



Independent, third party certification

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ABS Type Approval Program



Search Results

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Product Search

Company Information	Additional Company/Plant Detail	Category	Type Approval Certificate No.	Issue Date	Expiry Date
<p>Class Instrumentation Limited 837 Garratt Lane London SW17 0PG United Kingdom Tel +44 20 83 33 22 88 Fax +44 20 89 44 01 41 E-mail info@classltd.com Website www.classltd.com</p>					
Product	Tightness Detection System				
Model	Cargo-Safe				
Intended Service	Water tightness testing system used on ABS vessels and offshore units. It primary function is to test cargo hatch cover for water tightness but can also be used to check tightness of doors, windows, ramps, opening and bulkhead				
Description	The system comprises a micro-processor controlled transmitter, containing 13 off 40 KHz emitters arranged on a dome, producing uniformly distributed omni-directional ultrasound field and a handheld ultrasonic receiver unit which, connects to a 10 mm diameter inspection microphone on a telescopic arm thereby allowing tightness measurements in dBuV values. (Memorisation of data and in a specific routine for hatch cover tightness testing, logging and downloading to a PC for appropriate reporting)				
Ratings	Power supply: Transmitter - 9 - 24 VDC Rechargeable NiMH or 6 disposable AA Alkaline batteries, Receiver: 1 PP3 9V battery				
Service Restrictions	Not suitable to be used in hazardous environment Unit Certification is not required for this product.				
Comments	Not Applicable				
Term of Validity	This product/model is covered under Product Design Assessment (PDA) Certificate # 05-LD485608-PDA, dated 08/Mar/2005. This PDA Certificate expires Mar of 2010. It will remain valid for the 5 years from date of issue or until the Rules or specifications used in the assessment are revised (whichever occurs first).				
ABS Rules	2005 Steel Vessel Rules 1-1-4/7.7 and 4-9-7/7 & 13				
Other Standards	User's Manual				
Model Certificate	Model Certificate No	Issue Date	Expiry Date		