

**FORM A OCIMF GUIDELINES FOR THE PURCHASING AND TESTING OF SPM HAWSERS  
COMPLIANCE CERTIFICATE**

Date: 10-May-2019

Rope Manufacturer: DSR Corp  
 Address: 7, Noksansaneopjung-ro, 192beon-gil, Gangseo-gu, Busan, Koera  
 Rope Design Designation: NY Double B/D (SPM)  
 Material Type (nylon, polyester, etc.): Nylon  
 Material Description (or mfg's code): Nylon 6.6  
 Rope Structure (8-strand, double braid, etc.): Load-bearing 12-Strand Core and Protective Jacket  
 Maximum Rope Size to be Made: 24 Wight / Unit Length: 23,000 g/m

**Prototype Rope Production**

Plant Location: Busan, Korea Quantity Produced Date: 13-May-2019  
 Quality Control Supervisor: Kyung-Wook Kang  
 Name of Independent Inspector: Yong-Chul Suk  
 Inspection Company: Lloyd's Register  
 Address: #22, DoosanVolvo-ro Seongsan-gu, Changwon, Gyeongnam, Korea

Certified by Independent Inspector (indicate Yes or No if listed requirements have been reviewed)

Rope Design Specification?:	Yes	Material Specification?:	Yes
Manufacturing Specification?:	Yes	Splicing Instructions?:	Yes
Quality Assurance Manual?:	Yes	Quality Control Report?:	Yes
Yarn Quality Testing?:	Yes	Rope/Yarn Strength Ratio Determination?:	Yes

**Prototype Rope Testing**

Test Facility: 4,000kN / 12,000kN Location: Busan, Korea Date: 21-May-2019  
 Test Engineer: Chul-hong Min / Hyung-il Cho  
 Name of Independent Inspector: Yong-Chul Suk  
 Inspection Company: Lloyd's Register  
 Address: #22, DoosanVolvo-ro Seongsan-gu, Changwon, Gyeongnam, Korea

Certified by Independent Inspector (enter average test result)

	NDBS	DExt20%	DExt50%	NWBS	WExt20%	WExt50%
Size 24	826.5 tonf	6.30%	9.88%	743.9 tonf	8.34%	12.04%

Certified by Independent Inspector (indicate Yes or No if listed calculations have been reviewed): Yes

Extension at 20% (Ext20%) and 50% (Ext50%) Determination? Yes  
 Thousand Cycle Load Level (TCLL) Determination? N/A  
 Rope Size/Strength Power Determination? N/A  
 Rope/Yarn Strength Ratio Determination? 24": 0.684

Signature/Seal of Independent Inspector



Certification indicates that documents have been reviewed for full compliance and that tests have been witnessed by Independent Inspector.

**Compliance and/or certification do not indicate approval and/or certification by OCIMF.**