



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL VEHICLE AND FUEL EMISSIONS LABORATORY
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ANN ARBOR, MICHIGAN 48105-2498

OFFICE OF
AIR AND RADIATION

June 29, 2020

CD-2020-08 (HDV and HDE)

SUBJECT: Update of EPA Standardized Naming Conventions for Heavy-Duty Engine and Vehicle Engine Family and Power Train Family

Dear Manufacturer:

The purpose of this letter¹ is to update the consolidated family group naming conventions letter that was issued on June 26, 2017 ([CD-17-10](#)). Specifically, these changes are being made to support heavy-duty engine and vehicle certification. This update changes Industry Codes U, 0, and 4 to “Only for use for California ARB” and [Industry Sector Code 5](#) to “Heavy-Duty Highway Powertrain Family” (see Table 1).

This update also provides the naming convention for Specialty Vehicle Engines for [Industry Code E](#) (Heavy-Duty Highway Gasoline (otto-cycle/spark-ignition) Engines (>8500 pounds GVWR) and [Industry Code H](#) (Heavy-Duty Highway Diesel (compression-ignition) Engines (>8,500 pounds GVWR)). Please click on the hyperlinks to take you the family naming web page for each sector.

For information on naming conventions for all family types, please go to [EPA's Family Naming Convention](#) website.

If you have any questions, please contact your EPA certification team representative.

Sincerely,

A handwritten signature in black ink, appearing to read "Byron J. Bunker".

Byron J. Bunker, Director
Compliance Division
Office of Transportation and Air Quality

Enclosure

¹The contents of this document do not have the force and effect of law and are not meant to bind the public in any way. This document is intended only to provide clarity to the public regarding existing requirements under the law or agency policies.

Enclosure to CD-2020-08

Table 1: Family Name Position 5 - Industry Sector

Code	Description
A	California-Only Medium-Duty Vehicles
B	Large Nonroad Spark-Ignition Engines (>19 kiloWatts)
C	Highway Motorcycles
D	Complete Heavy-Duty Highway Vehicles (8,500 to 14,000 pounds GVWR; tested on chassis dynamometer)
E	Heavy-Duty Highway Gasoline (otto-cycle/spark ignition) Engines (>8500 pounds GVWR)
F	Heavy-Duty Evaporative Families
G	Locomotives (freshly manufactured)
H	Heavy-Duty Highway Diesel (compression ignition) Engines (>8,500 pounds GVWR)
I	(Reserved)
J	Light-Duty Vehicles and Light-Duty Trucks/Medium-Duty Passenger Vehicles
K	Locomotives (remanufacture system)
L	Nonroad Compression-Ignition Engines
M	Marine Spark-Ignition Engines
N	Marine Compression-Ignition Engines (including IMO)
O	(Reserved)
P	Permeation Families
Q	(Reserved)
R	Light-Duty Evaporative/Refueling Families
S	Small Nonroad Spark-Ignition Engines (<19 kiloWatts)
T	Light-Duty Trucks / Medium-Duty Passenger Vehicles
U	Only for use for California ARB - On-Highway Motorcycle and Off-Highway Recreational Vehicle Evaporative Families)
V	Light-Duty Vehicles
W	(Reserved)
X	Off-Highway Motorcycles / All-Terrain Vehicles / Utility Vehicles
Y	Snowmobiles
Z	(Reserved)
0	(Only for use for California ARB - Neighborhood Electric Vehicle Families)
1	(Reserved for California ARB)
2	Heavy-Duty Highway Tractors and Vocational Vehicles
3	Heavy-Duty Highway Trailers
4	(Only for use for California ARB - Zero Emissions Powertrain Families)
5	Heavy-Duty Highway Powertrain Family
6	(Reserved)
7	(Reserved)
8	(Reserved)
9	(Reserved)