

**Project title:**

Advice on electrical safety parameters of Three Nos. Partially Purged Control Panel Ex 'p' in size of 1600mmx800mmx2000mm, 1000mmx800mmx1600mm and 800mmx800mmx1600mm as per IS/IEC 60079:2-2007 and NFPA-496-2017 suitable for use in hazardous area of M/s. Electronic Instrumentation & Control Pvt. Ltd., Ahmedabad (Gujarat)

**Project No.:**

CNP/4940/2019-20.

**Executive Summary:**

CSIR-CIMFR has undertaken the project of evaluation of electrical safety parameters of Three Nos. Partially Purged Control Panel Ex 'p' in size of 1600mmx800mmx2000mm, 1000mmx800mmx1600mm and 800mmx800mmx1600mm for the period of one year, from 27/01/2020 to 25/01/2021. Based on the evaluation, minimum time required for pre start purging of panels 1600mmx800mmx2000mm, 1000mmx800mmx1600mm and 800mmx800mmx1600mm are 31 min, 19 min and 13 min respectively.