



Government of India
Ministry of Commerce & Industry
Petroleum & Explosives Safety Organisation (PESO)
5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006

E-mail : explosives@explosives.gov.in
 Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/MH/104/6662 (P482127)

Dated : 18/01/2021

To,

M/s. Paladon Systems S.r.l.,
Localita Ca Verde, Strada 412/R, Borgonovo Valtidone(PC)
29011 sara.groppi@paladonsystems.com
ITALY

Sub : Approval for Electrical Components of Paladon Systems Electro Hydraulic Actuator, Model Number HYL-XX-XX-XX under Petroleum Rules, 2002-reg.

Sir(s),

Please refer to your letter No. **OIN630458** dated **07/11/2020** on the subject.

There would be no objection to your supplying subject manufactured item/equipment by you conforming to according to **EN 60079-0 : 2012/A11 : 2013, EN 60079-1 : 2014, EN 60079-11 : 2012, EN/IEC 60079-0: 2018, IEC 60079-0 : 2011, IEC 60079-1 : 2014, IEC 60079-11 : 2011, IEC 60079-7 : 2017**, standards and covered under Certificate No. dted. The above shall be comprising of following approved type of electrical components as described below, the subject manufactured items is suitable for **Zone 1 only**:-

Sr.No	Description (Components Description)	Make	Safety Protection	Agency	Certificate No. & Date
1	Titan Ex db Switch	Pyropress Ltd	Ex db IIB+H2 T6..T2 Gb	ExVeritas	ExVeritas 19ATEX0501X Issue 0 Date 08/07/2019
2	Level controls Multipoint E and Linear E	VAL.CO S.r.l.	Ex db IIC/IIB/IIA T6, T5 Ga/Gb	Centro Elettrotecnico Sperimentale Italiano S.p.A.	CESI 03 ATEX 272 /03 Date 24/08/2017
3	EHPC210 Universal Controller	Bifold Fluidpower Ltd	Ex db IIB T6 Gb or Ex db [ib Gb] IIB T6 Gb	SGS Baseefa Ltd	Baseefa16ATEX0019X Issue 2 Date 18/07/2016
4	Type 27 & Type 77 Solenoid Operator	Bifold Fluidpower Ltd	Ex db IIC T6	SGS Baseefa Ltd	IECEX BAS 10.0008 Date 12/07/2019
5	Range of Linear Position Transducers BTL5 and BTL7	Balluff Inc	Ex d IIC T6 Ga/Gb or Ex d IIC T5 Ga/Gb	SIRA Certification Service	IECEX SIR 11.0048X Issue No. 4 Date 17/10/2019
6	Enclosures Type EJB	Nuova ASP S.r.l.	Ex db IIA or IIB or IIB+H2 T6 Gb	Institut National de l'Environnement Industriel et	INERIS 13ATEX0058X Issue 05 Date 14/01/2019
7	Euroswitch Proximity Switches – Type No.s suffixed W (wireable)	Longvale Ltd	Ex db IIC T6/T4 Gb	SGS Baseefa Ltd	IECEX BAS 14.0056X Issue 7 Date 16/12/2019
8	Euroswitch	Longvale Ltd	Ex ia IIC T4..T6 Ga	SGS Baseefa Ltd	IECEX BAS 14.0003X Issue No. 7 Date 15/05/2018
9	Compact pressure and temperature switches series PCA and TCA	Wika Instruments Italia S.r.l.	Ex db IIC T6 or T4 Ga/Gb or Gb	DNV GL Presafe AS	IECEX PRE 18.0043X Issue No. 1 Date 10/08/2020
10	Three-phase & mono-phase asynchronous motors series MAK 56 160 & MAKE 63-160	Euromotori S.r.L.	Ex db IIB T6, T5, T4, T3 Gb or Ex db eb IIB T6, T5	Centro Elettrotecnico Sperimentale Italiano S.p.A.	IECEX CES 10.0023X Issue No. 2 Date 29/08/2019
11	Intrinsically Safe Pressure or Temperature Switches	United Electric Controls	Ex ia IIC T6 Ga	UL International demko A/S	DEMKO 11 ATEX 1105261X Rev 2 Date 14/06/2016

This Approval is granted subject to observance of the following conditions:-

1)The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the Centro Elettrotecnico Sperimentale Italiano S.p.A. / DNV GL Presafe AS / ExVeritas / Institut National de l'Environnement Industriel et / SGS Baseefa Ltd / SIRA Certification Service / UL International demko A/S Test Reports referred to above.

2)The equipment shall be used only with approved type of accessories and associated apparatus.

3)Each equipment shall be marked either by raised lettering cast integrally or by plate attached permanently to the main structure to indicate conspicuously:-

(a) Name of the manufacturer

(b) Name and number by which the equipment is identified.

(c) Number & date of the test report of the Centro Elettrotecnico Sperimentale Italiano S.p.A. / DNV GL Presafe AS / ExVeritas / Institut National de

l'Environnement Industriel et / SGS Baseefa Ltd / SIRA Certification Service / UL International demko A/S applicable to the equipment.

- (d) Equipment reference number of this letter by which use of apparatus is approved.
- (e) Protection level.

4) A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the Centro Elettrotecnico Sperimentale Italiano S.p.A. / DNV GL Presafe AS / ExVeritas / Institut National de l'Environnement Industriel et / SGS Baseefa Ltd / SIRA Certification Service / UL International demko A/S Test report and is identical with the one tested and certified at Centro Elettrotecnico Sperimentale Italiano S.p.A. / DNV GL Presafe AS / ExVeritas / Institut National de l'Environnement Industriel et / SGS Baseefa Ltd / SIRA Certification Service / UL International demko A/S shall be furnished with each equipment.

5) The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenance schedule, if any, recommended by Centro Elettrotecnico Sperimentale Italiano S.p.A. / DNV GL Presafe AS / ExVeritas / Institut National de l'Environnement Industriel et / SGS Baseefa Ltd / SIRA Certification Service / UL International demko A/S in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its Flame Proof characteristics.

6) The After sales service and maintenance of subject equipment shall be looked after by your representative Applied Tek and Management Consultancy Pvt Ltd, 401E Remi Biz Court, Veera Desai Road, Andheri West, Mumbai 400 053

Conditions of the Approval:-

Increased safety type of protection (Ex e) if provided shall be limited up to termination of wires / cable glands only.

This approval also covers the permissible variations as approved under the Centro Elettrotecnico Sperimentale Italiano S.p.A./ DNV GL Presafe AS/ ExVeritas/ Institut National de l'Environnement Industriel et / SGS Baseefa Ltd/ SIRA Certification Service/ UL International demko A/S test reports referred above. This approval is liable to be cancelled if any of the conditions of the approval is violated or not complied with . The approval may also be amended or withdrawn at any time, if considered necessary in the interest of safety.

The field performance report from actual users/your customers of the subject equipment may please be collected and furnished to this office for verification and record on annual basis.

The Approval is Valid upto **31/12/2025**

Yours faithfully,

(Ninad Dattaram Gawade)
Dy. Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, West Circle, MUMBAI
2. Applied Tek and Management Consultancy Pvt Ltd,401E Remi Biz Court, Veera Desai Road, Andheri West, Mumbai 400 053

For Chief Controller of Explosives
Nagpur

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

This is System generated document. Signature is not required.