TRU-FIT PRODUCTS • TRU-WELD

QUALITY WELD STUDS, STUD WELDING EQUIPMENT AND FASTENERS SINCE 1928

Atlanta • Calgary • Chicago • Dallas • Denver • Houston • Kansas City • Las Vegas • Medina
New York City • Salt Lake City • Smithville • Toronto • Vancouver

460 Lake Rd Medina, OH 44256 USA
Phone: (330)725-7741 Fax: (330)725-0161 Toll Free: (800)321-5588

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
P1560825	5100178	65115608	1/13/2026	200

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:	391425344		
HEAT NUMBER:	21027730		
GRADE:	C1015		
MATERIAL ORIGIN	DOMESTIC (USA)		
CHEMICAL COMPOSITION			
CARBON:	0.150 %		
MANGANESE:	0.540 %		
PHOSPHORUS:	0.006 %		
SULPHUR:	0.004 %		
NICKEL	0.040 %		
CHROMIUM	0.080 %		
MOLYBDENUM	0.020 %		
ALUMINUM	0.023 %		
SILICON	0.210 %		
COPPER	0.070 %		
BORON	0.0001 %		
CEV	0.27 %		
MECHANICAL PROPERTIES			
REFERENCE	TW25-543 1		TW25-543 2
ULTIMATE	69,192 PSI		70,466 PSI
	477 N/mm2		485 N/mm2
YIELD (0.2% OFFSET)	59,865 PSI		57,530 PSI
	412 N/mm2		396 N/mm2
REDUCTION OF AREA	68.4 %		68.9 %
ELONGATION	28.1 %		28.1 %
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