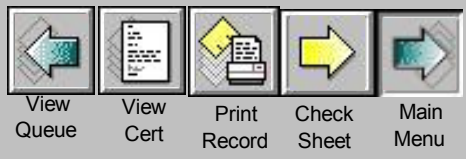


Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #



Database

Family Info



Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

1. EPA Fee paid?: Yes No

2. EPA Fee paid date:

3. Certification Class:

4. Process Code:

5. Carry over:

If yes, list the previous family:

6. Send the certificate to:

14. Liters per cylinder, HP rating, and Category:

< 0.9 liters/cylinder, 37 kw or greater (Category 1)

>= 0.9 --> <1.2, all ratings (Category 1)

>= 1.2 --> <2.5, all ratings (Category 1)

>= 2.5 --> <5.0, all ratings (Category 1)

>= 5.0 --> <15.0, all ratings (Category 2)

>= 15.0 --> <20.0, rating <3300 kw (Category 2)

>= 15.0 --> <20.0, rating >= 3300 kw (Category 2)

>= 20.0 --> <25.0, all ratings (Category 2)

>= 25.0 --> <30.0, all ratings (Category 2)

>= 30.0 (Category 3)

Name Change of Address

Title Official Cert. Rep?

Company

Address

Phone

Fax

Email

15. Method Of Aspiration:

16. Usage Of Engine:

17. Projected Sales: outside CA
 inside CA
 Total

18. Estimated Production Period: Start End

7. Manuf Family Name:

8. Engine Cycle:

9. Number of Cylinders:

10. Cylinder Configuration:

11. Emission Cont. system 1.

2.

3.

12. Fuel Type:

13. Fuel System Type:

19. Plant contact name:

20. Plant Location:
Name and street address: Country:

21. Averaging, Banking, and Trading: Yes No

Averaging Banking, and Trading? Yes No

FEL's: [FELs must be in g/kW-hr]

THC+NOx

PM

This engine family complies with the following NTE :

NTE explanation, if necessary

- 1.2 X STD
- 1.5 X STD
- 1.25 X STD
- Other
- N/A

23. Confidential Business Information (CBI):

CBI Until Introduction into Commerce <div style="border: 1px solid gray; height: 15px; width: 100%; margin-top: 5px;"></div>	CBI Indefinitely
<u>Family Information</u>	

24. General Comments:

Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #



View
Queue

Database

Test Info

Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

This record may contain CBI information

1. Test Data Set:

2. Engine Code:

3. Engine Model:

4. Number of Cylinders:

5. Displacement per cylinder:

6. Engine I.D. Number:

7. Rated Power(kW) @ Rated RPM: @

8. Torque (NM) @ Intermediate Engine RPM: @

9. Certification Fuel:

10. Location of Testing:

11. Test cycle:
If Special or Alternate, give discription:

12. Useful life period:
Useful life explanation, if necessary

13. Official Test Results

All results must be in g/kW-hr

Date:	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Test 1	Test 2	Test 3
Total Hydrocarbon	<input type="text"/>	<input type="text"/>	<input type="text"/>
NOx	<input type="text"/>	<input type="text"/>	<input type="text"/>
PARTICULATE	<input type="text"/>	<input type="text"/>	<input type="text"/>
CARBON MONOXIDE	<input type="text"/>	<input type="text"/>	<input type="text"/>

14. Deterioration Factors, if applicable

15. Certification Levels (Deteriorated Test Results)

All results must be in g/kW-hr

Fill in the appropriate standard or NOx limit

STDs

FELs

NOx only Tier 1 or IMO	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total Hydrocarbon + NOx	<input type="text"/>	<input type="text"/>	<input type="text"/>
PARTICULATE	<input type="text"/>	<input type="text"/>	<input type="text"/>
CARBON MONOXIDE	<input type="text"/>	<input type="text"/>	<input type="text"/>

16. NOx Reducing Device?: Yes No

IMO only

17. Is the Parent Engine base on highest NOx?: Yes No

IMO only

If NO, specify criteria for selection of Parent Engine:

18. CBI:

[Test](#)
[Info.](#)

CBI Until	CBI Indefinitely

10. CBI:

CBI Until Introduction into Commerce	CBI Indefinitely
<input type="text"/>	
Model Information	
<input type="text"/>	<input type="text"/>

Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #



View
Queue

Database

Tech.Desc.

Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

This record may contain CBI information

1. Adjustable Parameters:

Parameter(s)	Adjustable Range (or NA)	Tamper Resistance Method (or NA)

2. Auxillary Emission Control Device (AECD), if applicable:

	AECD Name	Does the AECD reduce the effectiveness of the emission control system?
		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

3. Engine Sensor Information and Software Control, if applicable:

AECD(s) Used

Sensed Parameter

Outputs controlled by that input:

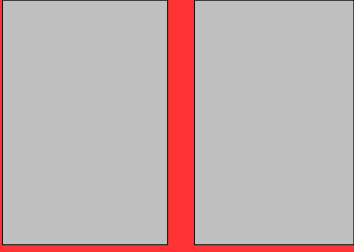
AECD(s) Used	Sensed Parameter	Outputs controlled by that input:				

4. Technical Description:

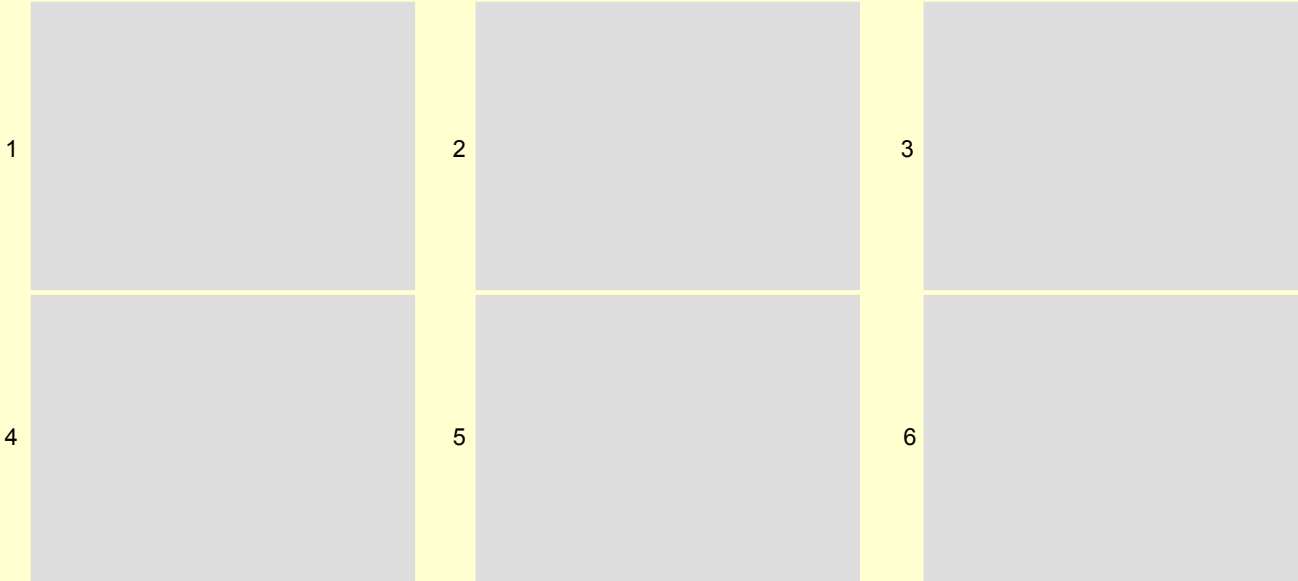
- Basic e
- Fuel sy
- Igniti
- Intake
- Emissi
- Auxilla
- exhaus

5. Confidential Business Information:

CBI Until	CBI Indefinitely
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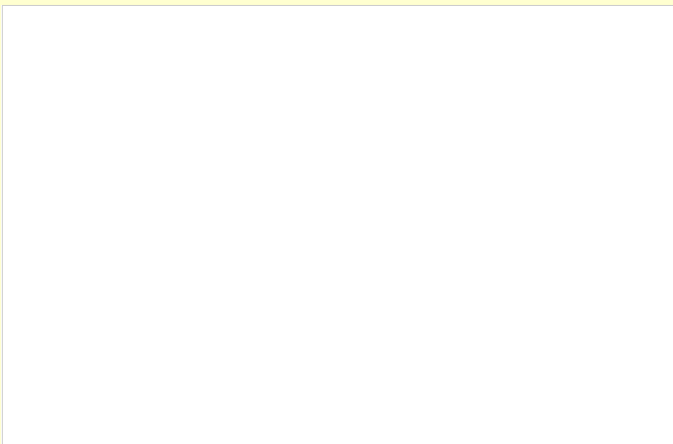


6. Injection Timing Maps - Insert copies in container field (Right-click, Insert Object, then navigate to the file)

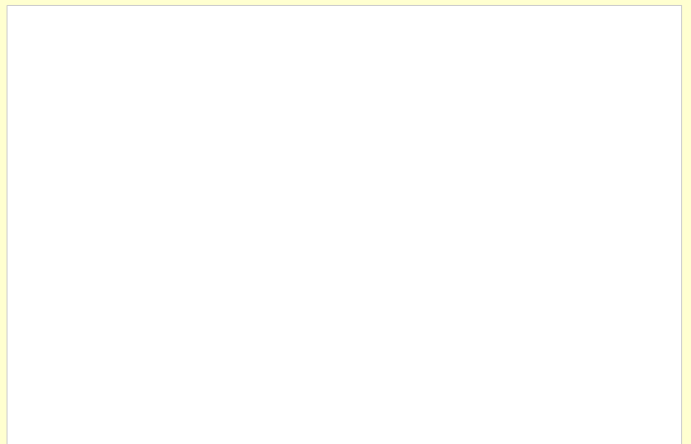


7. Diagrams/Nox technical file (IMO), pdf files, etc. - Insert copies in container field (Right-click, Insert Object, then navigate to the file)

1. Diagrams/ Drawings/Schematics:



2. Diagrams/ Drawings/Schematics:



3. Diagrams/ Drawings/Schematics:

4. Diagrams/ Drawings/Schematics:

Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #

Database

IMO Info.

Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

This record may contain CBI information

Particulars of the engine

1. Name & Address of the manufacturer:

5. Date of pre-certification survey:

2. Place of engine build:

6. Technical file identification number:

3. Date of engine build:

7. On-board NOx verification procedures identification number:

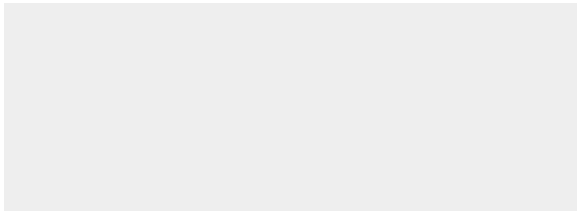
4. Place of pre-certification survey:

8. Models covered by the parent engine:

9. Confidential Business Information:

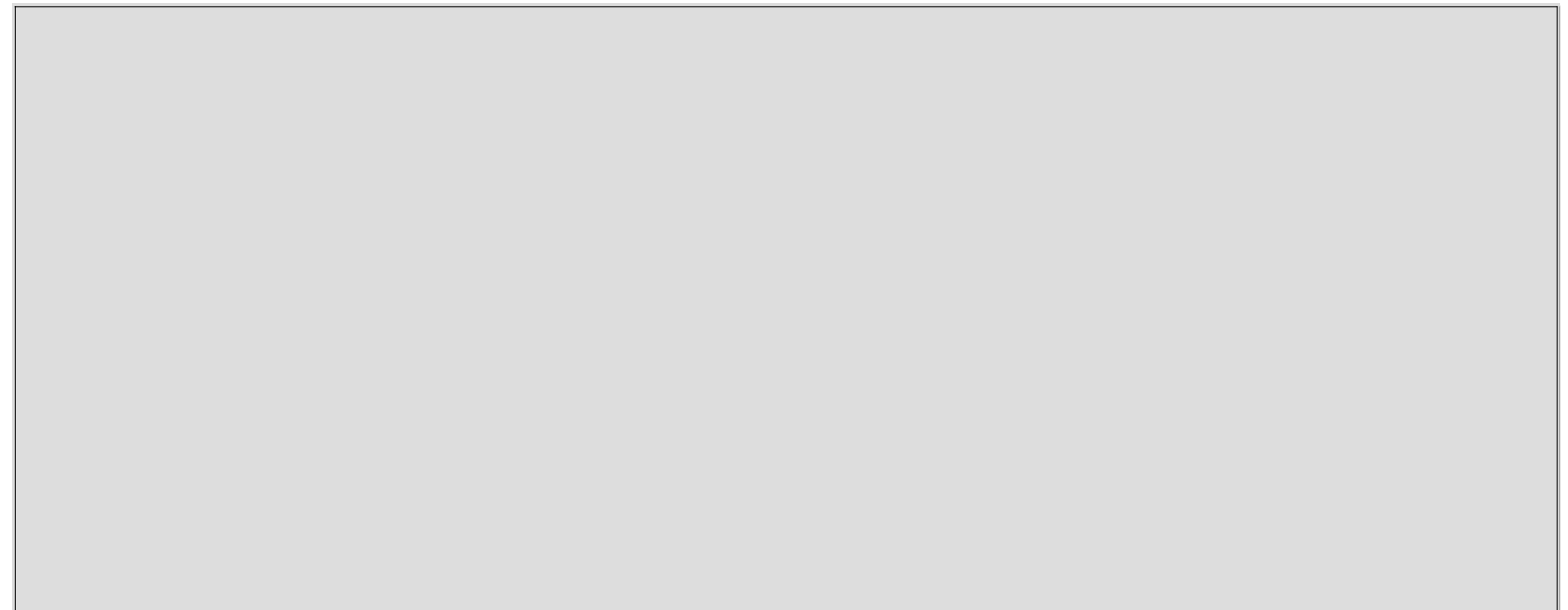
CBI Until Introduction into Commerce	CBI Indefinitely
<input type="text"/>	
<u>IMO Information</u>	
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Statement of Compliance



**Certification Team Leader
Engine Compliance Programs Group
U.S. Environmental Protection Agency
Mail Code: 6403-J
Washington, DC 20460**

Dear Certification Team Leader:



Sincerely,

