



GOVERNMENT OF INDIA  
DEPARTMENT OF EXPLOSIVES

No.R1(1)136/TLCPL/179/I

Nagpur, dated the,

M/s. Taru Lalvani Engrs. Pvt. Ltd.,  
Fluid handling Division,  
28/4B, Kharadi Off Wager Road,  
Pune - 411 014.

11 MAR 1996

Sub:- Approval of flame-proof electrical equipments  
under Petroleum Rules, 1976.

Dear sirs,

Please refer to your letter No. SWJ:CGM:186:95 and  
SRJ:CGM:201:95 dated 11.12.1995.

The following flame-proof electrical equipments manufac-  
tured by you and conforming to IS:2148-1981 are approved for use  
in Division I and II hazardous areas coming under the Petroleum  
Rules, 1976 administered by this department.

Sr. No.	Description	CMR Test Report No. & Date	Drawing Nos,
1.	Flameproof Proximity Sensor Sc 1, rated at 12.0 volts, 0.020 Amps, in brass construction, for use in flammable of Gas Groups of II A & II B.	V/1/1/1197 dt. 18/1/93	I) 0520 00 4000
			II) 0520 00 4301
			III) 0520 00 4606
			IV) 0520 00 4105
			V) 0520 00 4103
			VI) 0520 00 4607
2.	Flameproof cum weather-enclosure for MICROCO-MPI, in cast aluminium alloy LM-6 construction fitted with 4 Nos. Push Buttons and one Glass window, for Digital Display designated Model No.11.	CMR/TC/h633 dt. 13/6/95	I) 0525 00 0000
			II) 0525 00 0501
			III) 0525 00 1502
			IV) 0525 00 3503
			V) 0525 00 4504
			VI) 0525 00 4705
			VII) 0525 00 3506
			VIII) 0525 00 4307
			IX) 0525 00 4608
			X) 0525 00 3110
			XI) 0525 00 4113
			XII) 0525 00 4112
			XIII) 0525 00 4115
			XIV) 0525 00 4116
			XV) 0525 00 4117
			XVI) 0525 00 4111
			XVII) 0525 00 4106

This approval is granted subject to the following conditions:-

1. The equipment is covered under a valid BLS licence.
2. The design and construction of the equipments shall be strictly in accordance with the description, conditions and drawings as mentioned in the CMRS test report referred to above.
3. The equipment shall be used only with approval type of accessories.
4. Each equipment shall be marked either by raised lettering cast integrally or by plate attached to the main structure to indicate conspicuously:-
  - (a) Name of the manufacturer.
  - (b) Name and number by which the equipment is identified.
  - (c) Number and date of the test report of the CMRS applicable to the equipment.
  - (d) Number and date of this letter by which use of the apparatus is approved.
5. A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the CMRS test report and is identical with the one tested and certified at CMRS, shall be furnished with each equipment.
6. The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenance schedule if any recommended by CMRS in their test report and copy of instruction booklets detailing operation and maintenance of the equipments so as to maintain it flameproof/intrinsically safe as the case may be.

This approval also covers the permissible variation as approved under the CMRS test report referred to above. This approval may be deemed to have been revoked with immediate effect if any time, anyone of the condition subjected to which approval has been granted are violated or not complied with. The approval may also be amended or withdrawn at any time if considered necessary in the interest of safety.

This approval is valid for a period of 5 years from the date of issue.

Yours faithfully,

नि. ना. वाडदेकर

( N.N. Waldekar )

Dy. Chief Controller of Explosives  
for Chief Controller of Explosives

Copy forwarded to:-

1. The Directorate General Factory Advice Service and Labour Institute, Central Labour Institute Building, Opp. Eastern Highway, Gion, Bombay.
2. M/s. B.L.S., Bombay.
3. The Jt. Chief Controller of Explosives, West Circle, Bombay.
4. All Circle/Sub-circle offices.

नि. ना. वाडदेकर

for Chief Controller of Explosives.