

# PRODUCT CERTIFICATE

Certificate no.:  
**n2016407-skp OSC**  
DNV ID no.:  
**10137219**

## Particulars of Product

Function Area: **OFFSHORE CRANE OPERATION SIMULATOR**

Name and type designation: **Offshore Crane Operation Simulator Multi model**

In use for simulation at: **NUSI Offshore Training Institute**

## Particulars of Manufacturer

Manufacturer: **ARI Simulation**

Manufacturer address: **Applied Research International Pvt. Ltd. New Dehli, India**

## This is to certify:

That the above product is found to comply with Class A - Standard for Certification of Maritime Simulators No. DNV-ST-0033 June 2021.

## Application

The above Standard is based on requirements in the STCW Convention, Regulation I/12 and corresponding industry standard and guidelines.

This Certificate is valid until **2029-12-18**, provided the requirements for the retention of the Certificate will be complied with.

Issued at **Sandefjord, Norway** on **2024-12-18**



for **DNV**

*This document is signed electronically in accordance with IMO  
FAL.5/Circ.39/Rev.2. Validation and authentication can be obtained from  
trust.dnv.com by using the Unique Tracking Number (UTN):  
n2016407-skp and ID: 10137219*

**Aksel David Nordholm**  
**Approval Expert**

This Certificate is subject to terms and conditions overleaf. Any significant change in simulation performance may render this Certificate invalid.  
LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

## Application/Limitation

The simulator can simulate a realistic environment for selected OMHEC TS competence requirement referred to in Table 7-2.

**Table 12-2 Competencies addressed by offshore crane operation simulator class**

<b>OMHEC TS reference</b>	<b>Competence</b>	<b>Class A (OSC)</b>	<b>Class B (OSC)</b>	<b>Class C (OSC)</b>	<b>Class S (OSC)</b>
Table 3.3.1	Perform planning of lifting operation.	A	B	C	S
Table 3.3.2	The implementation of regulations and standards.	A	B		
Table 3.3.3	Coordinate lifting operation with all personnel involved.	A	B	C	S
Table 3.3.4	General and safety checks of crane, lifting equipment and load.	A	B	C	S
Table 3.3.5	Instruct and carry out the communication-procedures.	A	B	C	S
Table 3.3.6	Assessment of risks/hazards.	A	B	C	S
Table 3.3.7	Know and assess distribution of forces.	A	B		
Table 3.3.8	Lifting operations at the offshore location; deck work and load-unload a supply vessel.	A	B		



**Endorsement for Annual Audits**

THIS IS TO CERTIFY:  
at an annual audit as required by the Standard, the Simulator System was found to comply with the relevant requirements of the Standard.

1st Annual Audit Place: ..... Date: .....

Signature: .....

Stamp ..... Auditor, DNV

2nd Annual Audit Place: ..... Date: .....

Signature: .....

Stamp ..... Auditor, DNV

3rd Annual Audit Place: ..... Date: .....

Signature: .....

Stamp ..... Auditor, DNV

4th Annual Audit Place: ..... Date: .....

Signature: .....

Stamp ..... Auditor, DNV