2015 ASME Boiler and Pressure Vessel Code

Summary of Changes: Section V

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• BPV V 13-536 Section V: Review Article 13
• Section V: Glossary of Terms
• Section V, Article 6: Define What Steps in the Penetrant Process Are Required to Have Minimum and Maximum Time Limits and Rewrite Requirements for Hydrophilic Emulsifiers to Reflect Current Practice. Revise T-662 to Establish a Maximum Dwell Time Limit and Also Prevent the Penetrant from Drying During the Dwell Time.
• Section V: Article 4; New Paragraph T-462.7 and Nonmandatory Appendix P with accompanying Definition.
• Section V: Definition of "Examination"
• Section V: Adopt E999-10, Standard Guide for Controlling the Quality of Industrial Radiographic Film Processing
• Section V: Evaluate APR Technology
• Section V: Adoption of New Article 18 on Guided Wave UT
• Section V: ASTM E750-10 Standard Practice for Characterizing Acoustic Emission Instrumentation
• Section V: ASTM E1067/E1067M-11 Standard Practice for Acoustic Emission Examination of Fiberglass reinforced Plastic Resin (FRP) Tanks/Vessels
• Section V: ASTM E1118/E1118M-11 Standard Practice for Acoustic Emission Examination of Reinforced Thermosetting Resin Pipe (RTRP)
• Section V: ASTM E1139-12 Standard Practice for Continuous Monitoring of Acoustic Emission from Metal Pressure Boundaries
• Section V: Revisions to Article 8, Mandatory Appendix VIII Eddy Current Examination of Nonmagnetic Heat Exchanger Tubing
• Section V: Article 4; New Nonmandatory Appendix Q; Alternate Straight Beam Calibration Block Examples
• V Section V: Adopt ASTM E1647 - 09, Standard Practice for Determining Contrast Sensitivity in radioscopy, for update of SE-1647
• Section V:Article 7; T-762, Yoke Technique Requirements
• Section V: Article 4; T-471.4.1 Scanning Sensitivity and recording data.
• Section V: Article 1, T-120 General; Provide an Appendix II Defining Minimum Training and Experience Requirements for Radiographic and Ultrasonic Methods and Their Techniques
• V Section V: Article 4; Mandatory Appendices VII and VIII
• Section V: Review of ASTM A745 / A745M - 12 Standard Practice for Ultrasonic Examination of Austenitic Steel Forgings for Adoption as SA 745
• Section V: Review ASTM D129 - 11 Standard Test Method for Sulfur in Petroleum Products (General High Pressure Decomposition Device Method) for Adoption as SD 129
• Section V: Review ASTM D516 - 11 Standard Test Method for Sulfate Ion in Water for Adoption as SD 516
• Section V: Review ASTM D808 - 11 Standard Test Method for Chlorine in New and Used Petroleum Products (High Pressure Decomposition Device Method) for Adoption as SD 808
• Section V: Review ASTM E165 / E165M - 12 Standard Practice for Liquid Penetrant Examination for General Industry for Adoption as SE 165
• Section V: Review ASTM E2096 / E2096M - 10 Standard Practice for In Situ Examination of Ferromagnetic Heat-Exchanger Tubes Using Remote Field Testing for Adoption as SE2096
• Section V: Mandatory Appendix to Article 4 for the Examination of HDPE
• 13-1355
• Section V: Review of ASTM E650 / E650M - 12 Standard Guide for Mounting Piezoelectric Acoustic Emission Sensors for Adoption as SE 650
• Section V: Article 6; Documentation Requirements
• Section V: Article 7; Documentation Requirements
• Section V: Review the Use of the Term "Manufacturer" in Section V
• Section V: Article 4; Revision to Mandatory Appendix II-440
• Section V: Consistent Use of the Term "Through Wall" In All Articles of Section V
• Section V: Revision of Article 2; Mandatory Appendix VI 14-6
• Section V: Revision of Article 12; Change to T-1224.1
• Section V: Image Brightness Variation Requirements
• Section V: Revision of T-224
• Section V: Article 4, IX-435.4; Weld Joint Configuration and TOFD
• Section V: Review of ASTM A578 / A578M - 07 (2012 Standard Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications for Adoption as SA-578
• Section V: Review of ASTM A609 / A609M - 12 Standard Practice for Castings, Carbon, Low-Alloy, and artensitic Stainless Steel, Ultrasonic Examination Thereof for Adoption as SA-609
• Section V: Revision of Article 2, Mandatory Appendix V, Definition of "Radiograph"
• Section V: Article 8 Mandatory Appendix; VIII-810 Revision of the Term Nonmagnetic to Nonferromagnetic.
• Section V: Article 13; Revise T-1311
• Section V: Revision of Article 2, Appendices VIII & IX; Paragraphs VIII-287 and IX-287 on Measuring Scale
• Section V: Article 4, Figure T-434.3-1; Revision to the General Notes
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