

ARC FLASH PPE



< 1.2 cal/cm²

1.2 to 12 cal/cm²

> 12 cal/cm²

WARNING

Arc Flash and Shock Risk
Appropriate PPE & Tools Required

Incident Energy:	0.83 cal/cm²	Shock Risk when cover is removed:	480 VAC
Incident Energy at:	18 in	Limited Approach:	42 in
Arc Flash Boundary:	14 in	Restricted Approach:	12 in
		Glove Class:	00

CONFIRM PPE WITH CURRENT NFPA 70E

Job Number: 98278

Equipment: BUS-BUS-0310 Prot: (4B) TNK-26

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Warning: Change in equipment settings or system configuration will invalidate the calculated values and PPE requirements.

For more detailed information regarding arc flash risk analysis, arc flash training, and PPE selection, visit www.emcsolutions.com/arcflash

INCIDENT ENERGY ANALYSIS METHOD

PROTECTIVE CLOTHING AND PPE	INCIDENT ENERGY EXPOSURE		
	<1.2 cal/cm ²	1.2 to 12 cal/cm ²	>12 cal/cm ²
Protective clothing, non-melting or untreated natural fiber, long sleeve shirt and pants or coverall	X		
Arc-rated clothing with an arc rating equal to or greater than the estimated incident energy		X	X
Safety glasses	X	X	X
Hard hat	X	X	X
Hearing protection	X	X	X
Leather footwear	X	X	X
Heavy-duty leather gloves, arc rated gloves, or rubber insulating gloves with leather protectors	X	X	X
Long-sleeve shirt and pants or coverall or arc flash suit		X	X
Arc rated face shield and arc rated balaclava		X	
Arc rated arc flash suit hood			X
Undergarments shall be made of a non-melting material	X	X	X
Arc-rated outerwear (e.g. jacket, parka, rainwear, hard hat liner) as needed		X	X

DISCLAIMER: Only use this table when an incident energy analysis has been completed. Any information in this poster is for reference purposes only and does not replace any regulation, code, or standard. If the incident energy exposure is unclear, or any uncertainty shall arise in your situation; refer to the latest edition of NFPA 70E for detailed information.