



**Algas-SDI**<sup>TM</sup>

*...Innovative liquid vaporizing and gas mixing solutions*

**ISO 9001  
Certified**


## EC Declaration of Conformity

**WE,** Algas-SDI  
151 South Michigan  
Seattle, WA 98108 USA

**Declare, solely under own responsibility, that the product**

Model: TX Series, LPG vaporizer for converting liquefied petroleum to vapor by means of an electric heater/heat exchanger.

**Mentioned in this declaration, complies with the following standards and/or normative documents:**

Requirements	Remarks	Certificates No.
94/9/EC, Annex VII	Product Quality Assurance ATEX Directive	DNV-2006-OSL-ATEX-0166Q
<b>Notified Body:</b>	Det Norske Veritas AS Veritasveien 1 N-1322 Hovik, Norway	0575
	CE  II 2 G EEx d IIB T3	NEMKO 04ATEX1026X
EN 60079-0:2004	Explosive Atmospheres Equipment – General Requirements	
EN 60079-01:2004	Explosive Atmospheres Equipment Protection by Flameproof Enclosures “d”	
<b>Type Examination Body:</b>	NEMKO P.O. Box 73 Blindern N-0314 OSLO, Norway	0470
97/23/EC	Pressure Equipment Directive Module H	PED-H-40065-2008-CE-USA-NA
Technical Standards Applied: ASME B&PV Code, Section VIII, Div. 1		
<b>Notified Body:</b>	Det Norske Veritas AS Veritasveien 1 N-1322 Hovik, Norway	0575



**Algas-SDI**<sup>TM</sup>

*...Innovative liquid vaporizing and gas mixing solutions*

**ISO 9001**  
**Certified**

**CE Declaration of Conformity Continued:**

<b>Requirements</b>	<b>Remarks</b>	<b>Certificates No.</b>
2004/108/EC	EMC Directive	
EN 50081 T2	Electromagnetic Compatibility – Generic Emission Standard	
EN 50082 T2	Electromagnetic Compatibility – Generic Immunity Standard	
EN 61000-4-2	Electrostatic Discharge	
ENV 50140	Radiated Electromagnetic Field	
ENV 50204	Radiated Electromagnetic Field from Digital Radio Telephones	
EN 61000-4-4	Electrical Fast Transient/Burst	
ENV 50141	Conducted Disturbances Induced By Radio-Frequency Fields	
EN 61000-4-8	Power Frequency Magnetic Field Immunity	
<b>Conformity Assessment:</b>	Quest Engineering Solutions 7 Sterling Road, PO Box 125 N. Billerica, MA 01862	US0030

Mike Zimmer, PE  
Director of Engineering  
September 3, 2010

**SUPPLEMENT 1 TO EC-TYPE EXAMINATION CERTIFICATE****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 04ATEX1026X****[15] Description of Equipment or Protective System**

The certificate is extended to include minor changes like a re-styling of the outside look and new components in the "d" compartment. The certificate is also extended with new type designations as listed below.

**Type Designation**

Single units:

TX25, TX50, TX100, TX160, TX240, TX320 (LP-Gas single cores)

TX19AA, TX38AA, TX75AA, TX120AA, TX180AA, TX240AA (Ammonia single cores)

Types listed below are single units connected together with pipes and mounted on a common steel base.  
TX480, TX640, TX720, TX960, TX1200, TX1280, TX1440, TX1600, TX1680, TX1920, TX2240,  
TX2560

TX360AA, TX480AA, TX540AA, TX720AA, TX900AA, TX960AA, TX1080AA, TX1200AA, TX1260AA,  
TX1440AA, TX1680AA, TX1920AA**Technical Data**

120V – 480V, 10-60A, 2.9-45.4kW 50/60Hz

**Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
CENELEC EN 60079-0:2004 and CENELEC EN 60079-1:2004**

**[16] Report No. 71521****Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Pages
TORREXX LPG VAPORIZER CERTIFICATION DRAWING	5001-2001	-	2006-09-18	1, 2, 3 ,4, 9, 10, 11, 13, 16, 17, 18 and 19 of 19

**[17] Special Conditions for Safe Use**

WARNING-POTENTIAL ELECTROSTATIC CHARGING HAZARD-SEE INSTRUCTIONS.

**[18] Essential Health and Safety Requirements**

See item 9

Oslo, 2006-11-03

**Rolf Hoel****Certification Manager Ex-products**

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