

<p><b>Project title:</b></p> <p>Assessment and Advice on T-Class and overpressure of Flameproof Motor Rated 700KW, 6.6KV/2P, Frame Size: E630L, For use in hazardous area.</p> <p><b>Project No.:</b></p> <p>SSP/429/2019-20</p>	<p><b>Executive Summary:</b></p> <p>CSIR-CIMFR has undertaken the project of evaluation studies for the conformity of one flameproof motor with respect to the assessment of its temperature classification and overpressure at M/s C G power and industries Solution, Bhopal for the period of one year, from 03/12/2019 to 01/12/2020. The surface temperature classification of flameproof Ex'd' motor Rated 700KW, 6.6KV/2P, Frame Size: E630L is evaluated as 'T6' at 40<sup>0</sup>C ambient maximum. The overpressure on the motor enclosure is conducted at 21 kg/cm<sup>2</sup> without any damage and deformation.</p>
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