

STRUCTURAL STEEL WELDING

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| Weld test conductor (WTC) Name : AWS QC1 Peter J. Prochnow 05080621 | | | | Weld test conductor (WTC) Address : Ironworkers Training Center Marquette, MI | | | |
| Personal Information IRONWORKERS LOCAL # 8 | | | | | | | |
| Welders Name (First, Middle & Last) : Todd C. Carlson | | | Birth date / WI Welder Registration # : 9-27-78 | | Welder Symbol : TCC | | |
| Address (Street or PO box) : 22 Makinen Rd. | | | City : Negaunee | | State : MI | Zip + 4 code : 49866 | |
| Test Information AWS D1.1-10 WPS#1 Ironworkers SMAW w/backing bar | | | | | | | |
| Performance Qualification : <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | Procedure Qualification : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| Employer Name : Ironworkers Local#8 | | Address : 12034 W. Adler Lane | | City : Milwaukee | State : MI | Zip + 4 code 53214 | |
| Welding Procedure Specification # : Ironworkers Local#8 WPS#1 | | Code Standard & Year Edition : AWS D1.1 2010 | | Welding Process : SMAW | Base Material Specification : ASTM A-36 Group#1 | | |
| Electrode Specification SFA # : 5.1 | | AWS Classification : E-7018 H-4 Low Hydrogen | | AWS Group # : F-4 | Current Type & Polarity : DCEP | | |
| Thickness of Test Piece : 1 Inch | | Tensile Strength : 58 KSI | | Is Backing Strip Used ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Amperage : 100-170 | Voltage : 18-28 | |
| Fillet Weld # of Passes : NA | | Groove Weld # of Passes : 3G 10-15 4G 15-25 | | Weld Progression : <input checked="" type="checkbox"/> Up <input type="checkbox"/> Down | | Flux : Low Hydrogen | |
| Shielding Gas Mixture : NA | | Flowrate : NA | | Interpass Temperature : See Table 3.2 AWS D1.1 | Qualification by Radiograph : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| Indicate Joint Position and Type | | Indicate Specimen Identification | | In the blanks, briefly describe any defects revealed: | | | Pass or Fail |
| Vertical-Up 3G B-U2a | | Side Bend 1 | | Clear | | | Pass |
| Butt Groove Single-Vee | | Side Bend 2 | | 1/16" Break | | | Pass |
| Overhead 4G B-U2a | | Side Bend 1 | | Clear | | | Pass |
| Butt Groove Single-Vee | | Side Bend 2 | | 2 @ 1/32" Breaks | | | Pass |
| Tensile Specimen: | Width: (in.) | Thickness (in.) | Area: (in.) | Ultimate Total Load: (lbs.) | Ultimate Unit Stress: (PSI) | Character & Location of Failure | |
| Sample 1 | NA | NA | NA | NA | NA | NA | |
| Sample 2 | NA | NA | NA | NA | NA | NA | |
| Code Standard & Year: AWS D1.1 2010 | | | | Paragraph # : 4.19.1.2 | | Option: NA | |
| Test Conducted & Evaluated by: (Signature of WTC) Peter J. Prochnow (148156) | | | | Test Date : 5-11-13 | | Expiration Date : 5-11-17 | |

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| This card certifies that: (Welder's Name) D1.1 Todd C. Carlson | | | | Welding Specification # : IW WPS#1 D1.1-10 | Process : SMAW | Base Mtrls Group : 1 and 2 | |
| Birth date / WI Welder ID # : 9-27-78 | | Welder Symbol : TCC | | Employer : Ironworkers Local#8 | | Address, City & Zip : 12034 W. Adler Lane Milwaukee, WI 53214 | |
| Welder's Signature : | | | | Filler Material: E7018 H-4 | SFA # : 5.1 | Group: F-4 | Thickness Range: 1/8-Unlimited |
| Passed the required welder qualification test. Extent of limitations listed below at right. | | | | Groove Limited : <input checked="" type="checkbox"/> 1G <input checked="" type="checkbox"/> 2G <input checked="" type="checkbox"/> 3G <input checked="" type="checkbox"/> 4G | Fillet Limited : <input checked="" type="checkbox"/> 1F <input checked="" type="checkbox"/> 2F <input checked="" type="checkbox"/> 3F <input checked="" type="checkbox"/> 4F | | |
| Weld Position Qualified: <input type="checkbox"/> 1G <input checked="" type="checkbox"/> 2G <input checked="" type="checkbox"/> 3G <input checked="" type="checkbox"/> 4G | | | | Pipe-Tubing : <input type="checkbox"/> Thru 4" <input checked="" type="checkbox"/> Over 24" | | | |
| Expiration Date : 5-11-17 | | | | Test Conducted by (WTC Name) : Peter J. Prochnow | WTC Cred # : 148156 | Positions Qualified : <input checked="" type="checkbox"/> All Backing <input checked="" type="checkbox"/> yes <input type="checkbox"/> no | |

Above is a Certificate of Competency Structural Welding card.

Complete & present the card to the welder who passed the weld test.