

Emissions Durability Implementation Update

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U.S. Environmental Protection Agency

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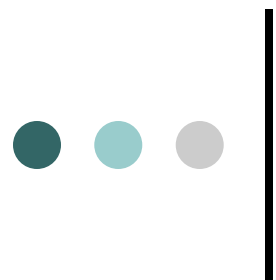
OVERVIEW

- Durability Guidance Letter
- New Durability Webpage
- Carry-Over of Durability Procedures
- Preparation for Equivalency Factor
Distribution: Proposed Fields and Format



Durability Guidance Letter

- Letter #CISD-07-05 (April 6, 2007)
- Discussed regulatory language, equivalency factor calculations and equation format, new webpage (see next slide)
- Please contact us if you do not receive a copy or have questions/concerns.



New Durability Webpage

- Referenced in Durability Guidance Letter
- Not available at this time
 - Development complete; under editorial review
- Should be available in approx. a week
- Web address :

www.epa.gov/otaq/regs/lc-hwy/durability



Carry-over of Durability Procedures

- CAP 2000 durability demonstrations and approvals no longer valid
- Previous data for durability demonstration can be carried-over/used for demonstrations and approvals under the new durability regulations
- For MY2009 and beyond, durability approval process should be less burdensome unless:
 - Changes are made to the durability process
 - In-use issues that call into question an existing durability process
 - Other EPA concerns



Equivalency Factor Distribution: Proposed Fields and Format

- Semi-annual posting of equivalency factors on Durability webpage each model year
 - 1st posting: Following submittal of Part 2 certification application
 - January 1st of the model year or 90 days from effective date of certificate
 - 2nd posting: end of the model year (July/August timeframe)
- Coordination with industry prior to posting



Equivalency Factor Distribution: Proposed Fields and Format (cont.)

Proposed Fields

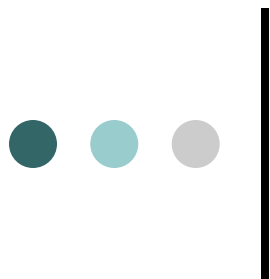
- Manufacturer Name
- Make and Model Name
- Engine Displacement and Type
- Test Group
- Durability Group
- Certified Emission Level
- Applicable Useful Life
- Equivalency Factor
- Reciprocal of Equivalency Factor or “Stringency” Factor



Equivalency Factor Distribution: Proposed Fields and Format (cont.)

- Proposed Format for Equivalency Factor Distribution

Manufacturer	Make	Model	Engine Disp. and Type	Test Group	Durability Group	Emission Standard	Full Useful Life (FUL) mileage	Equivalency Factor (EF)	Reciprocal EF ("Stringency " Factor)
Crown Vehicles	Mitcham	Lunara	7.6 or 8.0L V-14	8CRWT07.6ALM 8CRWT08.0ALM	8ALMLSSJLW07	Tier 2 Bin 5	120,000	0.77	1.3
Domo Motors	Zekis	Rumbler	3.6L I-8	8DMXG03.63DH	8TMLLEPAAA1	Tier 2 Bin 3	150,000	0.89	1.12
Smoker Cars	Smoker	Burner	5.0L V-8 Turbo	8SMKR05.04JA	8KIKBUTTFUN21	Tier 2 Bin 15	120,000	0.43	2.3



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