



GOVERNMENT OF INDIA
PETROEUM & EXPLOSIVES ORGANISATION (PESO)
MINISTRY OF COMMERCE & INDUSTRY
(Formerly DEPARTMENT OF EXPLOSIVES)
'A' Block 5th CGO COMPLEX SEMINARY HILLS
NAGPUR 440006

No. A/P/HQ/MH/104/461
(P50138)

Dated 19/04/2010

To,

M/s. R. Stahl (P) Ltd.,
9, Arcot Road, Lakshmi Nagar,
Chennai-600116.

22 APR 2010

Sub:- Approval of products for installation in hazardous areas. - Extension of validity tested in compliance to IEC 60079-0 : 2006, IEC 60079-1 : 2004 and IEC 60079-7 : 2003 standards

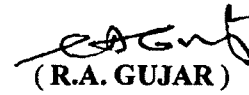
Dear Sirs,

Reference to your letter No. RS/TS/PESO/8003-8013/10-03/0001 dated 17/03/2010.

The approvals issued for the subject equipments vide this office letter dated 06/01/2005 is hereby extended for a further period of five years upto 05/01/2015. The conditions as stipulated in the above referred letters remains unchanged.

The field performance report from actual users/your customers of the subject equipment may please be collected and furnished to this office for verification & record at regular intervals.

Yours faithfully,


(R.A. GUJAR)

Controller of Explosives
for Chief Controller of Explosives



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
DEPARTMENT OF EXPLOSIVES
CGO COMPLEX SEMINARY HILLS
NAGPUR 440006

Letter No: A/P/HQ/MH/104/
461(P50138)

Dated :6/01/2005

To
M/s. R. Stahl Schaltrate GmbH
74638 Waldenburg/Wortt.,
Germany

Sub :Approval of products for installation in Hazardous areas.

Dear Sir(s),

The following equipments manufactured by you according to EN:50014, 18 & 19 20 & 28 standards and coverd under PTB /ERTL /LCIE / ASEV / DMT Test reports mentioned below are approved for use in respective zones detailed against each in Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Department.

A.Following equipments are approved for use in Zone 1 hazardous areas

Sno	Description	Safety Protection	Agency	Test Report	Drawing Numbers
1	Terminal Model ET-3, ET-4, ET5.	EEx ib IIC T4	PTB	Ex-92.C.2144 X Dtd.15/10/1992	As per certificate
2	Loop Powered Indicator Model 9775	Ex ia	ERTL	ERTL(E)/TES/R084/0023/05-01 Dtd.5/6/2002	As per certificate
3	Terminal type Challenger****with transmitter module type TCV 2i	EEx ib IIC T4	DMT	00 ATEX E 089 X Dtd.29/12/2000	As per certificate
4	Panel-mounted indicator light, types 8013/3.2-...-and 8013/3.4-...-	EEx mde IIC and EEx md ia IIC	PTB	02 ATEX 2130 U Dtd.13/9/2002	As per certificate
5	Tank inspection light type 6122/3-12-...-..	EEx de IIC T3 or T4 or T5	LCIE	90.C6124 Dtd.19/11/1990	As per certificate
6	Panel-mounting push-button, types8003/1.1-...-.. and 8003/1.3-...-..	EEx de IIC T6	PTB	02 ATEX 1057 X Dtd.25/11/2002	As per certificate
7	Panel-mounting pushbutton, types 8003/1.2-...-.. and 8003/1.4-...-..	EEx de IIC	PTB	02 ATEX 1080 U Dtd.25/11/2002	As per certificate
8	Panel mounted indicator light Type 8013/3.1-...- and Type 8013/3.3-...-	EEx mde IIC T6 and EEx md ia IIC T6	PTB	02 ATEX 2131 X Dtd.13/9/2002	As per certificate
9	Display Unit Exicom ET-8A	EEx me [ib] IIC T4	PTB	01 ATEX 2127 Dtd.11/7/2002	As per certificate
10	Terminal Box, Type Series 8125/1...-...and 8125/2-...-...	EEx edm [ia] IIC T4/5/6 or Eexia/ib IIA/IIB/IIC T6	PTB	00 ATEX 3116 Dtd.19/5/2000	As per certificate

P.T.O.

B. Following equipments are approved for use in Zone 2 hazardous areas

1	Plugs and sockets STAHL, 7575/.....	EEx nAC IIC T6/T5	ASEV	99.1 10215.01 Dtd.9/8/1999	As per certificate
2	Compact emergency light fitting STAHL, 6508/.....	EEx nAC IIC T4	ASEV	99.1 10381.01 Dtd.12/10/1999	As per certificate
3	Plug and sockets Type STAHL, 7578/.....	EEx nAC IIC T6/T5/T4	ASEV	99.1 10215.03 Dtd.8/9/1999	As per certificate
4	Plug and sockets Type STAHL, 7579/.....	EEx nAC IIC T6/T5/T4	ASEV	99.1 10215.04 Dtd.8/9/1999	As per certificate

C. The undermentioned associated apparatus is approved for use in safe area with IS terminal permitted to be used in Zone 2 hazardous areas

1	TRX. Supply Unit Model No. 9303/13- 22-11	Ex ia	ERTL	ERTL(E)/TES/R084/0250/01-01 Dtd.17/5/2001	As per certificate
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This approval is subject to following conditions

- 1 The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the 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
 - 1) Name of the manufacturer
 - 2) Name and number by which the equipment is identified
 - 3) Number & Date of the test Report applicable to the equipment
 - 4) Number & 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 test report and is identical with the one tested and certified 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 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 R Stahl Pvt Ltd, ,CHENNAI (Dist.) ,Tamil Nadu (State)

This Approval also covers the permissible variation as approved under the test report referred above. This approval may be deemed to have been revoked with immediate effect at any time, if any one 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.

This Supersedes this office earlier approval of even No. dated 22/12/2003.

Yours faithfully,

(R.C.Kaul)

Dy. Chief Controller of Explosives
For Chief Controller of Explosives

Copy to :

1. All Circle Offices.
2. M/s R Stahl Pvt Ltd, 9 Arcot Road, Lakshmi Nagar Porur, Chennai, CHENNAI (Dist), Tamil Nadu (State)

for Chief Controller of Explosives