

**On-Road and Off-Road
Heavy-Duty Diesel Engine
E-Cert
Data Requirement Workshop**

November 6, 2008

Workshop Agenda

1. Overview
2. Data Requirements
3. Timeline
4. Q&A Session

Overview:

ARB's Electronic Certification Goals

- Standardize electronic certification system for all ARB certification categories
- Reduce paperwork
- Improve certification process
- Reduce application processing time

ARB's Electronic Certification Objectives

An electronic certification system should:

1. Enable staff to more easily access and review applications
2. Enable manufacturers to confirm when certification applications are submitted
3. Enable manufacturers to track application progress

E-Cert vs. DMS

- Two parts to a certification application:
 1. Document Management System (DMS) = documents and files.
 2. Electronic Certification (E-Cert) = database for application data.
- $\text{DMS} + \text{E-Cert} = \text{complete application}$

DMS – 2011MY+

- Filing and storage system for documents.
- Examples of DMS documents:
 - Durability test plans and supporting data
 - Modified and/or special emissions test procedures
 - Warranty statements
 - Labels
 - AECD descriptions and justifications
 - Etc., etc., etc.

E-Cert – 2011MY+

- E-Cert = Database
- Replaces old data summary sheets (current EPA's CEFELS printouts).
- Examples of data and information:
 - Basic Engine Family and ECS design
 - Vehicle model description
 - Durability and certification emission data
 - Running changes

How Will Certification Work for all 2011 Model Year Engines?

- Manufacturer submits documents and files to DMS.
- Manufacturer submits application data to the E-cert database.
- Staff reviews both DMS documents and E-Cert database.
- Both sets of information are needed for EO issuance.
- If DMS and E-Cert reviews = OK, then staff will issue EO from E-Cert.

How to Register with DMS & E-Cert?

- Existing DMS users already have E-Cert accounts
– new password will be sent.
- New users must register to use DMS/E-Cert system.
- Manufacturers may have multiple user accounts.

Data Requirements

- Data acquisition by 12 CSIs (Certification Summary Information)
- CSIs cover EPA's FileMaker Pro plus ARB requirements

Transition Period for 2011 MY

- Original application in File Maker Pro format submitted before August 2010
 - Application can be submitted into DMS
 - Subsequent submittals of the same engine family continue to use File Maker Pro

Transition Period for 2011 MY

- All certification applications after August 2010
 - Applications must be submitted to E-Cert
 - Carryover engine families must be submitted to E-Cert
 - Initial and all supplemental submittals must be complete dataset
 - Corrections, running changes, field fixes, carryovers, etc.

Timeline:

- Data requirement Workshop Nov-06-2008
- Initial HDD-Schema available May 2009
- HDD E-Cert submittal workshop January 2010
- XML Submission Testing Begins January 2010
- HDD E-Cert mfr to system test June 2010
- HDD E-Cert rollout August 2010

Question & Answers

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