## **Project title:**

Assessment and Technical Surface Advice on Temperature Rise Classification of Flameproof 850KW, Motor Rated 6.6KV/2P, Frame Size: 1MJ7714-2, For use in Zone 1 & 2 for Gas group IIC atmosphere.

## **Project No.:**

SSP/410/2019-20

## **Executive Summary:**

CSIR-CIMFR has undertaken the project of evaluation studies for the conformity of one flameproof motors with respect to the assessment of its temperature classification at M/s BHEL Bhopal for the period of one year , from 14/08/2019 to 12/08/2020. The surface temperature classification of of flameproof Ex'd' motor Rated 850KW, 6.6KV/2P, Frame Size: 1MJ7714-2 is evaluated as 'T6' at  $40^{0}$ C ambient maximum.