

Modelling Tools for Efficient Design of Mechanical Properties of Ferritic Steel Welds

A THESIS

Submitted

in the partial fulfillment of the requirements for the award of the degree of

DOCTOR OF PHILOSOPHY

in

Metallurgical and Materials Engineering

By

Bharat Jagjivandas Chauhan

Guide

Dr. S. N. Soman



Department of Metallurgical and Materials Engineering

Faculty of Technology and Engineering The

Maharaja Sayajirao University of Baroda

Vadodara, Gujarat

June 2019

Modelling Tools for Efficient Design of Mechanical Properties of Ferritic Steel Welds

A Thesis Submitted to
The Maharaja Sayajirao University of Baroda

For the award of the degree of
Doctor of Philosophy
In
Metallurgical and Materials Engineering

By
Bharat Jagjivandas Chauhan
[Registration no. 196]

Guide
Dr. S. N. Soman
Professor



Department of Metallurgical and Materials Engineering
Faculty of Technology and Engineering The
Maharaja Sayajirao University of Baroda
Vadodara, Gujarat
June 2019