

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:

Name		☐ Change of Address
Title		☐ Official Cert. Rep?
Company		
Address		
Phone		
Fax		
Email		

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)

15. Method Of Aspiration:

16. Usage Of Engine:

17. Projected Sales: outside CA
 inside CA
 Total

18. Estimated Production Period: Start End

19. Plant contact name:

20. Plant Location:

Name and street address:

Country:

21. Averaging, Banking, and Trading:

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 	CBI Indefinitely
<u>Family Information</u>	

24. General Comments:

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View
Queue

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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:	Test 1	Test 2	Test 3
Total Hydrocarbon			
NOx			
PARTICULATE			
CARBON MONOXIDE			

14. Deterioration Factors, if applicable

15. Certification Levels (Deteriorated Test Results)

STDs

FELs

All results must be in g/kW-hr

Fill in the appropriate standard or NOx limit

NOx only Tier 1 or IMO		
Total Hydrocarbon + NOx		
PARTICULATE		
CARBON MONOXIDE		

☐ Yes ☐ No

IMO only

☐ Yes ☐ No

IMO only

☐ Yes ☐ No[illegible]

CBI Until	CBI Indefinitely

Test
Info.

10. CBI:

CBI Until Introduction into Commerce	CBI Indefinitely
<u>Model Information</u>	

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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:

Does the AECD reduce the effectiveness of the emission control system?

AECD Name	
	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

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

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

4. Technical Description:

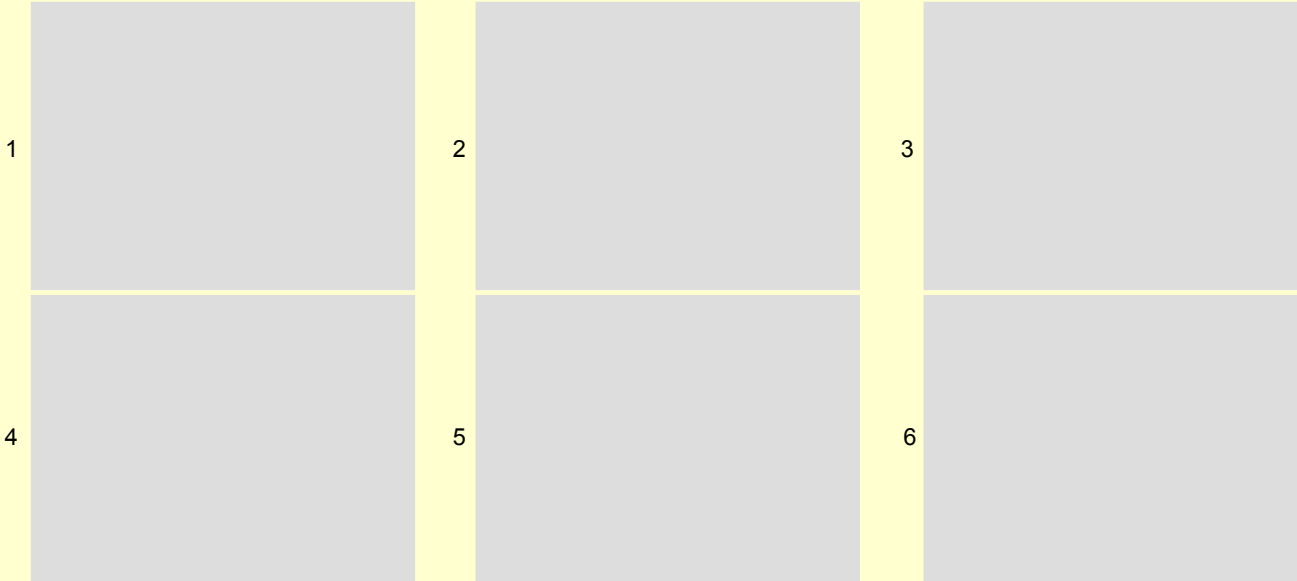
- Basic e
- Fuel sy
- Ignitio
- Intake
- Emissi
- Auxilla
- exhaus

5. Confidential Business Information:

CBI Until

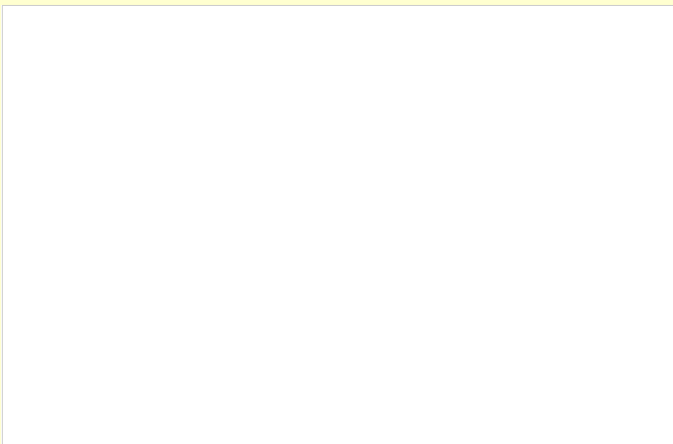
CBI Indefinitely

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

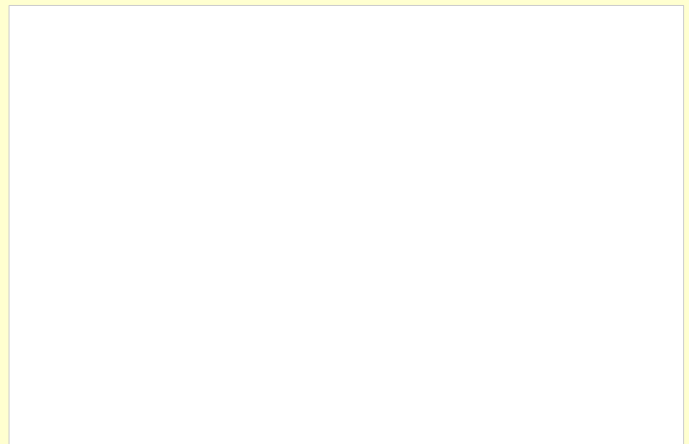


7. Diagrams/Nox technical file (IMO), pdf files, etc. - Insert copies in container field (Right-click, Insert Object, then navigate to the file)

1. Diagrams/ Drawings/Schematics:



2. Diagrams/ Drawings/Schematics:



3. Diagrams/ Drawings/Schematics:

4. Diagrams/ Drawings/Schematics:

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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:

2. Place of engine build:

3. Date of engine build:

4. Place of pre-certification survey:

5. Date of pre-certification survey:

6. Technical file identification number:

7. On-board NOx verification procedures identification number:

8. Models covered by the parent engine:

9. Confidential Business Information:

CBI Until Introduction into Commerce	CBI Indefinitely
<u>IMO Information</u>	

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,