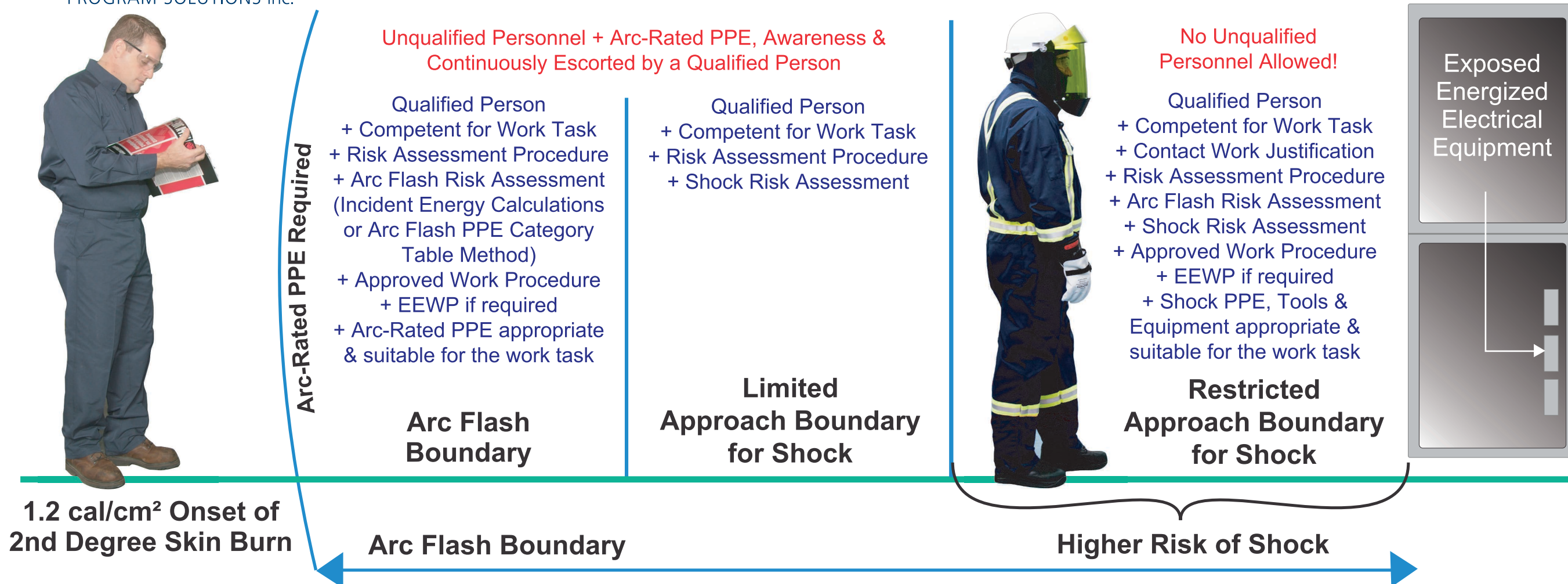


Boundaries for Arc Flash and Shock - Approach Limits

Based on CSA Z462-2015 and NFPA 70E-2015 Standard Editions



ESPS Electrical Safety Program Solutions INC.

Calgary, Alberta, Canada
www.esps.ca


- Consulting Services
- Licensed Products
- Training Solutions

Sales Agent



PPE Manufactured by **OBERON**

Detailed Arc Flash and Shock Warning Label Example



WARNING

Arc Flash & Shock Hazard

ARC FLASH PROTECTION		SHOCK PROTECTION	
Working Distance	18 inches	Shock Hazard when covers removed	600 VAC
Incident Energy	5.0 cal/cm²	Limited Approach	42 inches
Arc Flash Boundary	43 inches	Restricted Approach	12 inches
<Company> PPE Level =	2	Rubber Insulating Glove Class	0
Refer to <Company>'s Electrical Safety Program for Arc Flash PPE requirements.			

Location: MCC #1 Building

Equipment: LOAD SIDE of **MCC #1 MAIN BREAKER**

Report #: ESPS-XXX-YYY-AHA-ZZZ Rev 1.0

Study provided by: ESPS

Date: **2015-01-08**

Label #: **1**

Approach Boundaries to Energized Electrical Conductors or Circuit Parts for Shock Protection for AC Systems

System Voltage	Limited Approach Boundary	Restricted Approach Boundary
< 50V	Not specified	Not specified
120V	3 ft. 6 in. / 1.0 m	Avoid contact
208V - 600V	3 ft. 6 in. / 1.0 m	1 ft. 0 in. / 0.3 m
4,160V	5 ft. 0 in. / 1.5 m	2 ft. 2 in. / 0.7 m
13,800V	5 ft. 0 in. / 1.5 m	2 ft. 2 in. / 0.7 m

This material is not all-inclusive and users shall refer to the Standard for requirements

Arc Flash & Shock PPE, Training, Programs & Resources go to: www.unlimitedppe.com

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