



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Marine Construction Plant Operator (Book-hook) Trade Test Mock Written Test Paper

此文件關於海面建造機械操作工（吊臂 - 鈎吊）技能測試考題。如有需要索取此文件的中文版本，請致電 2100 9000 與香港建造業工藝測試中心聯絡。

Disclaimer

No part of this material may be reproduced or transmitted in any form or any means without the written permission of the CIC. Whilst reasonable efforts have been made to ensure the accuracy of the information contained in this material, the CIC nevertheless would encourage readers to seek appropriate independent advice from their professional advisers where possible and readers should not treat or rely on this material as a substitute for such professional advice for taking any relevant actions.

Enquiries

Enquiries on this Material may be made to the Hong Kong Construction Industry Trade Testing Centre at:

95, Yue Kwong Road
Aberdeen
Hong Kong

Tel: (852) 2100 9000
Fax: (852) 2100 9090
Email: enquiry@cic.hk
Website: www.cic.hk

© 2021 Construction Industry Council.

1. Besides lifting operation techniques and general knowledge of lifting safety, Marine Construction Plant Operator should also follow the conventional regulations of a construction site and the safety guidance notes under which ordinance?
 - a. Factories and Industrial Undertakings (Gas Welding and Flame Cutting) Regulation
 - b. Factories and Industrial Undertakings (Gas Welding and Flame Cutting) Regulation
 - c. Hong Kong Shipping Ordinances
 - d. Certificate of Manual Lifting

2. Which of the following Factories and Industrial Undertakings regulations is applicable to Marine Construction Plant Operators?
 - a. Cargo and Container Handling
 - b. Food Handling
 - c. Employee Breaks Handling
 - d. Lifting Appliances and Lifting Gears

3. Which document is needed for proving that the derrick/boom/sling is safe for use?
 - a. The manufacturer's certificate
 - b. No proof is needed
 - c. The test certificate and thorough examination delivered in the approved form by a competent examiner
 - d. The certificate issued by a safety officer

4. Which of the following equipment is the best in facilitating communication during the operation of a windlass?
 - a. Intercom
 - b. Signals
 - c. All of the above
 - d. None of the above

5. Which of the following tests on the derrick should be carried out before the lifting operation to fulfil the work requirements?
 - a. Simulation
 - b. Hoisting
 - c. The lifting of derricks
 - d. The swing of the load

6. For the renewal application of barge boat license, which of the following documents on the lifting equipment components issued by a registered engineer should first be obtained?
 - a. Certificate of merchandise
 - b. Test certificate
 - c. Installation drawings
 - d. None of the above

7. Test certificates on components such as lifting machines, derrick and slings should be issued by
 - a. A registered engineer
 - b. A safety officer
 - c. An authorized person
 - d. An operator

8. Regular inspections on other lifting gears on the barge boat, such as wire ropes, shackles, and lifting hooks should be carried out by
 - a. An operator
 - b. A safety officer
 - c. A work supervisor
 - d. An authorized person

9. How should one identify quality lifting chains?
 - a. Buy lifting chains marked with the letter "B"
 - b. Buy lifting chains marked with the letter "D"
 - c. Buy lifting chains marked with the letter "A"
 - d. Buy lifting chains marked with the letter "C"

10. What is the English abbreviation of Safe Working Load?
 - a. SVL
 - b. SWL
 - c. SWU
 - d. SLW

11. Which of the following method should not be adopted for the shortening of chains during lifting operations?
 - a. Winding the chains around the load
 - b. Tying knots
 - c. Replacing the chains with shorter ones
 - d. All of the above methods could be adopted

12. Unless specially designed, what does all lifting hook need to be equipped with?
 - a. Screw
 - b. Rivet
 - c. Screw cap
 - d. Spring lock

13. When performing lifting operation, no more than how many cables should be used to pass through all shackles?
 - a. One
 - b. Two
 - c. Three
 - d. Four

14. Do not try to pull the _____.
 - a. Grab
 - b. Pulley
 - c. Pontoon boat
 - d. Derrick/crane

15. Which of the following is the best type of container for lifting individual goods?
 - a. Paper box
 - b. Iron box
 - c. Cardboard
 - d. Wooden box

16. What equipment does the pontoon boat use to operate in the fixed location?
- a. Generator
 - b. Windlass
 - c. Internal combustion engine
 - d. GPS
17. As the law requires, what does it require to use cables and shackles?
- a. Valid certificate of inspection
 - b. Manufacturing date
 - c. Name of manufacturer
 - d. Paints
18. When connecting the wires, if the hammer is too heavy, which part of your body would be weak from tiredness and the hammer slips off the hand as a result?
- a. The eyes
 - b. The scapula
 - c. The arms
 - d. The thighs
19. What will an incorrect lifting process easily lead to?
- a. Traffic congestion
 - b. Misplacement
 - c. Shorter work hours
 - d. Serious casualties
20. On a barge, what connecting the rest room and work place should remain accessible?
- a. Cabin
 - b. Storage compartment
 - c. Stern
 - d. Walkways

- End of Paper -