ARB’s Electronic Certification System

2008 EMA Certification Workshop
April 15, 2008
ARB’s Document Management System (DMS)

AGENDA

- What has changed?
- What is next?
  - Manufacturers
  - ARB
DMS - What has changed?

- Faster DMS access

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS Users</td>
<td>749</td>
<td>1,100</td>
</tr>
<tr>
<td>Directories</td>
<td>534</td>
<td>615</td>
</tr>
<tr>
<td>Documents</td>
<td>7,199</td>
<td>21,296</td>
</tr>
</tbody>
</table>
DMS

Rename workflow

OpenEDMS 3.8

Rename Workflow Process

Rename - 2008_SIME_MXXX_LAB

Name: 2008_SIME_MXXX_WAR

Update Reset Close

Open EDMS

Search Documents by All

Name: 2008_SIME_MXXX_WAR

Update Reset

Documents Workflows Mail Box News Board Calendar

Pending Process Finished Process Submit New Documents

Start Date From Reset

End Date From Reset

Process: SIME

Internet

Process Workflow User Name Login ID Start Date

2008_SIME_MXXX_LAB SME--Approval of Certification Support Documents (ver 43.0) Mfr XXX mfrxxx Apr 3, 2008

SIME DFP Test -ig Test SME--Approval of Certification Support Docs (ver 2.0) Mfr XXX mfrxxx May 8, 2007

SIME_2007 XXXX_LAB Test SME--Approval of Certification Support Docs (ver 1.0) Mfr XXX mfrxxx Sep 18, 2006

Mfr XXX @ ARB_OFF_ROAD
DMS

Document Status

- Reduced status values
- System enforce final status change
- Perform timely status change
DMS

Metadata Entry

1. Set default document type in the folder properties and provide metadata

2. Modify document metadata where needed
DMS

Metadata entry

- Metadata is not required for new document versions that use the same name

- Metadata cannot be obtained from directory structure or file name
DMS – What is next?

Manufacturers

- Upload documents in correct folder
- Follow naming convention
- Select correct document type
- Provide Metadata & use ARB mfr. code
- Submit documents to work-flow
- Optional, use the carry-over procedure
DMS -- What is next?

ARB Staff

- Maintain document status current
- Testing new version
- Preparing DMS guideline
- DMS Training
- Carry-Over
DMS -- What is next?

**Expedited Processing of Carry-Over EFs**

- Requirements to Qualify as Carry-Over
- Carry-Over Applications
- Submit Carry-Over Application Ahead of Peak Season
- Follow DMS File and Process Name Identification Format
E-Cert

On-Road and Off-Road Diesels

Electronic Certification

- **DMS** = Documents only (e.g., word, graphics)
- **E-Cert** = Database (in lieu of FileMaker Pro)
- **DMS + E-Cert** = complete application
E-Cert

What is E-Cert?

- Electronic database
- Engine family data
- Similar to current FileMaker Pro
- MFR to submit data electronically via XML schema.
- Currently in development - On-Road HDDE and Off-Road CI
E-Cert

Tentative Schedule

- Workshop in January 2009
- Voluntary E-Cert test: May 2009
- Database ready October 2009??
- MY2010=E-Cert optional
- MY2011=E-Cert required
E-Cert

Support for Manufacturers’ Transition to Electronic Submission

- Coordinate schedule
- XML File Schema
- Parallel systems during phase-in
- Microsoft InfoPath form for data entry
- Staff available for training and questions