

Attachment 7
COMBINED QUARTERS ENGINE FAMILY FILE
(for 1% Quality Audit Testing)

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 digit = Last two digits of calendar year
2	ENGFAM	C	12	Example: 1XYZS.072ABC	12-digit name for engine family from certification
3	CMQTRS	N	1	Example: 2 Range: 2 to 8	Number of quarters combined to obtain at least 10 tests
4	CMCADIS	N	5	Example: 1235 Range: 0 to 99999	Sum of California production numbers for the quarters combined to get at least 10 tests.
5	CMPRDSZ	N	6	Example: 14122 Range: 0 to 999999	Sum of total production numbers for the quarters combined to get at least 10 tests.
6	CMSMPSZ	N	4	ex. 15 range: 0 to 9999	Sum of the number of engines tested for the quarters combined to get at least 10 tests
7	CMHCNXMN	N	3.2	ex. 8.12 rounded per ASTM-E-29-93a to number of significant digits in standard Range: 0.00 to 999.99	Cumulative HC + NOx mean for the quarters combined to get at least 10 tests with DFs applied, as applicable (g/hp-hr)
8	CMHCNXSD	N	2.2	ex. 3.14 Range: 0.00 to 99.99	Cumulative HC+NOx standard deviation for the quarters combined to get at least 10 tests (g/kW-hr) with DFs applied, as applicable