



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/R.Stahl/266-IV
Email :cceo@nag.mah.nic.in
Phone/Fax No.2510248/2510577
Dated : 15/09/2010

To

M/s. R. Stahl Schaltgerate GmbH,
D 74638 Waldenburg,
Germany.

Sub : Approval of Isolators Series 91 XX, Field Device Couplers 92 XX, Terminators, Remote HMI etc.

Dear Sir(s),

Please refer to your letter No. STAHL/PESO/2010-03 dated 25/08/2010.

The above equipments manufactured by you according to EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003, & EN 60079-11:2007 standards of description and certification as mentioned in the Annexure I (Sr. No. 1 to 19) are approved for use in Zone 2 hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organisation.

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 DMT/BVS/PTB/TUV 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 DMT/BVS/PTB/TUV applicable to the equipment.
 - 4) Number and date of this letter by which use of 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 DMT/BVS/PTB/TUV Test report and is identical with the one tested and certified 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 DMT/BVS/PTB/TUV in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its increased safety characteristics.
- 6 The After Sales Service and maintenance of subject equipment shall be looked after by your representative M/s. R. Stahl (P) Ltd., 9, Arcot Road, Lakshmi Nagar, Porur, Chennai.

Contd...2/-

This approval also covers the permissible variations as approved under the DMT/BVS/PTB/TUV test report referred to 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 be collected and furnished to this office for verification and record at regular intervals.

The approval otherwise is valid for a period of five years from the date of issue of this approval.

Yours faithfully,


(R. A. GUJAR)

Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy forwarded to:-

1. M/s. R. Stahl (P) Ltd., 9, Arcoat Road, Lakshmi Nagar, Porur, Chennai-600116.
2. The Jt. Chief Controller of Explosives, West Circle, Mumbai, East Circle, Kolkata, South Circle, Chennai, North Circle, Faridabad, Central Circle, Agra.

for Chief Controller of Explosives

ANNEXURE

SI	Description as per EC type cert.	Marking as per EC	EC Type certificate No & Date	Manufacturer Conformity cert. No & Date
1	Transmitter supply unit type 9160/**-1*-11	Ex nA nC [ia] IIC T4	DMT 03 ATEX E 010 X. Dtd5/2/2003	PTB96ATEXQ006-4 Dtd3/3/2008
2	Isolating Repeater HART Input Type 9163/*3-1*-11q	Ex nA nC [ia] IIC T4	BVS 04 ATEX E 127 X Dtd4/6/2004	PTB96ATEXQ006-6 Dtd12/8/2009
3	Power Supply Type 9143/10-**-**-*0	[Ex ib] IIC/IIB, Ex nA II T4	BVS 05 ATEX E 152 X Dtd 10/10/2005	PTB96ATEXQ006-3 Dtd01/12/2004
4	Frequency Transmitter Type 9146/*0-1*-1*	Ex nAc nCc [ia] IIC T4, [Ex ia] IIC	BVS 05 ATEX E 171 X Dtd 18/11/2005	BVS 07ATEX ZQS/E142 Dtd04/11/2009
5	Isolating Repeater Type9165/**-11-**-	Ex nA nC [ia] IIC T4, Ex nA nC II T4	DMT 03 ATEX E 012 X Dtd05/02/2003	PTB96ATEXQ006-4 Dtd3/3/2008
6	Isolating Repeater Loop Power Type9167/**-11-**-	Ex nA nC [ia] IIC T4 Ex nA nC II T4	BVS 04 ATEX E 082 X Dtd14/04/2004	PTB96ATEXQ006-4 Dtd3/3/2008
7	Switching Repeater Type 9170/**-**-**	[Ex ia] IIC, [Ex ia] IIC, Ex nAc nCc [ia] IIC T4	DMT 02 ATEX E 195 X Dtd 18/10/2002	PTB96ATEXQ006-6 Dtd24/6/2009
8	I.S Relay Module Type 9172/**-11-00	Ex nA nC [ia] IIC T4	BVS 04 ATEX E 097 X Dtd 12/07/2004	PTB96ATEXQ006-6 Dtd14/8/2009
9	Binary Output Type 9175/*0-1*-1*	Ex nA nC [ia] IIC T4	DMT 03 ATEX E 043 X Dtd 24/2/2003	PTB96ATEXQ006-4 Dtd12/9/2008
10	Digital Output Loop Powered Type 9176/*0-1*-00	Ex nA nC [ia] IIC T4	BVS 04 ATEX E 075 X Dtd 14/04/2004	PTB96ATEXQ006-6 Dtd22/6/2009
11	Temperature TransmitterType 9182/*0-5*-1*	Ex nAc nCc [ia] IIC T4	DMT 03 ATEX E 243 X. Dtd25/11/2002	PTB96ATEXQ006-6 Dtd24/8/2009
12	Fibre Optic Isolating Repeater Type 9186/12-11-1*	Ex e m ib [ia, op is] IIC T4	BVS 06 ATEX E 145 X Dtd 01/12/2006	PTB96ATEXQ006-4 Dtd17/10/2007
13	I.S. Pac System-Base Type 919*	Ex nA nC IIC T4	BVS 03 ATEX E 213 X Dtd11/8/2003	PTB96ATEXQ006-4 Dtd18/9/2008
14	Field Device Coupler Type 9411/11-2**-*0	Ex mb e II T4	BVS 06 ATEX E 003 X Dtd16/01/2006	PTB96ATEXQ006-6 Dtd10/02/2009
15	Field Device Coupler Type 9411/21-2**-*1	Ex mb e ib [ia] IIC/IIB T4	BVS 06 ATEX E 004 X Dtd23/01/2006	Dtd16/7/2010
16	Field Bus Power Supply Type 9412/00-3*0-11	Ex nAc nCc [ia] IIC T4	BVS 09 ATEX E 099 X Dtd05/8/2009	Dtd17/08/2009
17	DIGITAL I/O COUPLER Type 9413/2*-21*-84-FF	Ex mb e [ia] IIC T4	PTB 07 ATEX 2029 Dtd01/11/2007	PTB96ATEXQ006-4 Dtd23/11/2007
18	FIELD BUS TERMINATOR Type 9418/-...-..	Ex mb II T6/T5	PTB 07 ATEX 2053 Dtd15/11/2007	PTB96ATEXQ006-4 Dtd22/01/2008
19	EXICOM ET-306, ET-316, ET-336, ET-406, ET-416, ET-436	Ex d e mb ib [ib] [op is] IIC T4	TUV 05 ATEX 7176 X Dtd25/10/2005	Dtd25/05/2009



Handwritten signature/initials



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SPEED POST

Letter No: R1(1)136/R. Stahl/266-IV

Email :explosives@explosives.gov.in

Phone/Fax No.2510248/2510577

Dated : 27/09/2010

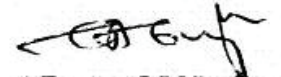
CORRIGENDUM

Sub: Approval of Isolators Series 91 XX, Field Device Couplers 94 XX, Terminators, Remote HMI etc.

Reference letter No. STAHL/PESO/2010-07 daed 21/09/2010 from M/s. R. Stahl (P) Ltd., on the above subject.

The approval issued vide this office letter of even no. dated 15/09/2010 also include the additional conditions No. 7 that the approved associated apparatus can be connected to other intrinsically safe apparatus in Zone 1 areas covered in this approval

Yours faithfully,


(R.A. GUJAR)

Controller of Explosives
for Chief Controller of Explosives

To

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