

CERTIFICATION
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**CERTIFICATION
MANUAL**

**For
Welding Inspectors**

Fourth Edition



American Welding Society

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Contents

| | Page No. |
|--|-----------|
| Chapter 1—The Welding Inspector | 1 |
| Introduction | 2 |
| Important Qualifications for the Welding Inspector..... | 3 |
| Physical Condition | 3 |
| Vision | 3 |
| Professional Attitude..... | 3 |
| Knowledge of Welding and Inspection Terminology | 3 |
| Knowledge of Drawings and Specifications | 4 |
| Knowledge of Testing Methods | 4 |
| Ability to Produce and Maintain Records..... | 4 |
| Knowledge of Welding Processes..... | 4 |
| Ability to be Trained..... | 4 |
| Inspection Experience..... | 4 |
| Ethical Requirements for the Welding Inspector | 5 |
| Introduction..... | 5 |
| Preamble | 5 |
| Integrity..... | 5 |
| Responsibility to the Public | 5 |
| Public Statements..... | 5 |
| Conflict of Interest | 5 |
| The Solicitation of Employment..... | 6 |
| Unauthorized Practice..... | 6 |
| Establishing Lines of Communication | 6 |
| Reporting Supervisor | 6 |
| Welders | 7 |
| Welding Foremen or Supervisors..... | 7 |
| Shop or Field Superintendent | 8 |
| Plant Manager | 8 |
| Design/Project Engineers..... | 8 |
| Welding Engineer..... | 8 |
| Summary | 8 |
| Review—Chapter 1—The Welding Inspector | 9 |
| Figure 1.1—Industries Utilizing Welding Inspectors..... | 2 |
| Figure 1.2—The Welding Inspector—A Communicator | 6 |
| Figure 1.3—Establishing Lines of Communication..... | 7 |
| Chapter 2—Welding Inspector Responsibilities | 11 |
| Introduction | 12 |
| Inspection Responsibilities Before Welding..... | 12 |
| Inspection Responsibilities During Welding | 12 |
| Inspection Responsibilities After Welding | 12 |
| Inspection Responsibilities Before Welding | 12 |
| Knowledge of Drawings and Standards..... | 12 |
| Purchase Specifications Check | 14 |
| Job Material Verification..... | 14 |
| Chemical Analysis and Mechanical Properties Tests | 14 |
| Base Metal Defects Investigation..... | 16 |
| Condition and Storage of Filler Materials Check | 16 |

| | |
|---|-----------|
| Welding Equipment Check | 16 |
| Weld Joint Edge Geometry Check | 16 |
| Weld Joint Fit Check..... | 17 |
| Weld Joint Cleanliness Check..... | 17 |
| Welding Procedure Qualification Check..... | 17 |
| Welder Qualification Check..... | 17 |
| Preheat Temperature Check | 17 |
| Welding Inspector Responsibilities During Welding..... | 18 |
| Check Production Welding for Compliance with Welding Procedure | 18 |
| Check the Quality of Individual Passes | 18 |
| Check Interpass Cleaning | 19 |
| Check Interpass Temperature..... | 19 |
| In-Process Nondestructive Examination (NDE) | 19 |
| Welding Inspector Responsibilities After Welding..... | 20 |
| Check Final Weld Appearance..... | 20 |
| Check Final Weld Sizes and Lengths..... | 20 |
| Check Dimensional Accuracy of Completed Weldment | 23 |
| Selection of Production Test Samples..... | 23 |
| Evaluation of Test Results..... | 23 |
| Final Nondestructive Examination..... | 23 |
| Maintaining Records and Reports..... | 23 |
| Review—Chapter 2—Welding Inspector Responsibility | 24 |
| Figure 2.1—Knowledge of Drawings and Standards is Important | 13 |
| Figure 2.2—Typical Example of a Mill Test Report | 15 |
| Figure 2.3—Electrode Oven..... | 16 |
| Figure 2.4—Temperature-Sensitive Crayon for Measuring Metal Temperature..... | 18 |
| Figure 2.5—Tong Test Ammeter..... | 18 |
| Figure 2.6—Proper Cleaning Between Weld Passes..... | 19 |
| Figure 2.7—Cross Section of a Partial Penetration Groove Weld with Heavy Slag Inclusion | 19 |
| Figure 2.8—Magnetic Particle Testing of a Partially Filled Groove Weld | 20 |
| Figure 2.9—Evaluating Size with a Fillet Weld Gauge | 21 |
| Figure 2.10—Acceptable and Unacceptable Weld Profiles | 22 |
| | |
| Chapter 3—Safety..... | 27 |
| Introduction | 28 |
| Management’s Responsibility..... | 28 |
| The Working Environment | 28 |
| Eye and Face Protection..... | 29 |
| Oxyfuel Gas Welding, Cutting, Brazing, Soldering, and Submerged Arc Welding | 29 |
| Protective Clothing | 29 |
| Ear Protection | 30 |
| Fumes and Gases | 30 |
| Confined Spaces..... | 31 |
| Handling of Compressed Gases..... | 32 |
| Gases | 32 |
| Oxygen..... | 32 |
| Fuel Gases..... | 32 |
| Fuel Gas Fires | 33 |
| Shielding Gases..... | 33 |
| Electric Shock | 33 |
| Review Chapter 3—Safety..... | 34 |
| Table 3.1—Lens Shade Selector..... | 30 |

| | |
|--|----|
| Figure 3.1—Designated Welding Area | 28 |
| Figure 3.2—Eye, Ear, and Face Protective Equipment | 29 |
| Figure 3.3—Movable Fume Extractor Positioned Near the Welding Arc..... | 31 |

Chapter 4—Standards, Including Codes and Specifications 37

| | |
|---|----|
| Introduction | 38 |
| Requirements of Standards, Codes, and Specifications | 38 |
| Codes Important to Welding | 39 |
| Structural Welding Code—Steel (AWS D1.1)..... | 39 |
| Other AWS Structural Welding Codes (D1.2, D1.3, D1.4, D1.5, and D1.6)..... | 39 |
| ASME Boiler and Pressure Vessel Code (PVC)..... | 40 |
| Definition of Inspector | 40 |
| Codes and Materials..... | 40 |
| Codes and Procedures..... | 41 |
| Codes and Personnel..... | 41 |
| Codes and Nondestructive Examination (NDE)..... | 41 |
| ASTM Standards..... | 41 |
| API Standards | 41 |
| Military Standards..... | 41 |
| ANSI Standards | 41 |
| AWS Filler Metal Specifications | 42 |
| Summary | 43 |
| Review—Chapter 4—Standards, Including Codes and Specifications | 44 |
| Table 4.1—Nondestructive Testing Methods—D1.1 Code Reference..... | 39 |
| Table 4.2—ASME Boiler and Pressure Vessel—Code Reference..... | 40 |
| Table 4.3—Alphabetic Index to AWS Filler Metal Specifications | 42 |
| Table 4.4—Numeric Index to AWS Filler Metal Specifications..... | 43 |

Chapter 5—Weld Geometry and Welding Terminology..... 47

| | |
|---|----|
| Introduction | 48 |
| Types of Joints | 48 |
| Parts of the Weld Joint | 48 |
| Types of Welds | 51 |
| Parts of Completed Welds..... | 53 |
| Fusion and Penetration Terminology | 55 |
| Weld Size Terminology | 55 |
| Weld Application Terminology | 56 |
| Summary | 60 |
| Review—Chapter 5—Weld Joint Geometry and Welding Terminology | 61 |
| Figure 5.1—Joint Types | 49 |
| Figure 5.2—Groove Weld | 50 |
| Figure 5.3—Fillet Weld..... | 51 |
| Figure 5.4—Groove Welds..... | 52 |
| Figure 5.5—Edge Weld..... | 52 |
| Figure 5.6—Spot Welds | 53 |
| Figure 5.7—Seam Welds..... | 53 |
| Figure 5.8—Plug and Slot Welds | 53 |
| Figure 5.9—Surfacing Weld..... | 54 |
| Figure 5.10—Parts of a Weld | 54 |
| Figure 5.11—Parts of a Weld | 55 |
| Figure 5.12—Fusion Welds..... | 56 |

| | |
|---|----|
| Figure 5.13—Incomplete Joint Penetration or Partial Joint Penetration | 56 |
| Figure 5.14—Heat-Affected Zone..... | 56 |
| Figure 5.15—Joint Penetration..... | 57 |
| Figure 5.16—Unequal Leg Fillet Weld | 57 |
| Figure 5.17—Fillet Welds | 58 |
| Figure 5.18—Size of Seam or Spot Weld..... | 58 |
| Figure 5.19—Cross-Sectional Welding Sequence..... | 58 |
| Figure 5.20—Weld Beads..... | 58 |
| Figure 5.21—Welding Sequences | 59 |
| Figure 5.22—Intermittent Fillet Welds | 60 |
| Figure 5.23—Boxing..... | 60 |

Chapter 6—Welding and Nondestructive Examination Symbols..... 71

| | |
|---|-----------|
| Introduction | 72 |
| Elements of the Welding Symbol..... | 72 |
| Reference Line | 72 |
| Arrow | 73 |
| Basic Weld Symbols | 73 |
| Dimensions and Other Data..... | 74 |
| Supplementary Symbols | 82 |
| Finish Symbols | 87 |
| The Tail of the Symbol | 87 |
| Specifications, Process, or Other Reference | 87 |
| Brazing Symbols..... | 87 |
| Nondestructive Examination (NDE) Symbols..... | 89 |
| Summary | 91 |
| Review—Chapter 6—Welding and Nondestructive Examination Symbols | 94 |
| Table 6.1—Designations and Abbreviations of NDE Testing Processes | 91 |
| Figure 6.1—Standard Location of Elements of a Welding Symbol | 73 |
| Figure 6.2—Arrow Location Significance | 74 |
| Figure 6.3—Weld Symbols | 75 |
| Figure 6.4—Specification of Groove Weld Size and Depth of Bevel | 76 |
| Figure 6.5—Groove Weld Symbol with Combined Dimensions | 77 |
| Figure 6.6—Symmetrical Groove Welds with Backgouging | 77 |
| Figure 6.7—Specification of Size and Length of Fillet Welds..... | 78 |
| Figure 6.8—Applications of Intermittent Fillet Weld Symbols | 79 |
| Figure 6.9—Applications of Information to Plug Weld Symbols..... | 80 |
| Figure 6.10—Applications of Information to Spot and Seam Weld Symbols | 81 |
| Figure 6.11—Applications of Back or Backing Weld Symbol | 83 |
| Figure 6.12—Applications of Surfacing Weld Symbol..... | 84 |
| Figure 6.13—Applications of Stud Weld Symbols | 85 |
| Figure 6.14—Supplementary Symbols | 85 |
| Figure 6.15—Applications of Weld-All-Around Symbol..... | 86 |
| Figure 6.16—Applications of Field Weld Symbols | 87 |
| Figure 6.17—Applications of Melt-Through Symbol..... | 88 |
| Figure 6.18—Joints with Backing or Spacers | 89 |
| Figure 6.19—Consumable Insert Symbol..... | 89 |
| Figure 6.20—Applications of Flush and Convex Contour Symbols | 90 |
| Figure 6.21—Supplementary Data Shown in the Tail of the Welding Symbol..... | 91 |
| Figure 6.22—Multiple Reference Lines..... | 91 |
| Figure 6.23—Applications of Brazing Symbols | 92 |
| Figure 6.24—Location of Elements of a Nondestructive Examination Symbol | 93 |

Chapter 7—Weldability, Welding Metallurgy, and Welding Chemistry..... 107

Introduction 108

Welding Metallurgy 109

 Solids vs. Liquids..... 109

 Melting and Freezing 109

 Welds Under the Microscope..... 110

 Other Metallurgical Factors 114

 Thermal Expansion 115

 Diffusion 117

 Solid Solubility 118

Welding Chemistry 118

 Shielding 118

 Weld Metal Composition 119

 Welding Chemistry of Specific Base Metals 121

 Carbon Equivalent Calculation 121

 Welding Chemistry of Stainless Steels 121

 Welding Chemistry of Aluminum Alloys 123

 Welding Chemistry of Copper Alloys..... 123

 Welding Chemistry of the Reactive Metals 123

Summary 124

Review—Chapter 7—Weldability, Welding Chemistry, and Welding Metallurgy 125

Table 7.1—Typical Thermal Stress Relief Heat Treatments..... 116

Figure 7.1—Solid State vs. Liquid State of Metals..... 109

Figure 7.2—Position of Atoms in the Solid State 109

Figure 7.3—Increase in Temperature Causes Atom “Breakaway” 110

Figure 7.4—Heat Loss Causes Atoms to “Settle Down” and Liquid Metal to Solidify 110

Figure 7.5—Photomicrograph of Commercially Pure Iron, Nominally Called Ferrite (No Carbides are Present, the Acid Etch Reveals Grain Boundaries, and the Dark Globules are Nonmetallic Inclusions)..... 111

Figure 7.6—Typical Lamellar Appearance of Pearlite (1500X Etchant:Picral) 111

Figure 7.7—Quenched Martensite Showing Acicular Structure (500X Etched) 112

Figure 7.8—Transformation of Steels to Austenite on Heating..... 112

Figure 7.9—Common Crystalline Structures of Metals and Alloys 112

Figure 7.10—Variation of Cooling Conditions in a Weld as a Function of Preheat; Diagram Includes Some of the Property Changes Brought About by These Conditions (Also Shown is a CCT Diagram for a Steel, to Illustrate Why the Cooling Conditions Promote the Property Changes) 113

Figure 7.11—Effects of Tempering..... 113

Figure 7.12—Relation Between the Peak Temperatures Experienced by Various Regions in a Weld, and How These Correlate with the Iron-Carbon Phase Diagram..... 114

Figure 7.13—Thermal Expansion 115

Figure 7.14—Shrinkage in a Weld Caused by Internal Restraint (Also Shown is the Nature of Residual Stress) 116

Figure 7.15—Peening the Middle Weld Layer Distributes and Balances Distortion..... 117

Figure 7.16—An Example of Migrating or Diffusing Atoms 117

Figure 7.17—Chemical Interactions While Welding 119

Figure 7.18—Common Elements that can Cause Problems 119

Figure 7.19—Shielded Metal Arc Welding..... 120

Figure 7.20—Self-Shielded Flux Cored Arc Welding 120

Figure 7.21—Schematic View of Submerged Arc Welding Processes 120

Figure 7.22—Corrosion by Intergranular Attack (IGA) Caused by Sensitization of the HAZ..... 122

Figure 7.23—For Stabilization Heat Treatment Use 1500°F, No Quench Needed..... 123

Figure 7.24—Prevention of Corrosion in Welded Stainless Steel..... 123

Figure 7.25—Welding in a Controlled Atmosphere..... 124

| | |
|--|------------|
| Chapter 8—Destructive Testing | 129 |
| Introduction | 130 |
| Tensile Testing..... | 131 |
| Hardness Testing..... | 136 |
| Toughness Testing..... | 139 |
| Soundness Testing..... | 143 |
| Destructive Tests for Chemical Properties | 149 |
| Metallographic Testing..... | 150 |
| Metric Conversions..... | 151 |
| Scientific Notation Examples | 151 |
| Examples of Prefixes for Powers of Ten..... | 151 |
| Review—Chapter 8—Destructive Testing..... | 157 |
| Table 8.1—Brinell Hardness Numbers..... | 138 |
| Table 8.2—Rockwell Standard Hardness | 140 |
| Table 8.3—SI Prefixes..... | 151 |
| Table 8.4—Commonly Used Metric Conversions..... | 152 |
| Table 8.5—General Conversions..... | 154 |
| Table 8.6—Conversions for Common Welding Terms..... | 156 |
| Figure 8.1—Inspectors Must Be Able to Interpret Data from a Variety of Tests..... | 130 |
| Figure 8.2—Round Tensile Specimens | 132 |
| Figure 8.3—Transverse Rectangular Tension Test Specimen (Plate) | 133 |
| Figure 8.4—Abrupt Yielding of Yield Point in Mild Steel | 135 |
| Figure 8.5—Engineering Stress-Strain Diagram for Polycrystalline Copper | 135 |
| Figure 8.6—Shapes and Types of Indenters Used with Various Hardness Tests | 137 |
| Figure 8.7—Indenter Measurements | 139 |
| Figure 8.8—Principle of the Rockwell Test..... | 141 |
| Figure 8.9—Knoop and Vickers Microhardness Testing | 141 |
| Figure 8.10—ASTM Standard Dimensions for the Type A Charpy V-Notch Specimen and the Striker-Anvil Arrangements | 142 |
| Figure 8.11—Schematic of Typical Charpy Testing Machine | 143 |
| Figure 8.12—Relation Between Energy Transition and Fracture Appearance Transition in Charpy V-Notch Impact Specimens with Changes in Temperature | 144 |
| Figure 8.13A—Face and Root Bend Specimens | 145 |
| Figure 8.13B—Side Bend Specimens | 146 |
| Figure 8.14A—Guided Bend Test Jig | 147 |
| Figure 8.14B—Alternative Roller-Equipped Guided Bend Test Jig for Bottom Ejection of Test Specimen | 148 |
| Figure 8.14C—Alternative Wraparound Guided Bend Test Bend Jig | 148 |
| Figure 8.15—Nick-Break Test Specimen..... | 149 |
| Figure 8.16—Method of Testing Fillet Weld Break Specimen | 150 |
| Figure 8.17—Typical Weld Photomicrograph (Crack Adjacent to the Weld)..... | 150 |
| Chapter 9—Welding Procedure and Welder Qualification..... | 161 |
| Introduction | 162 |
| Welding Procedure Specification | 162 |
| Contents | 162 |
| Welding Procedure Qualification..... | 166 |
| Code Qualification Requirements..... | 167 |
| Welding Inspector Responsibilities..... | 168 |
| Welder and Brazier Qualification | 168 |
| Qualification Testing..... | 168 |
| Retests | 172 |

| | |
|---|------------|
| Code Requirements | 172 |
| Destructive Test Qualification | 174 |
| Summary | 174 |
| Review—Chapter 9—Welding Procedure and Welder Qualification | 181 |
| Table 9.1—Welder Performance Qualification Tests | 177 |
| Figure 9.1—Joint Design and Tolerances..... | 163 |
| Figure 9.2—Joint Preparation and Cleaning of Surfaces for Welding | 163 |
| Figure 9.3—Positions of Groove Welds | 164 |
| Figure 9.4—Positions of Fillet Welds | 165 |
| Figure 9.5—Peening the Middle Layer of a Weld Distributes and Balances Stresses | 166 |
| Figure 9.6—Marking a Completed Weldment | 166 |
| Figure 9.7—Sample Specimens for Destructive Testing..... | 167 |
| Figure 9.8—Test Plate for Unlimited Thickness—Welder Qualification..... | 170 |
| Figure 9.9—Optional Test Plate for Unlimited Thickness—Horizontal Position—Welder Qualification | 170 |
| Figure 9.10—Test Plate for Limited Thickness—All Positions—Welder Qualification | 171 |
| Figure 9.11—Optional Test Plate for Limited Thickness—Horizontal Position—Welder Qualification..... | 171 |
| Figure 9.12—Fillet Weld Break and Macroetch Test Plate—Welder Qualification—Option 1 | 172 |
| Figure 9.13—Fillet Weld Root Bend Test Plate—Welder Qualification—Option 2 | 173 |
| Figure 9.14—Typical Tubular Butt Joint Welder Qualification | 174 |
| Figure 9.15—Positions of Test Pipes or Tubing for Fillet Welds..... | 175 |
| Figure 9.16—Positions of Test Pipe or Tubing for Groove Welds..... | 176 |
| Figure 9.17—Positions of Test Plates for Groove Welds | 179 |
| Figure 9.18—Positions of Test Pipes for Fillet Welds | 180 |
| | |
| Chapter 10—Welding, Brazing, and Cutting Processes..... | 183 |
| Introduction | 184 |
| Limiting Factors | 184 |
| Dimensions of Material | 184 |
| Welding Position..... | 184 |
| Root Requirements | 184 |
| Back Side Accessibility | 184 |
| Joint Preparation | 186 |
| Availability of Welding Equipment | 186 |
| Welding Processes | 186 |
| Shielded Metal Arc Welding (SMAW)..... | 186 |
| Gas Metal Arc Welding (GMAW) | 189 |
| Flux Cored Arc Welding (FCAW)..... | 191 |
| Gas Tungsten Arc Welding (GTAW) | 193 |
| Plasma Arc Welding (PAW)..... | 195 |
| Submerged Arc Welding (SAW)..... | 197 |
| Electroslag Welding (ESW)..... | 199 |
| Oxyacetylene Welding (OAW) | 202 |
| Stud Welding (SW) | 203 |
| Brazing (B) | 203 |
| Torch Brazing (TB)..... | 205 |
| Furnace Brazing (FB) | 205 |
| Induction Brazing (IB)..... | 205 |
| Resistance Brazing (RB)..... | 206 |
| Dip Brazing (DB)..... | 206 |
| Infrared Brazing (IRB)..... | 206 |
| Diffusion Brazing (DFB) | 206 |

| | |
|--|------------|
| Cutting Processes | 207 |
| Oxyfuel Gas Cutting (OFC)..... | 207 |
| Air Carbon Arc Cutting (CAC-A) | 208 |
| Plasma Arc Cutting (PAC)..... | 208 |
| Mechanical Cutting..... | 208 |
| Summary | 208 |
| Review—Chapter 10—Welding, Brazing, and Cutting Processes | 210 |
| Table 10.1—Significance of Last Digit of SMAW Identification | 188 |
| Table 10.2—Effect of Welding Current Type on Penetration for GTAW | 194 |
| Table 10.3—AWS Tungsten Electrode Classifications | 195 |
| Figure 10.1—Master Chart of Welding and Allied Processes..... | 185 |
| Figure 10.2—Shielded Metal Arc Welding..... | 187 |
| Figure 10.3—Typical Welding Circuit for Shielded Metal Arc Weld..... | 187 |
| Figure 10.4—SMAW Electrode Identification System | 187 |
| Figure 10.5—Magnetic Field Around Electric Conductor..... | 188 |
| Figure 10.6—Distorted Magnetic Fields and Ends of Welds | 189 |
| Figure 10.7—Gas Metal Arc Welding Process | 189 |
| Figure 10.8—Diagram of Gas Metal Arc Welding Equipment..... | 190 |
| Figure 10.9—The Four Types of Metal Transfer | 190 |
| Figure 10.10—GMAW Electrode Identification System | 191 |
| Figure 10.11—Self-Shielded Flux Cored Arc Welding | 192 |
| Figure 10.12—Diagram of Flux Cored Arc Welding Equipment | 192 |
| Figure 10.13—FCAW Electrode Identification System..... | 193 |
| Figure 10.14—Gas Tungsten Arc Welding Operation | 193 |
| Figure 10.15—Gas Tungsten Arc Welding Equipment..... | 193 |
| Figure 10.16—Plasma Arc Welding (Keyhole Mode) | 195 |
| Figure 10.17—Typical Equipment for Plasma Arc Welding..... | 196 |
| Figure 10.18—Comparison of GTAW and PAW Torches | 196 |
| Figure 10.19—Keyhole Technique for Plasma Arc Welding | 197 |
| Figure 10.20—Schematic View of Submerged Arc Welding Process..... | 198 |
| Figure 10.21—Submerged Arc Welding Equipment | 198 |
| Figure 10.22—SAW Filler Metal Classification System | 199 |
| Figure 10.23—Solidification Cracking Because of Weld Profile | 200 |
| Figure 10.24—Electroslag Welding Equipment..... | 201 |
| Figure 10.25—Oxyacetylene Welding | 202 |
| Figure 10.26—Oxyfuel Welding Equipment..... | 202 |
| Figure 10.27—Stud Welding | 204 |
| Figure 10.28—Basic Equipment Setup for Arc Stud Welding..... | 205 |
| Figure 10.29—Brazing Process..... | 206 |
| Figure 10.30—Process Diagram Oxygen Cutting..... | 207 |
| Figure 10.31—Kerf and Drag in Oxyfuel Gas Cutting | 207 |
| Figure 10.32—Typical Operating Procedures for Air Carbon Arc Gouging | 208 |
| Figure 10.33—Typical Air Carbon Arc Gouging Equipment | 209 |
| Figure 10.34—Typical Plasma Arc Cutting Torch..... | 209 |
| Figure 10.35—Mechanical Cutting | 209 |
| | |
| Chapter 11—Weld and Base Metal Discontinuities | 223 |
| Introduction | 224 |
| Types of Discontinuities | 224 |
| Porosity | 224 |
| Inclusions | 228 |
| Underfill..... | 231 |

| | |
|---|------------|
| Incomplete Fusion..... | 231 |
| Incomplete Joint Penetration | 231 |
| Overlap..... | 231 |
| Undercut..... | 235 |
| Lamination and Delamination | 235 |
| Seams and Laps | 237 |
| Lamellar Tearing..... | 237 |
| Cracks | 238 |
| Arc Strike | 243 |
| Size of Discontinuity | 244 |
| Location of Discontinuity | 244 |
| Summary | 244 |
| Review—Chapter 11—Weld and Base Metal Discontinuities | 245 |
| Table 11.1—Common Types of Discontinuities | 225 |
| Table 11.2—Discontinuities Commonly Encountered with Welding Processes..... | 226 |
| Figure 11.1—Porosity Illustrated | 227 |
| Figure 11.2—Cluster Porosity | 228 |
| Figure 11.3—Scattered Porosity | 229 |
| Figure 11.4—Linear Porosity | 230 |
| Figure 11.5—Surface Appearance of Piping Porosity | 231 |
| Figure 11.6—Slag Inclusions | 232 |
| Figure 11.7—Elongated Slag Lines | 233 |
| Figure 11.8—Tungsten Inclusions | 233 |
| Figure 11.9—Underfill..... | 234 |
| Figure 11.10—Various Locations of Incomplete Fusion | 234 |
| Figure 11.11—Incomplete Fusion at Weld Face | 235 |
| Figure 11.12—Incomplete Fusion Between Individual Weld Beads | 235 |
| Figure 11.13—Incomplete Joint Penetration..... | 236 |
| Figure 11.14—Undercut and Overlap | 237 |
| Figure 11.15—Undercut at Weld Toe..... | 238 |
| Figure 11.16—Lamination and Delamination..... | 238 |
| Figure 11.17—Laminations..... | 239 |
| Figure 11.18—Weld Configuration Which May Cause Lamellar Tearing..... | 239 |
| Figure 11.19—Redesigned Corner Joint to Prevent Lamellar Tearing | 239 |
| Figure 11.20—Crack Types..... | 240 |
| Figure 11.21—Longitudinal Cracks..... | 241 |
| Figure 11.22—Cracks..... | 242 |
| Figure 11.23—Throat Crack | 242 |
| Figure 11.24—Toe Cracks..... | 243 |
| Figure 11.25—Underbead Cracks | 243 |
| Figure 11.26—Underbead Cracks and Microfissure..... | 244 |
| Chapter 12—Nondestructive Examination (NDE) Processes | 249 |
| Introduction | 250 |
| Selection of Examination Method | 250 |
| Limitations of the Examination Method..... | 250 |
| Acceptance Standards | 250 |
| Economics (Cost)..... | 250 |
| Examination Methods and Limitations | 251 |
| Visual Examination | 251 |
| Penetrant Testing (PT) | 252 |
| Magnetic Particle Testing (MT)..... | 253 |

| | |
|---|------------|
| Radiographic Testing (RT)..... | 256 |
| Ultrasonic Testing (UT) | 257 |
| Eddy Current (Electromagnetic) Testing (ET)..... | 259 |
| Acoustic Emission Testing (AET) | 261 |
| Leak Tests (LT) | 261 |
| Proof Tests | 262 |
| Magnetic Test for Delta Ferrite..... | 262 |
| Qualification of NDE Personnel | 262 |
| Summary | 263 |
| Review—Chapter 12—Nondestructive Examination (NDE) Processes | 264 |
| Table 12.1—SNT-TC-1A Levels of Qualification..... | 263 |
| Figure 12.1—Visual Inspection Tools | 251 |
| Figure 12.2—Developer Interpretation | 253 |
| Figure 12.3—Magnetism..... | 254 |
| Figure 12.4—Yoke and Prod Methods | 255 |
| Figure 12.5—Iron Powder Build-Up Reveals Discontinuity | 256 |
| Figure 12.6—Shim and Wire Type Image Quality Indicators (Penetrameters) | 257 |
| Figure 12.7—Ultrasonic Inspection | 258 |
| Figure 12.8—Calibration Sequence for Longitudinal Beam Transducer..... | 258 |
| Figure 12.9—Induced Eddy Currents in Test Objects..... | 259 |
| Figure 12.10—Typical CRT Displays for Eddy Current Testing | 260 |
| Figure 12.11—Leak Tests | 261 |
| Figure 12.12—Ferrite Indicator (Severn Gauge) | 263 |
| | |
| Chapter 13—Inspection Reports | 271 |
| Introduction | 272 |
| Report Content | 272 |
| Report Format | 272 |
| AWS D1.1 Report Forms..... | 272 |
| ASME Section IX Report Forms | 273 |
| API 1104 Report Forms | 273 |
| Multiple Inspection | 273 |
| Unstructured Reports | 273 |
| Report Checklist | 273 |
| Conclusion | 274 |
| Review—Chapter 13—Inspection Reports | 275 |
| | |
| Annex A—Additional Resources..... | 277 |
| Technical and Scientific Organizations of the Welding Fabricating Industry | 278 |
| Examination Method Selection Guide | 281 |
| | |
| Annex B—Sample Forms..... | 283 |
| AWS D1.1 | |
| Form E-1 (Front) Welding Procedure Specification (WPS) | 284 |
| Form E-1 (Back) Procedure Qualification Record (PQR) | 285 |
| Form E-3 Welding Procedure Qualification Test Record For Electroslag and Electrogas | 286 |
| Form E-4 Welder, Welding Operator or Tack Welder Qualification Test Record | 287 |
| Form E-7 Report of Radiographic Examination of Welds..... | 288 |
| Form E-8 Report of Magnetic Particle Examination of Welds..... | 289 |

ASME B31.1 SECTION IX

Form E00006 (Front) QW-482 Suggested Format For Welding Procedure Specifications (WPS)..... 290
Form E00006 (Back) QW-482..... 291
Form E00007 (Front) QW-483 Suggested Format for Procedure Qualification Record (PQR)..... 292
Form E00007 (Back) QW-483..... 293
Form E00008 QW-484 Suggested Format for Manufacturer’s Record of Welder or Welding Operator
Qualification Tests (WPQ)..... 294

API 1104

Procedure Specification Form..... 295

AWS QC-1

Certified Welding Inspector Certificate 296

Annex C—Answer Key—Review Questions for Chapters 1–13 297

CHAPTER 1

The Welding Inspector

Contents

| | |
|--|----------|
| Introduction | 2 |
| Important Qualifications for the Welding Inspector..... | 3 |
| Ethical Requirements for the Welding Inspector | 5 |
| Establishing Lines of Communication..... | 6 |
| Summary | 8 |
| Review—Chapter 1—The Welding Inspector | 9 |

Chapter 1—The Welding Inspector

Introduction

Welding inspectors function as quality representatives of organizations that may be a manufacturer, purchaser, insurance company, or government agency. The inspector is responsible for judging the acceptability of a product according to a written specification. The inspector must understand both the limitations and intent of the specification. The goal of the welding inspector is to strive for the required quality, but not to delay completion and delivery schedules without proper cause.

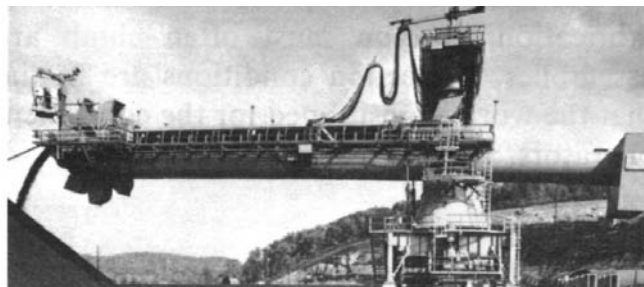
Welding inspectors find themselves working in dozens of different industries, with each situation having slightly different job responsibilities. Among those industries employing welding inspectors are energy production, chemical processing, petroleum product refining and distribution, transportation, and bridge and building construction (see Figure 1.1).

The welding inspector is a composite person—a highly qualified specialist in the field of welding. Welding inspectors can be classified as:

- Code or governing agency inspector



Nippon Steel



Lukens Steel Company



Cessna Aircraft Corporation



Western Oceanic Inc.

Figure 1.1—Industries Utilizing Welding Inspectors