

के० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ - CIMFR TESTING CELL
सीएसआईआर - केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)



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परीक्षण प्रमाण पत्र - **TEST CERTIFICATE**

[FORM NO.: CIMFR: DQM: FLP02: F-02]
(Flame & Explosion Lab.)

I.D No. 399/13

CODE NO FLP/99 A/13-14

FIRST SCHEDULE

[For association with the report of test sent (under cover of this office Letter No CIMFR/TC/P/H765 Dated 31st March, 2015) to M/s. Trolex Ltd., Newby Road, Hazel Grove, Stockport, SK7 5DY, UK in respect of testing as regards intrinsic safety of the equipment mentioned below submitted by them for testing]

NAME & DESCRIPTION OF THE APPARATUS: The name of the apparatus is **TX6114 Pressure Sensor/Transmitter** and **TX5814 Submersible Level Sensor/Transmitter**.

The TX6114 Pressure Sensor/Transmitter and TX5814 Submersible Level Sensor/Transmitter are designed to produce an output signal 4-20mA (two wire). The transmitter comprises a pressure sensor assembly, an amplifier board and an RFI board. All these boards are housed in a stainless steel enclosure. The cable for TX6114 Pressure Sensor/Transmitter is connected through connector/flexible conduit connection and having IP65 weatherproof protection. The cable for TX5814 Submersible Level Sensor/Transmitter is connected through flexible cable (maximum cable length 150mtrs.) and having IP68 weatherproof protection. The input supply to the above sensor/transmitter is fed through its terminals from certified & approved intrinsically safe suitable power supply or barrier or isolator.

APPLICANT: M/s. Trolex Ltd.,
Newby Road, Hazel Grove, Stockport,
SK7 5DY, **United Kingdom**.

MANUFACTURER: GEMS SENSORS,
(Division of Danaher UK Ind Ltd.),
Lennox Road, Basingstoke,
Hants, RG224AW.