



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/KA/104/6056 (P570618)

Dated : 22/08/2023

To,

M/s. PMV AUTOMATION AB,
Korta Gatan 9 S17154 Solna Sweden ,Solna
S17154 SHegde@flowserve.com
SWEDEN

Sub : Approval of Intrinsically Safe Type Electrical Equipments under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. **OIN1425571** dated **12/08/2023** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2017, IEC 60079-11 : 2011**, standards and covered under **DNV GL Presafe AS** Test reports mentioned below is/are approved for use in **Zone 1** of Gas **IIC** hazardous areas coming under the the Petroleum Rules, 2002 administered by this Organization.

Sr. No	Description	Safety Protection	Equipment reference Number	Test Agency			Drawing no
				Name	Certificate No.	Certificate Date	
1	Ultraswitch WS/WM, Model Code N3	Ex ia IIC T4/T5/T6 Ga	P570618/1	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
2	Ultraswitch WS/WM, Model Code N8	Ex ia IIC T4/T5/T6 Ga	P570618/2	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
3	Ultraswitch WS/WM, Model Code NC	Ex ia IIC T4/T5/T6 Ga	P570618/3	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
4	Ultraswitch WS/WM, Model Code NG	Ex ia IIC T4/T5/T6 Ga	P570618/4	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
5	Ultraswitch WS/WM, Model Code MG	Ex ia IIC T4/T5/T6 Ga	P570618/5	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
6	Ultraswitch WS/WM, Model Code NH	Ex ia IIC T4/T5/T6 Ga	P570618/6	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
7	Ultraswitch WS/WM, Model Code NM	Ex ia IIC T4/T5/T6 Ga	P570618/7	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
8	Ultraswitch WS/WM, Model Code NW	Ex ia IIC T4/T5/T6 Ga	P570618/8	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
9	Ultraswitch WS/WM, Model Code NY	Ex ia IIC T4/T5/T6 Ga	P570618/9	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
10	Ultraswitch WS/WM, Model Code PE	Ex ia IIC T4/T5/T6 Ga	P570618/10	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
11	Ultraswitch WS/WM, Model Code PT	Ex ia IIC T4/T5/T6 Ga	P570618/11	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
12	Ultraswitch WS/WM, Model Code NQ	Ex ia IIC T4/T5/T6 Ga	P570618/12	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
13	Ultraswitch WS/WM, Model Code NV	Ex ia IIC T4/T5/T6 Ga	P570618/13	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
14	Ultraswitch WS/WM, Model Code NP	Ex ia IIC T4/T5/T6 Ga	P570618/14	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report
15	Ultraswitch WS/WM, Model Code M1	Ex ia IIC T4/T5/T6 Ga	P570618/15	DNV GL Presafe AS	IECEX PRE 20.0112X issue no. 0	20/04/2021	As per test report

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 DNV GL Presafe AS 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 DNV GL Presafe AS 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 DNV GL Presafe AS Test report and is identical with the one tested and certified at DNV GL Presafe AS 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 DNV GL Presafe AS 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 Flowserve India Controls Pvt Ltd, FLOW CONTROL DIVISION PLOT # 4, 1A, ROAD # 8

This approval also covers the permissible variations as approved under the DNV GL Presafe AS 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 **31/12/2027**

Yours faithfully,

(K. Thiagarajan)
Jt. Chief Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, South Circle Office, CHENNAI
2. Flowserve India Controls Pvt Ltd, FLOW CONTROL DIVISION PLOT # 4, 1A, ROAD # 8

for Chief Controller of Explosives
Nagpur

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

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