

## Attachment 2

### ENGINE FAMILY INFORMATION FILE

Sequence	Data Name	Type	Length	Range or Domain	Description
1	QTR	C	3	101 = Jan-Mar 2001 201 = Apr-Jun 2001 301 = Jul-Sep 2001 401 = Oct-Dec 2001	First Digit = Quarter number Second and Third Digits = Last two digits of the calendar year
2	EO	C	11	Example: U-W-XX-XXX	Executive Order number
3	ENGFAM	C	12	Example: 1XYZS.072ABC	12-digit engine family name used for certification
4	MFR	C	3	Example: XXX	3-character manufacturer code for the engine manufacturer. Use only if engine producing manufacturer is different.
5	MODELYR	N	4	Example: 2001	Model Year of engine family
6	MDLPWR	N	3.2	Example: 4.51	Maximum power from certification in kw
7	KWCLASS	N	1	1: <4.3 kw 2: >=4.3 kw	Estimated corporate average, or engine family average power classification
8	APPLIC	C	2	PW: Personal Watercraft OB: Outboard Engine	Specify if the engine is a personal watercraft type engine, or an outboard engine
9	CERTFUEL	C	3	IND= Indolene PH2= Phase 2 gasoline CNG=Compressed Natural Gas LPG= Liquefied Petroleum Gas C&L= CNG & LPG G&L=Phase 2 gasoline & Liquefied Petroleum Gas G&C=Phase 2 gasoline & Compressed Natural Gas OTH= Other	Fuel used during certification
10	STD_FEL	C	1	F = Family Emission Limit (FEL) S = Standard	Certified to Family Emission Level (FEL) or standard
11	CORP_AVE	C	1	Y= Is part of corporate average N=Is not part of corporate average	Identify engine families that are included in corporate averaging
12	CARRYOVER	C	1	Y=Yes or N=No	Is engine family a carryover?
13	HCNOXSTD	N	2.2	Example: 81.00	Applicable HCNOx standard or FEL
14	HCNOXAV	N	2.2	Example: 76.00	Corporate HC+NOX average specified at the time of certification
15	HCNOXDF	N	1.3	Example: 1.113	HC + NOX deterioration factor
16	DF TYPE	C	1	Ex: A or M	DF is additive or multiplicative
17	HCDF	N	1.3	Example: 1.113	HC deterioration factor
18	NOXDF	N	1.3	Example: 1.113	NOx deterioration factor
19	SELPROC	C	40	Example: used random number generator	Description of random selection process
20	REVFEL	C	1	Y = Yes or N = No	Indicates if FEL was revised by recertification.
21	REVFELDATE	D	10	Ex: January 22, 2001 = 2001/01/22 Format: yyyy/mm/dd	Date of the recertification in date format.