
All isomers of the above chemicals	