DIN EN ISO 15614-3:2008-06 (E)

Specification and qualification of welding procedures for metall ic materials - Welding procedure test - Part 3: Fusion welding of non-alloyed and low-alloyed cast irons (ISO 15614-3:2008)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Welding processes 7

5 Preliminary welding procedure specification 7

6 Welding procedure test 7

7 Test piece 7
7.1 General 7
7.2 Shape and dimensions of test piece 8
7.3 Welding of test piece 8

8 Examination and testing 9
8.1 Extent of testing 9
8.2 Location and taking of test specimens 10
8.3 Non-destructive testing 10
8.4 Destructive tests 10
8.5 Acceptance criteria 11
8.6 Re-testing 11

9 Range of qualification 11
9.1 General 11
9.2 Qualification related to the manufacturer 11
9.3 Qualification related to the material 12
9.4 Qualification common to all welding procedures 14
9.5 Qualification specific to processes 16

10 Welding procedure qualification record form 17

Annex A (informative) Welding procedure qualification record form 18

Bibliography 21