



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: A/P/HQ/MH/104/3892(P352176)  
Email :explosives@explosives.gov.in  
Phone/Fax No.2510248/2510577  
Dated : 23/2/2015

To  
M/s. Hansford Sensors Ltd.,  
Sands Industrial Estate,  
Bucks  
HP124HJ

**Sub:**Approval of HS-100 series Accelerometer under Petroleum Rules, 2002.

Dear Sir(s),

Please refer to letter No NIL dated 27/01/2014 from M/s. Hansford Sensors, Pune on the above subject.

The following Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2012 & EN 60079-11 : 2012 standards and covered under M/s. Baseefa Test reports mentioned below is approved for use in **Zone 1** of Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sr.No	Description	Safety Protection	CCEs Identification Number	Test House	Test Report No.	Drawing Numbers
1	HS-100 series Accelerometer	Ex ia IIC T4 Ga	P352176/1	M/s. Baseefa	Baseefa07ATEX0144X/2 Dt.10/10/2012	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 M/s. Baseefa Test Reports referred to above
- 2). The equipment shall be used only with approved type of accessories and associated apparatus
- 3). The equipment shall be used only in conjunction with the approved Intrinsically Safe barriers
- 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 & Date of the test Report of the M/s. Baseefa applicable to the equipment
  - (d) CCEs Identification Number 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 M/s. Baseefa test report and is identical with the one tested and certified at M/s. Baseefa shall be furnished with each equipment
- 6). The customer shall be supplied the copy of this letter, an extract of the conditions and

maintenance schedule, if any recommended by M/s. Baseefa in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Intrinsically Safe safety characteristics

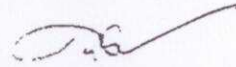
- 7). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. Hansford Sensors, 13 C-1-A Tower Girdhar Nagar, Warje, Pune Maharashtra (State)

This Approval also covers the permissible variation as approved under the M s. Baseefa 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,



(Dr. Yogesh khare )  
Controller of Explosives  
for Chief Controller of Explosives  
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, West Circle, Mumbai
2. M/s. Hansford Sensors, 13 C-1-A Tower Girdhar Nagar, Warje, Pune (Maharashtra)

for Chief Controller of Explosives



भारत सरकार

Government of India

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन  
Petroleum and Explosives Safety Organisation  
(पूर्व नाम-विस्फोटक विभाग)

(Formerly- Department of Explosives)

“ए” ब्लॉक, पाँचवा तल, केन्द्रिय कार्यालय परिसर

“A” Block, 5th Floor, CGO Complex,

सेमीनरि हिल्स, नागपुर- 440006(महाराष्ट्र)

Seminary Hills, Nagpur- 440006

तार “विस्फोटक”, नागपुर

Telegram: ‘EXPLOSIVES’, Nagpur

Website : <http://peso.gov.in>

Email: [explosives@explosives.gov.in](mailto:explosives@explosives.gov.in)

दूरभाष/ Telephone : 0712-2510248

फैक्स/ FAX : 2510577

कार्यालयीन उद्देश्य के सभी पत्रादि “मुख्य विस्फोटक नियंत्रक” के पदनाम से भेजे जाएं, उनके व्यक्तिगत नाम से नहीं।

All communications intended for this Office should be addressed to the ‘Chief Controller of Explosives’ and NOT to him by name.

संख्या/ No A/P/HQ/MH/104/3892(P352176)

नागपुर, दिनांक/ Nagpur, dated.09/02/2016

10 FEB 2016

CORRIGENDUM

Sub:- Approval of HS-100 series Accelerometer – under Petroleum Rules, 2002.

Further to this office approval letter of even number dated 23/02/2015, the description of **Safety Protection** of letter be corrected to read as “**Ex ia IIC T4 Ga and Ex ia IIC T6 Ga respectively**”.

The other terms & conditions already mentioned in this office approval letter no. A/P/HQ/MH/104/3892(P352176) dated 23/02/2015 remain unchanged.

(Dy. Yogesh Khare)

Controller of Explosives

For Chief Controller of Explosives

To,

M/s Hansford Sensors  
304, D-wing, Sai Ambience,  
Pimple Saudagar,  
PUNE-411027, Maharashtra.