

## Certificate

This is to certify that the thesis titled **Development of submerged arc welding fluxes for welding of linepipe steel** submitted by Lochan Sharma (P15ME002) to the Indian Institute of Technology, Jodhpur for the award of the degree of Doctorate of Philosophy is a bonafide record of the research work done by him under my supervision. To the best of my knowledge, the content of this report, in full or in parts, have not been submitted to any other Institute or University in India or abroad for the award of any degree or diploma.



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