



(Pty) Ltd

Req No: 1999/027771/07

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GOVERNMENT APPROVED TEST LABORATORY

IN TERMS OF ARP 0108: "REGULATORY REQUIREMENTS FOR EXPLOSION PROTECTED APPARATUS"

IA CERTIFICATE (IMPORT)

Page 1 of 3

Date Issued: **07 Jul 2025** Certificate Validity: **07 Jul 2028**

IA Certificate Validity: In accordance with ARP 0108 and the National Code of Practice, import IA certificates has a validity period of three (3) years from the date of issue. The IA certificate's validity period depends on the validity of the international document that it is based upon, and it is invalidated should the international certificate be cancelled or the product quality assurance or notification becomes invalid. Equipment imported under a valid IA certificate and handed over to the end user, the IA Certificate validity falls away and the Ex equipment remains compliant with the relevant standards for its lifetime, provided the equipment is maintained in its original certified configuration. No modifications are allowed. Imported apparatus not sold by the IA certificate expiry date is deemed to not be covered by this IA Certificate and this IA Certificate shall undergo a renewal process. Renewal of this IA certificate is the responsibility of the IA Certificate Holder. The IA Certificate Holder must provide and maintain records to the end-user, of date of sale for traceability purposes.

Certificate Number:	S-XPL/19.0336 X	Issue Number: 2
Equipment:	Display and Adjustment Unit VEGADIS 82	
Model / Type:	DIS82(*)**X***** and DIS82(*)**H*****	
IA Certificate Holder:	VEGA Grieshaber KG	
IA Certificate Holder Location:	Am Hohenstein 113, 77761 Schiltach, Germany	
Manufacturer:	VEGA Grieshaber KG	
Manufacturer Location:	Am Hohenstein 113, 77761 Schiltach, Germany	
Serial No:	All serial numbers, imported between issued- and validity date and all serial numbers covered by either valid QAN or QAR.	

Identified by Inspection Authority Number
S-XPL/19.0336 X

And as described in the Explolabs file number **XPL/20361/19.0336 Issue 2** is hereby certified "Explosion Protected (Refer to clause 1, for Ex Rating)", having been examined and inspected in accordance with the relevant requirements of the South African National Standards.

- | | |
|---------------------------------|---|
| SANS 60079-0: 2019 Ed 6 | Explosive atmospheres Part 0: Equipment — General requirements |
| IEC 60079-0: 2017 Ed 7 | |
| SANS 60079-11: 2012 Ed 4 | Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i" |
| IEC 60079-11: 2011 Ed 6 | |

Risk of ignition provided:

Protection afforded	Equipment Protection Level (EPL)	Performance of protection	Conditions of operation	T class or Max Surface Temp (°C)
	Group			
Very high	Ga Group II	Two independent means of protection or safe even when two faults occur independently of each other	Equipment remains functioning in zones 0, 1 and 2	T6 (85°C) ... T1 (450°C)
High	Gb Group II	Suitable for normal operation and frequently occurring disturbances or equipment where faults are normally taken into account	Equipment remains functioning in zones 1 and 2	

This certificate supersedes all previous documents bearing the reference no XPL/20361/19.0336 Issue 1.

DOCUMENT No: XPL0213	RELEASE DATE: 11/03/2025	REV: 9
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This document is an Explolabs Controlled Document – Responsibility falls on personnel to ensure correct revision is applied as noted in the electronic system.



1. GENERAL

The marking of the Display and Adjustment Unit VEGADIS 82 shall include the following:

Ex ia IIC T6...T1 Ga and

Ex ia IIC T6...T1 Gb

Description

VEGADSI 82, type DIS82(*)**X*****, is used for separate scaling, parameter adjustment and visualization of measured values in conjunction with 4...20 mA, interface sensors.

VEGADIS 82, type DIS82(*)**H*****, is for in conjunction with 4...20 mA + HART interfaced sensors.

The VEGADIS 82 is looped into the intrinsically safe 4...20 mA, or 4...20 mA + HART, circuit of the sensor.

Optionally, the VEGADIS 82 can be provided with the display and adjustment module called "PLICSCOM".

The user can readily replace the PLICSCOM with

- An alternative display and adjustment module that is specified by VEGA.
- For service purposes, the interface adapter VEGACONNECT4 (PTB 07 ATEX 2013X / S-XPL/08796 X), for communication with a computer via USB, which is only allowed when the area is known to be non hazardous.

The enclosure of the VEGADIS 82 can be made of plastic, aluminum or stainless steel, and has a cover with or without a plastic window.

Or the VEGADIS 82 has a plastic enclosure, with a transparent cover, for panel mounting.

Thermal data

Minimum ambient temperature is -40°C.

The relation between temperature class and maximum ambient temperature is as listed in the following table:

	T6	T5	T4...T1
Type DIS82(*)**X*****	45 °C	60 °C	60 °C
Type DIS82(*)**H*****	42 °C	57 °C	60 °C

For more information regarding Electrical data and Type designation see Annex 1 to NL/DEK/ExTR14.0060/05.

Based on the following documentation: DEKRA 14 ATEX 0098 X Issue Number 6

2. INSTALLATION INSTRUCTIONS

It is the IA Certificate Holder's responsibility to supply OEM installation instructions with each unit offered for sale as required by IEC/SANS 60079-0, clause 30.

The equipment shall be installed, operated, and maintained in accordance with the manufacturer's instructions and the applicable South African standards and regulations.

3. SPECIAL CONDITIONS FOR SAFE USE *(denoted by "X" after certificate number)*

If the enclosure of the VEGADIS 82 is made of aluminum (Type DIS82(*)***A*****) and if it is mounted in an area where the use of EPL Ga equipment is required, it must be installed such, that even in the event of rare incidents, ignition sources due to impact and friction sparks are excluded.

Except for VEGADIS 82 type DIS82(*)***V**X**, which is made of unpainted metal and without window, on all Display and adjustment Units type DIS8(*)*****, electrostatic charges shall be avoided.

4. SCHEDULE OF LIMITATIONS *(denoted by "U" after certificate number)*

Not applicable.

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5. CONDITIONS OF CERTIFICATION

This approval is granted based on the submitted documentation.

Any modifications or alterations to the equipment will invalidate this IA Certificate.

The Certificate Holder is responsible for maintaining accurate records of the equipment and this IA Certificate.

All production units must be covered by either a QAN (Quality Assurance Notification) or QAR (Quality Assurance Report).

Renewal: This IA certificate may be renewed under a valid Quality Assurance Notification (QAN) or Quality Assurance Report (QAR). Imported apparatus not sold by the IA certificate expiry date must undergo this renewal process. This condition remains the responsibility of the IA Certificate Holder. Renewal of this IA certificate is the responsibility of the IA Certificate Holder.

Renewal involves a document review, including:

- Verification of the latest ATEX/IECEX certificate.
- Confirmation of a valid QAN/QAR.

Certificate holders are responsible for submitting these documents.

6. MARKING

The equipment shall bear the manufacturer's original marking plate containing all relevant Ex-certification details (applicable under the ATEX Directive). The following (or similar) information shall be clearly and permanently marked on all units:

IA Certificate Holder : VEGA Grieshaber KG
 Ex Rating : Ex ia IIC T6...T1 Ga and
 Ex ia IIC T6...T1 Gb
 IA Certificate No : S-XPL/19.0336 X

This certification indicates compliance with R10.1 of the Mines Health and Safety Act and/or EMR 9(2) of the Occupational Health and Safety Act, provided that the apparatus is used as relevant in accordance with:

- i) SANS 10086 and IEC/SANS 61241-14 requirements as applicable;
 - ii) Any conditions mentioned in the above report;
 - iii) Any relevant requirements and codes of practice enforced in terms of the Mine Health and Safety Act or Occupational Health and Safety Act; and
 - iv) Any restrictions and conditions enforced by the Chief Inspector of Mines or the Principal Inspector or the Chief Inspector: Occupational Health and Safety.
- A revision certificate replaces all previous versions of the certificate.
- * - Only covers equipment imported between the "Issued" and "Expire" dates.
- If and when your QAN (Quality Assurance Notification) or QAR (Quality Assurance Report) Certificate for your equipment manufacturer expires during the valid period of the IA Certification (issued for your equipment) and a new certificate is not submitted, the existing IA Certification will then be cancelled. It is thus the Certificate Holder's responsibility to always submit the updated and valid QAN/QAR certificate(s) to Explolabs (Pty) Ltd

Reviewed by:



CC Lourens

Technical Specialist

EXPLOLABS EXPLOSION PREVENTION SERVICES

This report/certificate shall not be reproduced except in full without the written approval of the company Explolabs (Pty) Ltd shall not be liable for any losses or damages sustained on account of any failure or omission to properly perform our duties in terms of any contract undertaken by us. This disclaimer is immutable and automatically incorporated in any contract undertaken by us; notwithstanding anything to the contrary, save for the express written waiver of our managing director. By marking the equipment in accordance with the documentation/standard, the manufacturer attests on his own responsibility that the equipment has been constructed in accordance with the applicable requirements of the relevant standards and that the routine verifications and tests have been successfully completed and that the product complies with the documentation and standard(s). The contents of electronic reports/certificates cannot be guaranteed. Original certification documents will be kept on file at Explolabs (Pty) Ltd

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