ISO 15609-5:2011-10 (E)

Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 5: Resistance welding

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Technical contents of welding procedure specification 2
4.1 General 2
4.2 Product manufacturer 2
4.3 Parent materials 2
4.3.1 Composition 2
4.3.2 Dimensions 2
4.4 Common to all welding procedures 2
4.4.1 Welding process 2
4.4.2 Machine specification 3
4.4.3 Joint design 3
4.4.4 Surface and edge preparation 3
4.4.5 Welding technique 4
4.4.6 Resistance welding electrodes and auxiliaries 4
4.4.7 Machine parameters and control settings 4

Annex A (informative) Example of a WPS -- I: Planned process requirements 5

Annex B (informative) Example of a WPS -- II: Quality acceptance criteria 6

Annex C (informative) Example of a WPS -- III: Welding machine set-up 7

Annex D (informative) Examples of parameters in resistance welding 8

Bibliography 13