

Merchant Marine Academy of Macedonia
School of Engineers
Course: Maritime English
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NAME:
A.Γ.Μ:
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Final Exam

(Για μεταφορείς που παρακολούθησαν το μάθημα μέχρι και το ακαδ. έτος 2012-13)

A. Fill in the gaps with a word/phrase of your own choice. (20 points)

- Apply a thin layer of _____ on the contact surface of the liner.
- The screws are too _____ here. You need to loosen them.
- A mixture of incompatible _____ in the tanks can result in rather large amounts of sludge being taken out by the _____.
- Clean the _____ liner and scavenge air ports.
- Corrosive _____ may be the result of the formation of sulphuric acid on the cylinder wall.
- In order to reduce the risk of _____, use alkaline cylinder oils to neutralise the _____ that may be formed.
- The ability to _____ water from the oil depends largely on the specific _____ of the fuel oil in relation to that of water.

B. Fill in the gaps using the words below. (15 points)

rate hours water ridges repairs tackles quality marks check

surface conditions frequency lubricating schedules inspect

- When you want to _____ the cylinder liner you should first dismount the cylinder cover, the piston cleaning ring and the piston.
- The checking and maintenance _____ indicate the intervals at which it is appropriate to _____ the components of the engine and to carry out _____.
- The recommended _____ of service should only be used as a guide, as differences in the actual service _____, the _____ of the fuel oil or lubricating oil, the treatment of cooling _____, etc. will influence the service results, and the _____ of overhauls.
- Carefully scratch over any _____ on the liner and grind away the wear _____.
- When the ring is in good condition you can still see the machining marks on its _____.
- The centrifuge must operate with the proper flow _____.
- Clean any blocked _____ ducts.
- Lower the cooling jacket by means of the _____ and land it on the wooden planks.

C. Fill in the gaps using the words below. (15 points)

barge measures regulations limits carbon temperature deflections

valve inspected hoses bunkering wear fuel position refinery

- When you take _____, punch marks are present to show the correct _____ for the measuring tool.
- If the crankshaft deflection approaches the tolerance _____, the bearing shells of the two adjacent main bearings must be dismantled and _____.
- The centrifuge should always be operated with an inlet _____ of 98 C.
- On completion of loading, all _____ and lines should be drained to the tank or to the _____.

--All _____ operations should be carefully planned and executed according to the MARPOL _____.

--During the delivery of _____, you should take _____ against spills.

--Vanadium combined with sodium may lead to exhaust _____ corrosion and turbocharger _____.

--The fuels which go through extensive _____ processing are left with high _____ content.

D. Fill in the gaps with a suitable form of the words in parentheses. (10 points)

-- Maintain the proper temperature to avoid the _____ of the steam. **(condense)**

-- Fuels often contain _____ to be of better quality. **(add)**

-- Marine fuel oils should be thoroughly cleaned to remove solid and liquid _____ **(contaminate)** before use.

-- The fuel oil system consists of a cleaning plant and a _____ **(pressure)** fuel oil system.

--You should always pay _____ to the manufacturer's recommendations. **(attend)**

--The periodical survey _____ **(require)** of the _____ **(classify)** society may require additional checks and overhauls to be carried out.

-- _____ **(verify)** of gauging system operation and _____ **(accurate)** should be considered during bunkering procedures.

--They checked the _____ of the crankshaft. **(align)**

E. Match the words in column A to their synonyms in column B, and write the pairs below. (7.5 points)

A	B
location	micro-seizure
appropriate	soft
reduction	prove that something is true
smooth	deviation
excessive	holes
assess	place
bores	decrease
scuffing	proper
deflection	evaluate
verify	too much

F. Match the words in column A to their opposites in column B, and write the pairs below. (7.5 points)

A	B
deteriorate	careless
internal	theoretical
sufficient	incapable
reduce	thick
able	insignificant
actual	external
thin	increase
important	tighten
loosen	inadequate
careful	improve

G. Choose one of the three topics and write a paragraph of about 120 words (25 points)

- a) Discuss possible causes of excessive fuel consumption and how this problem can be fixed.
- b) Discuss what you should do to minimize the risk of spillages and leakages during bunkering.
- c) Discuss why, when and how you take crankshaft deflections.