



Certificate of Compliance

Certificate: 1416153

Master Contract: 154649

Project: 70112857

Date Issued: 2016-12-19

Issued to: ITW Welding Group
1635 W Spencer St
Appleton, Wisconsin 54912-1079
USA

Attention: Therese Christianson-Plato

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Sam Zaffino
Sam Zaffino

PRODUCTS

CLASS - C561101 - WELDING MACHINES

CLASS - C561181 - WELDING MACHINES-Certified to US Standards

PART A:

Models Dimension 302, Dimension 452, Dimension 652, and Dimension 1000 DC industrial welding power sources, rated as follows:

Dimension 302

Rated Output: 300A, 32Vdc at 100% duty cycle

Input Volts: 230, 460, or 575V, 3 phase, 60Hz

Input Amps: 60A @ 230V, 30A @ 460V, 24A @ 575V

Dimension 452:

Rated Output: 450A, 38V dc at 100% duty cycle

Input Volts: 200, 230, 460, or 575V, 3 phase, 60Hz

Input Amps: 104A @ 200V, 90A @ 230V, 45A @ 460V, 36A @ 575V



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Dimension 652: (Alternate Product names: SUBARC DC 650)

Rated Output: 650A, 44V dc at 100% duty cycle
Input Volts: 230, 460, or 575V, 3 phase, 60 Hz
Input Amps: 126A @ 230V, 63A @ 460V, 50A @ 575V

Dimension 1000: (Alternate Product names : SUBARC DC 1000)

Rated Weld Output – 1000A, 44V dc at 100% duty cycle
Input Volts: 230, 460, or 575V, 3 Phase, 60Hz
Input Amps: 180A @ 230V, 90A @ 460V, 72A @ 575V

PART B:

Models: DIMENSION NT 450 rated as follows:

Dimension NT 450:

Rated Output: 450A, 38V dc at 100% duty cycle
Input Volts: 230, 460, or 575V, 3 Phase, 60Hz
Input Amps: 57A @ 230V, 29A @ 460V, or 23A @ 575V
Max. OCV: 80Vdc

PART C:

Model: DIMENSION 302 w/running gear, cylinder rack, and cover
Model: DIMENSION 452 w/running gear, cylinder rack, and cover
Model: DIMENSION 652 w/running gear, cylinder rack, and cover
Model: DIMENSION NT 450 w/running gear, cylinder rack, and cover

PART D:

Model: NT456 CC/CV WCC
Alternate name: NT456 CC/CV ArcReach™:

Model: DIMENSION NT 450 WCC
Alternate name: DIMENSION NT 450 ArcReach™:

PART E:

Model: SubArc DC 650 Digital - rated as follows:

Rated Output: 650A, 44V dc at 100% duty cycle
Input Volts: 230, 460, or 575V, 3 phase, 60 Hz
Input Amps: 126A @ 230V, 63A @ 460V, 50A @ 575V

Model: SubArc DC 1000 Digital - rated as follows:

Rated Output – 1000A, 44V dc at 100% duty cycle
Input Volts: 230, 460, or 575V, 3 Phase, 60Hz
Input Amps: 180A @ 230V, 90A @ 460V, 72A @ 575V

APPLICABLE REQUIREMENTS



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CAN/CSA-C22.2 No.0-10
CSA Std C22.2 No. 60-M1990
UL Std No. 551 7th edition

- General Requirements - Canadian Electrical Code, Part II
- Arc Welding Equipment
- Transformer-Type Arc-Welding Machines



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70112857	2016-12-19	Update to 1416153 to cover alt const
70046549	2015-09-17	Update to cover alt const
70013389	2014-10-23	CSA 60 and UL 551 ed 7
2724036	2014-05-07	Update to cover alternate construction, alternate model names and addition of similar model in part E
2652228	2013-08-15	Update to cover alternate construction
2539080	2012-06-27	Update to cover alternate construction and model name removal
2110100	2008-11-25	Update to 1416153 to cover additional models NT 456 CC/CV WCC and Dimension NT 450 WCC
1977181	2007-12-21	Update to cover alternate construction and model name Subarc 650
1763838	2006-10-19	Update to cover component rating correction
1763800	2006-06-21	Update to cover alternate construction and alternate model name
1633397	2005-11-17	Add alternate constructed models Dimension 625 w/Low OCV, Dimension 1000 w/Low OCV
1576787	2004-11-23	Add Part B; model NT 456CC/CV and Dimension NT 450
1416153	2003-05-12	Modification to control circuit, alternate transformer manufacturer for item 13f on model Dimension 1000.