

### CAS Number Reference Sheet for FY 2010 DOE PPTRS Reporting of Fugitive Gas and Refrigerant Emissions

Fugitive Gas or Refrigerant:	CAS Number OR Refrigerant Composition	Fugitive Gas or Refrigerant:	CAS Number OR Refrigerant Composition	Fugitive Gas or Refrigerant:	CAS Number OR Refrigerant Composition	Fugitive Gas or Refrigerant:	CAS Number OR Refrigerant Composition
Carbon dioxide	124-38-9	PFC-3-1-10	355-25-9	R-404A	R-125/143a/134a	R-422B	R-125/134a/600a
Methane	74-82-8	PFC-4-1-12	678-26-2	R-405A	R-22/152a/142b/C318	R-422C	R-125/134a/600a
Nitrous oxide	10024-97-2	PFC-5-1-14	355-42-0	R-406A	R-22/600a/142b	R-422D	R-125/134a/600a
HFC-23	75-46-7	PFC-6-1-16	335-57-9	R-407A	R-32/125/134a	R-423A	R-134a/227ea
HFC-32	75-10-5	PFC-7-1-18	307-34-6	R-407B	R-32/125/134a	R-424A	R-125/134a/600a/600/601a
HFC-41	593-53-3	PFC-9-1-18	306-94-5	R-407C	R-32/125/134a	R-425A	R-32/134a/227ea
HFC-125	354-33-6	Perfluorocyclopropane	931-91-9	R-407D	R-32/125/134a	R-426A	R-125/134a/600/601a
HFC-134	359-35-3	Sulfur hexafluoride	2551-62-4	R-407E	R-32/125/134a	R-427A	R-32/125/143a/134a
HFC-134a	811-97-2	R-23	75-46-7	R-408A	R-125/143a/22	R-428A	R-125/143a/290/600a
HFC-143	430-66-0	R-32	75-10-5	R-409A	R-22/124/142b	R-429A	R-E170/152a/600a
HFC-143a	420-46-2	R-41	593-53-3	R-409B	R-22/124/142b	R-430A	R-152a/600a
HFC-152	624-72-6	R-125	354-33-6	R-410A	R-32/125	R-431A	R-290/152a
HFC-152a	75-37-6	R-134a	811-97-2	R-410B	R-32/125	R-434A	R-125/143a/134a/600a
HFC-161	353-36-6	R-143a	420-46-2	R-411A	R-1270/22/152a	R-435A	R-E170/152a
HFC-227ca	2252-84-8	R-152a	75-37-6	R-411B	R-1270/22/152a	R-437A	R-125/134a/600/601
HFC-227ea	431-89-0	R-227ea	431-89-0	R-412A	R-22/218/143a	R-438A	R-32/125/134a/600/601a
HFC-236ca	27070-61-7	R-236fa	690-39-1	R-413A	R-218/134a/600a	R-500	R-12/152a
HFC-236cb	677-56-5	R-245fa	460-73-1	R-414A	R-22/124/600a/142b	R-501	R-22/12
HFC-236ea	431-63-0	R-14	75-73-0	R-414B	R-22/124/600a/142b	R-502	R-22/115
HFC-236fa	690-39-1	R-116	76-16-4	R-415A	R-22/152a	R-503	R-23/13
HFC-245ca	679-86-7	R-218	76-19-7	R-415B	R-22/152a	R-504	R-32/115
HFC-245fa	460-73-1	R-C318	115-25-3	R-416A	R-134a/124/600	R-505	R-12/31
HFC-365mfc	406-58-6	R-401A	R-22/152a/124	R-417A	R-125/134a/600	R-506	R-31/114
HFC-c-447ef	15290-77-4	R-401B	R-22/152a/124	R-418A	R-290/22/152a	R-507	R-125/143a
HFC-43-10mee	138495-42-8	R-401C	R-22/152a/124	R-419A	R-125/134a/E170	R-507A	R-125/143a
PFC-14	75-73-0	R-402A	R-125/290/22	R-420A	R-134a/142b	R-508A	R-23/116
PFC-116	76-16-4	R-402B	R-125/290/22	R-421A	R-125/134a	R-508B	R-23/116
PFC-218	76-19-7	R-403A	R-290/22/218	R-421B	R-125/134a	R-509	R-22/218
PFC-318 or PFC-c318	115-25-3	R-403B	R-290/22/218	R-422A	R-125/134a/600a	R-509A	R-22/218