

STATEMENT OF COMPLIANCE

Particulars of Product

Name of Product: Machinery Operation Simulator
Class notation: _____
Type designation: K-Sim Engine M11 MaK 8M43C Container Feeder

Particulars of Manufacturer

Manufacturer: Kongsberg Maritime
Manufacturer Address: Postboks 1009, Bekkajordet 8a, 3194 Horten

This is to confirm:

That the above product is found to comply with Class A- Standard for Certification of Maritime Simulators No. DNVGL-ST-0033 January 2011.

Application

The above Standard is based on requirements in the STCW Convention, Regulation I/12.

This Statement is valid until **2020-11-09**, provided the requirements for the retention of the Statement will be complied with.

Issued at **Sandefjord** on **2015-11-09**



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Head of Section



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Auditor



Job Id: (Job Id.)
 Statement No: 001/151109
 Revision No:

Application/Limitation

The competencies addressed by machinery operation simulator classes are given in Table B1.

Table B1 Competencies addressed by machinery operation simulator classSOC-ENG.docx					
STCW reference	Competence	Class A (ENG)	Class B (ENG)	Class C (ENG)	Class S (ENG)
Table A-III/1.1	Maintain a safe engineering watch	A	B		(S)
Table A-III/1.3	Use internal communication systems	A	B		(S)
Table A-III/1.4	Operate main and auxiliary machinery and associated control systems	A	B	C	(S)
Table A-III/1.5	Operate fuel, lubrication, ballast and other pumping systems and associated control systems	A	B	C	(S)
Table A-III/1.6	Operate electrical, electronic and control systems	A	B	C	(S)
Table A-III/1.11	Maintain seaworthiness of the ship	A	B		(S)
Table A-III/2.1	Manage the operation of propulsion plant machinery	A	B		(S)
Table A-III/2.2	Plan and schedule operations	A	B		(S)
Table A-III/2.3	Operation, surveillance, performance assessment and maintaining safety of propulsion plant and auxiliary machinery	A	B		(S)
Table A-III/2.4	Manage fuel, lubrication and ballast operations	A	B	C	(S)
Table A-III/2.5	Manage operation of electrical and electronic control equipment	A	B		(S)
Table A-III/2.6	Manage troubleshooting restoration of electrical and electronic control equipment to operating condition				(S)
Table A-III/2.8	Detect and identify the cause of machinery malfunctions and correct faults	A			(S)
Table A-III/2.10	Control trim, stability and stress	A	B		(S)
Table A-III/2.11	Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea and protection of the marine environment	A	B		(S)
Table A-III/2.14	Use leadership and managerial skills	A			
Table A-III/4.2	For keeping a boiler watch: Maintain the correct water levels and steam pressures	A	B	C	(S)
Table A-III/6.1	Monitor the operation of electrical, electronic and control systems	A	B		(S)
Table A-III/6.2	Monitor the operation of automatic control systems of propulsion and auxiliary machinery	A	B		(S)
Table A-III/6.3	Operate generators and distribution systems	A	B		(S)
Table A-III/6.4	Operate and maintain power systems in excess of 1,000 Volts				(S)
Table A-III/6.5	Operate computers and computer networks on ships	A	B		(S)
Table A-III/6.6	Use internal communication systems	A	B		
Table A-III/6.8	Maintenance and repair of automation and control systems of main propulsion and auxiliary machinery				(S)
Table A-III/6.9	Maintenance and repair of bridge navigation equipment and				(S)



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	ship communication systems				
Table A-III/6.10	Maintenance and repair of electrical, electronic and control systems of deck machinery and cargo-handling equipment				(S)
Table A-III/6.11	Maintenance and repair of control and safety systems of hotel equipment				(S)
Table A-III/7.5	Contribute to the maintenance and repair of electrical systems and machinery on board				(S)