



ANNEX to Certificate number: SMS.W.II./99115/B.0

As a result of the Mode II Renewal audit performed by Bureau Veritas Marine on August 20th, 2018, Nance and Underwood Rigging initial approval has been extended.

The company is recognized as being able to perform in-house Load Testing of rigging, hoisting and lifting components such as wire, synthetic wire ropes, shackles, splices, bridles, etc... using primarily the Test Bed for Pull/Push testing along with its calibrated load scale/cell No.: OP-925.

Additionally, Nance and Underwood Rigging is recognized for its capability to perform on-board load testing of cranes, using the water bags and equipment listed below.

Additional equipment used by Nance and Underwood Rigging for in-house and/or on board testing:

Asset Name	Range	Serial No.
Optima Load Cell	0-20000 Lbs.	16030005
Dillon Dynamometer	0-10000 Lbs.	D51610
Hydrajaws Hydraulic Load Tester	0-15 kN	411112676
Hydrajaws Hydraulic Load Tester	0-30 kN	NUR3F 31378

Nance and Underwood Rigging equipment used for crane load testing on-board vessels:

Asset Name	Range	Serial No.
Heavy Duty Crane Scale (5 t)	40-10000 Lbs	180122030

Asset Name	Manufacturer	Model	Serial No.	Max. Load	Capacity	Date of Manuf.	Material
Water Bag	SAFETMADE Marine Products Co.	WB/3	008442	3 Tons	3m ³	Jan 2017	PVC
Water Bag	SAFETMADE Marine Products Co	WB/3	008443	3 Tons	3m ³	Jan 2017	PVC

This equipment may be used only when properly calibrated. The list of calibrated equipment along with respective calibration records are to be verified during the annual BV audits.

Additional conditions for approval:

- Nance and Underwood Rigging is not Recognized as being able to perform load tests or any surveys on personal lifts and elevators;
- In case of load tests performed on board of BV classed ships, such tests are required to be agreed with BV Ships In-Service Department located at the BV Port Everglades office and other parties involved, such as ship owner or its representative. Applicable rules used to define the test loads are the Bureau Veritas rules.
- In case of load tests performed on equipment other than those intended for BV classed ships, such tests should follow the requirements stated in the agreements between the interested parties (such as other IACS members, ship owner or its representative). Applicable rules, regulations or standards used to define the test loads are also to be agreed between the interested parties.
- Any Load Testing is always to be carried out using up-to-date calibrated load scales/cells.