

DET NORSKE VERITAS

Certificate No OSL-12-4479

PRODUCT CERTIFICATE

SK	PPER Electronics AS
819	49
EL	CTROTECH
<u>(T</u> l	3D)
"	,,
P20	1.1C
Вс	ttom Penetration for Echo Sounder, Sonar or Log
ET The spe	-60-SA, DB-60-SA, SB-100-SBX_, DB-100-SB, NSJB/ETNSLB-100mm e gate valve may be used in conjunction with installation of eed log or echo sounder 79
dance with the relevant i	equirements of:
☑ Ships	HSLC ☐ Naval ☐ Offshore
Other standards:	
-12-4479	On: Gate Valve
MSA). res that the product/system has rith the specification/standard red to in	This Certificate is only valid when signed by a DNV surveyor.
	For Det Norske Veritas AS
	For Det Norske Veritas AS Place: Høvik
	Bot "P26 Bot SB ETN The spe 121 dance with the relevant re Ships Other standards: Se page 2): -12-4479 The certification is based on a MSA). The specification/standard red to in gement No: R-1948

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Remarks: The valve housing has been subjected to a hydrostatic pressure test, and the valve assembly to a seat leakage te 5 bar. Holding time 5 minutes.	t to
Marking and certificate numbers for the different parts:	
Drawings with dates of approval and/or type approval certificate number: DNV S-6000	

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway, Tel.: +47 67 57 99 00, Fax: +47 67 57 99 11, Org.No. NO 945 748 931 MVA www.dnv.com Form No.: 20.92a Issue: October 2010 Page 2 of 2