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Government of India

Ministry of Consumer Affairs, Food and Public Distribution

Department of Consumer Affairs

New Delhi, Dated the 1/6/2012

Notification

S.O.--- Whereas the Central Government, after considering the report submitted to it along with the model approval certificate issued by SP Technical Research Institute of Sweden, is satisfied that the model described in the said report (see the figure given below) is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval of Models) Rules, 2011 and the said model is likely to maintain its accuracy over periods of sustained use and to render accurate service under varied conditions;

Now, therefore, in exercise of the powers conferred by the second proviso to section 22 of the Legal Metrology Act, 2009 (1 of 2010) and sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, the Central Government hereby issues and publishes the certificate of approval of the model of "Raptor tank gauging system" (hereinafter referred to as the said model), manufactured by M/s Emerson Process Management, Rosemount Tank Radar AB, Box 130 45, SE-402 51, Göteborg, Sweden and marketed in India without any alteration before or after sale by M/s Rosemount Tank Gauging Pvt Ltd, 5th Floor, Plot N 23, Rajiv Gandhi Infotech Park, Phase II, Hinjewadi, Pune-411057 and which is assigned the approval mark IND/13/12/19;

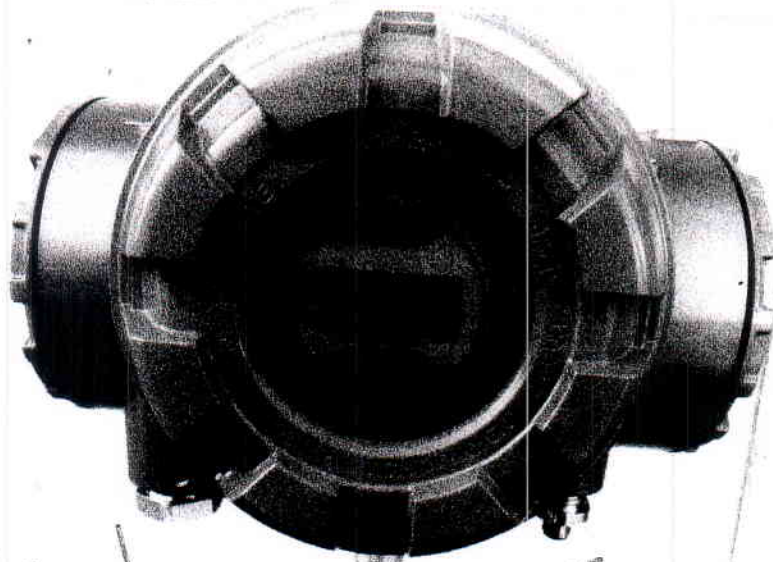
The technical specifications of the instrument are:

Measuring range	0.8 to 30m for all antenna types
Power Supply	24-48 VDC or 48-240 VAC
Ambient temperature	-40 to +70 °C P425/cors

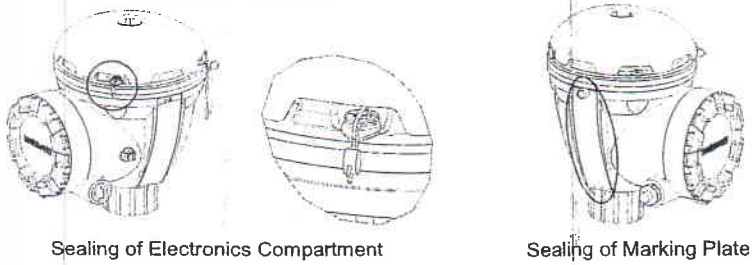
The main components are

- 5900S Radar Level Gauge with different antennas
 - Antenna type Model
 - Parabolic antenna 1P
 - Horn Antenna 1H
 - Still-pipe array antenna 1A5, 1A6, AA8, 1AA, 1AB
 - LPG/LNG antenna G1/G2
- 2410 Tank Hub
- 2230 Graphic Field Display
- 2160/61 Field Communication Unit
- 21890 Field Bus Modem
- Software "TankMaster"

Figure 1.

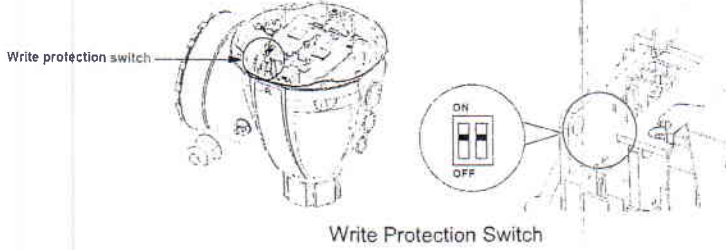


Rosemount 5900S



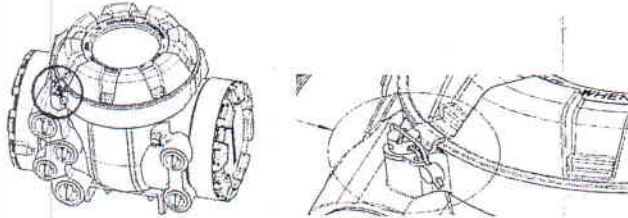
Sealing of Electronics Compartment

Sealing of Marking Plate



Write Protection Switch

Rosemount 2410



Sealing of Electronics Compartment



Write Protection Switch

Figure 2 Schematic Diagram of sealing provision of the model

The electronics compartments of Rosemount 5900S and 2410 are sealed. The software can be write protected, in order to prevent unauthorized changes, in TankMaster WinSetuo PC software, access level administrator. Optionally write protection switches inside the electronics compartments of Rosemount 5900S and 2410 are also available. A typical schematic diagram of sealing provision of the model is given above.

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B. N. Dixit

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Director (Legal Metrology) to Government of India