TRU-FIT PRODUCTS • TRU-WELD

QUALITY WELD STUDS, STUD WELDING EQUIPMENT AND FASTENERS SINCE 1928

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AMERICAN PRODUCERS SUPPLY CO.
PO BOX 1050

MARIETTA OH 45750

CA08-066-11

CA 1/2 X 4-1/8 HEADED WELD STUD B/W

PO NUMBER	SHIPMENT NUMBER	ORDER NUMBER	CERT DATE	CERT QUANTITY
P1578373	5130965	65147483	7/20/2026	600

CERTIFICATION

This is to certify that this product has been manufactured to conform to: STANDARD AASHTO M169 / BS EN ISO 13918/AWS D1.1-25/D1.5-25 subclause 9.9 manufacturer weld base qualification (s). Specifications of material conforming to ASTM A108-18/ A29-23, ASTM A1044/A1044M-22a, BS EN 10204 3.1, S235 JRC, BS EN10025 low carbon steel, CSA W59-18 APPENDIX H AND CSA S6-19 CLAUSE 10.4.7. having the following chemical composition and physical properties:

LOT NUMBER:	391426170	
HEAT NUMBER:	21065500	
GRADE:	C1015	
MATERIAL ORIGIN	DOMESTIC (USA)	
CHEMICAL COMPOSITION		
CARBON:	0.160 %	
MANGANESE:	0.520 %	
PHOSPHORUS:	0.006 %	
SULPHUR:	0.002 %	
NICKEL	0.050 %	
CHROMIUM	0.090 %	
MOLYBDENUM	0.020 %	
ALUMINUM	0.022 %	
SILICON	0.210 %	
COPPER	0.090 %	
BORON	0.0001 %	
CEV	0.28 %	
MECHANICAL PROPERTIES		
REFERENCE	TW26-271 1	TW26-271 2
ULTIMATE	70,541 PSI	70,599 PSI
	486 N/mm2	486 N/mm2
YIELD (0.2% OFFSET)	57,305 PSI	55,407 PSI
	395 N/mm2	382 N/mm2
REDUCTION OF AREA	66.6 %	66.8 %
ELONGATION	26.6 %	26.6 %
BEND TEST	PASSED	PASSED
FAILURE LOCATION	SHANK	SHANK

Mechanical properties above are derived from finished product using ASTM A370 testing procedures. TFP Corporation certifies that this is a copy of the original mechanical certification on file, that this product is melted and manufactured in the U.S.A., is free from mercury contamination and is free from repair welding.

By: Samuel T Ray

Samuel T Ray
Q.A. Manager
Tru-Weld Division
TFP Corporation