§ 610.17 Application format.

(a) Device manufacturers who apply for evaluation of a fuel economy retrofit device should use the standard application format, in order to allow the Administrator to compile relevant data on specific devices and to allow timely response to applications. Application formats are available from and submissions shall be made to:

Director, Emission Control Technology Division, Environmental Protection Agency, 2960 Plymouth Road, Ann Arbor, Michigan


(b) Four weeks should be allowed for analysis of the application and preparation of a response. As indicated in other sections of this part, this response will include the evaluation of the device according to the criteria discussed in subpart B of this part. The results of the Administrator’s evaluation will be made public.

Subpart B—Evaluation Criteria for the Preliminary Analysis

§ 610.20 General.

The Administrator will employ the following criteria for evaluating the accuracy of fuel economy representations made with respect to retrofit devices:

(a) Device functional category;
(b) Device integrity;
(c) Operator interaction effects;
(d) Validity of test data;
(e) Evaluation of test data;

as these concepts are explained in §§ 610.21 through 610.25 respectively.

§ 610.21 Device functional category and vehicle system effects.

(a) The devices evaluated in this program are organized into categories for purposes of definition and establishment of evaluation criteria and test procedures, and to indicate which vehicle functional characteristics (other than fuel economy) may be adversely affected by installation or use of the device.

(b) A device’s category will be based on:
(1) Engineering principles governing operation of the device;
(2) Interaction between the device and specific vehicle/engine operating characteristics; and
(3) Constraints with respect to vehicle applicability of the device.

(c) The device categories and the vehicle functional characteristics which may be adversely affected are noted for each device category in Table I. The notation for each characteristic is as follows:

Exhaust emissions ........................................... 1
Driveability ................................................... 2
Durability ..................................................... 3