



GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)  
(Formerly Department of Explosives)  
CGO COMPLEX SEMINARY HILLS  
NAGPUR 440006



Letter No.R1(1)136/EMERSON/172-VII

Email

:explosives@explosives.gov.in

Phone/Fax No.2510248/2510577

Dated : 23/07/2008

To

Daniel Measurement and Control Inc.  
D-11100 Brittmoore Park Drive,  
Houston, TX 77041,  
USA.

**Sub** :Approval of Gas Chromatograph, Model 700.

Dear Sir(s),

The following Intrinsically safe equipment(s) manufactured by you according to CSA-C22.2 & CSA-E60079 standards and covered under CSA Test reports mentioned below is approved for use in Zone 1 , group IIA hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organisation.

| Sno | Description                  | Safety Protection | Agency | Test Report               | Drawing Numbers    |
|-----|------------------------------|-------------------|--------|---------------------------|--------------------|
| 1   | Gas Chromatograph Model 700. | Ex d IIB + H2, T4 | CSA    | 1664959<br>dt. 05/07/2006 | 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 CSA 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 to the main structure to indicate conspicuously.
  - 1) Name of the manufacturer
  - 2) Name and number by which the equipment is identified
  - 3) Number & Date of the test Report of the CSA applicable to the equipment
  - 4) Number & Date of this letter by which use of the apparatus is approved.
- 4 A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the CSA test report and is identical with the one tested and certified at CSA shall be furnished with each equipment.

5 The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by CSA in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Intrinsically safe characteristics

6 The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. Emerson Process Management (India) Pvt.Ltd.,82, Panchal Udyog Nagar,Bhimpore, Naini Daman,Daman,(Dist.) ,Daman & Diu (State)

This Approval also covers the permissible variation as approved under the CSA test report referred above .This approval may be deemed to have been revoked with immediate effect at any time, if any of the conditions subject to which approval has been granted 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 at regular intervals.

This approval is otherwise valid a period of five years from the date of issue.

Yours faithfully,



(R.C. Kaul)

Deputy Chief Controller of Explosives  
for Chief Controller of Explosives  
Nagpur

Copy to :

- 1.The Jt. Chief Controller of Explosives, West Circle, Mumbai.
- 2.M/s. Emerson Process Management (India) Pvt.Ltd.,82, Panchal Udyog Nagar~,Bhimpore, Naini Daman,Daman,(Dist),Daman & Diu (State)

for Chief Controller of Explosives