



ABS

CERTIFICATE NUMBER
06-YO178888-PDA

DATE
27 July 2006

ABS TECHNICAL OFFICE
Yokohama

EXPIRE DATE
(Subject to the condition stated below)
27 July 2011

CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of
AMG(QLD) Pty Ltd

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate. It will remain valid for five years from the date of issue or until the Rules or specifications used in the assessment are revised (whichever occurs first).

PRODUCT: **Aqualuma Underwater Light**

MODEL: **AQLWN3, AQLWW3, AQLBN3, AQLGN3 and AQLGW3**
(See attachment)

ABS RULE: **2006 Steel Vessel Rules 1-1-4/7.7 and 4-8-3/1.11**

OTHER STANDARD: **IEC 60529 Ed 2.1 (2001), 60598-1 (2003) and 60598-2.18 (1998)**

AMERICAN BUREAU OF SHIPPING

Yasuyuki Aoyachi
Manager of Yokohama Engineering Service

DA Certificate No: 06-YO178888-PDA
Issue Date: 27 July 2006
Expire Date: 27 July 2011
(Subject to the condition stated on the DA Certificate)

Company: AMG(QLD) Pty Ltd
Factory / Office:
Country: Australia
Zip:
Address: Unit 36 Gold Coast City Marina, Waterway Drive Coomera, Qld 4209
Telephone: 07-5519-4555
Fax: 07-5502-7783
Web Site: www.aqualuma.com
Contact E-mail: info@aqualuma.com

Product/Equipment: Aqualuma Underwater Light
Model: AQLWN3, AQLWW3, AQLBN3, AQLGN3 and AQLGW3

Description:
Intended Service: Underwater Light
Rating: Enclosure class: IP68
Voltage class: 12 & 24V DC
Pressure Front mount: 73.6 kPa for 30 min (1.5 x nominated operating pressure)
Pressure Reverse mount: 73.6 kPa for 30 min (1.5 x nominated operating pressure)

Applicable ABS Rule: 2006 Steel Vessel Rules 1-1-4/7.7 and 4-8-3/1.11
Applicable Other Standard: IEC 60529 Ed 2.1 (2001), 60598-1 (2003) and 60598-2.18 (1998)

Service Restrictions:
Comments:
Documents and Notes: ETRS Report No. QRH05-4188-02 dated 1 August 2005
QRH05-4188-03 dated 12 August 2005
QRH05-4188-04 dated 25 November 2005
4206-1008-01-Revision 1.1 dated 12 April 2006
EMC Technologies Report No. T60321_S dated 15 March 2006

Revision History

Revision No	Rev Description	ABS Letter Reference	ABS Letter Date
0	Initial Issue	YoH/178888	27 July 2006