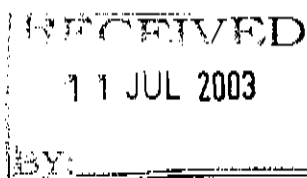


Explosives & Dangerous Goods Division  
5 Argus Place  
Glenfield  
PO Box 33 790  
Takapuna  
Ph: 09 443 3815  
Fax: 09 443 8420



Ref: 9/3/15

10 July 2003

Mr Nick Foster  
System Control Engineering NZ Ltd  
PO Box 112 158  
Penrose  
AUCKLAND

Dear Mr Foster

**APPROVAL OF ALGAS-SDI ZIMMER ELECTRIC Z40L (LPG) AND Z40P (PROPANE) VAPOURISERS – DET NORSKE VERITAS NOTIFICATION NUMBER DNV-2003-OSL-ATEX-0106Q REFERS. LAB 3324**

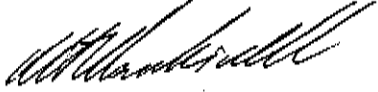
With reference to your letter dated 22 January 2003 and supporting technical data, and correspondence from Algas-SDI confirming that testing to UL/CE(DEMCO)/ATEX has been successfully completed. Further reference is made to my letter to you dated 8 May granting interim approval. I have now received a copy of the Det Norske Veritas quality assurance notification as above, and can now confirm that pursuant to Regulation 76(1) of the Dangerous Goods (Class 2-Gases) Regulations 1980, full approval is granted for the above series of vapourisers for use in New Zealand.

This approval is subject to the following conditions:

1. The pressure pipework associated with the vapouriser must comply with the requirements of the Health and Safety in Employment (Pressure Equipment, Cranes and Passenger Ropeways) Regulations 1999.
2. The Department of Labour approval number **LAB 3324** has been allocated to the above series of vapourisers. This approval number is to be stamped on the identification plate of each model.
3. Any changes or alterations to the design of the vapourisers submitted for approval will necessitate a re-application for approval.
4. This approval may be withdrawn at any time if the equipment fails in service or develops faults.
5. This office is to be notified of any equipment failure should it occur in the future.



Yours faithfully

A handwritten signature in black ink, appearing to read 'M J Nankivell', written in a cursive style.

M J Nankivell  
Technical Advisor Hazardous Substances

*For Senior Specialist Hazardous Substances*

# EC-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System intended for use  
in Potentially explosive atmospheres  
Directive 94/9/EC



[3] EC-Type Examination Certificate Number: **DEMKO 03 ATEX 0215525**

[4] Equipment or Protective System: **LPG Vaporizer**

[5] Manufacturer: **Algas-SDI International L L C**

[6] Address: **1140 NW 46th St, PO Box 70498, Seattle WA 98107 USA**

[7] This equipment or protective system, intended for use as specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no: **02NK15595 Report**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 50014:1997 + A1-A2:1999, EN 50018:2000 + A1:2002**

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.

[12] The marking of the equipment is as follows:

 **II 2 G EEx d IIA T4**

On behalf of UL International Demko A/S

Herlev, 2004-07-20

Karina Christiansen  
Certification Manager

Certificate 03 ATEX 0215525

P1

This certificate may only be reproduced in its entirety and without any change, schedule included



DNV

# DET NORSKE VERITAS

## PRODUCTION QUALITY ASSURANCE NOTIFICATION

[2] **EQUIPMENT OR PROTECTED SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC**

[3] Notification Number: **DNV-2003-OSL-ATEX-0106Q**

[4] Equipment or Protective Systems or components as listed: **LPG Vaporizer**

[5] Applicant –Manufacturer or Authorized Representative in the Community: **Algas-SDI  
1140, NW 46<sup>th</sup> St, Seattle, WA 98107, USA**

[6] Manufacturer: **Algas-SDI**

[7] DNV, notified body number 0575 for Annex IV in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, notifies to the applicant that the actual manufacturer has a production quality system which complies to Annex IV of the Directive.

[8] This notification is based on audit report **2003-3163**  
This notification can be withdrawn if the manufacturer no longer satisfies the requirements of Annex IV

**Results of periodical re-assessment of the manufacturing process is a part of this notification.**


[9] This notification is valid until 2006-05-15 and can be withdrawn if the manufacturer does not satisfy the production quality re-assessment.

[10] According to article 10[1] of the Directive 94/9/EC the CE marking shall be followed by the identification Number 0575 identifying the notified body involved in the production control stage

Høvik, 15. May 2003  
for Det Norske Veritas AS

  
Per Ove Øyberg  
Head of Section



  
Bjørn Spongsveen  
Senior Engineer

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If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



## Schedule

The following EC-Type Examination Certificates are covered by this Notification:

DEMKO 03 ATEX 0215525

LPG Vaporizer, Ⓢ II 2 G, EEx d IIA T4



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DET NORSKE VERITAS CERTIFICATION AS · VERITASVEIEN 1, 1322 HØVIK, NORWAY · TEL: (+47) 87 57 99 00 · FAX: (+47) 87 57 99 11