

13 FHSC

FIXED HYDRAULIC SHIP CRANE (G20) OPERATOR COURSE



*The future of
world class
seafarers*

This course is designed for Crane Operators. It essentially covers lessons and practical instructions on the requirements, construction, safety aspects, and operation of fixed hydraulic ship crane. Generally, it shall enable participants to obtain good knowledge and understand the underlying principles and practices concerning construction and operation of the crane.

COURSE AIMS / OBJECTIVES: Upon completion of the course, participants should be able to:

- Describe different types of accidents /incidents; identify the causes of those faults and the preventive steps necessary to avoid such faults.
- Explain how the most common fixed hydraulic cranes are constructed; be able to use them as described in the maker's operation manual; and understand which load they are constructed to handle.
- Describe safety regulations for operation of crane, and explain which preventive steps are needed to protect themselves, the material and other matters to avoid accidents/incidents.
- Execute daily, periodical and preventive maintenance on the crane.
- Describe which forces/loads are involved / acting on the crane, and how to prevent overloads / breakdown on the crane.
- Explain why cranes have to be certified, how certification is done, and how to check that required certificates is existing prior to commencement of using the crane.
- Describe how to perform required maintenance on the hydraulic system in order to avoid damage and excessive tear and wear.
- Give correct hand signals and properly use radio communication equipment.

COVERAGE / PROGRAM FOCUS: The course deals with the following subject & training areas:

- Requirements
- Construction of Cranes
- Safety Regulations & Preventive Measures
- Electrical Systems & Components
- Hydraulic and Mechanical Systems and Operational Principles
- Certification
- Maintenance

METHOD: Classroom lecture for theoretical lessons and guided hands-on practice & simulator exercises for practical instruction.

ENTRY REQUIREMENT / TARGET GROUP: Those intending to take this course should possess the following:

- Must have completed rigging/slinging course equivalent to the requirements as described in standard F-2702.
- Must satisfy health and eye sight requirements according to relevant regulations for crane operators.

COURSE CERTIFICATE: A Certificate of Completion or Document of Evidence is given to each participant who satisfactorily fulfills the Course.

DURATION:

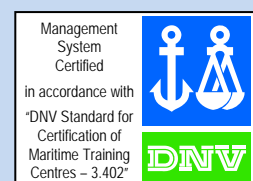
3 Days (0830H – 1600H)

2011 SCHEDULE:

1. Jan 10 – 12
2. Feb 21 – 23
3. Mar 21 – 23
4. Apr 04 – 06
5. May 09 – 11
6. Jun 06 – 08
7. Jul 04 – 06
8. Jul 18 – 20
9. Aug 01 – 03
10. Aug 29 – 31
11. Sept 12 – 14
12. Oct 10 – 12
13. Nov 07 – 09
14. Dec 05 – 07

**COURSE
CONTRIBUTION:
USD 539.00**

*Inclusive of course
materials compiled in a
ring binder*



Register

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