

DANGER

Arc Flash and Shock Hazard
Appropriate PPE Required

10.1cal/cm2	Flash Hazard at 18 Inches
5' - 6'	Arc Flash Boundary
Protective Clothing and PPE	Arc rated >> Incident energy determined. Long-sleeve shirt and pants or coverall or flash suit, face shield or balaclava or suit hood. Hard hat, safety glasses, hearing protection, leather footwear.
0.6kV	Shock Hazard when cover is removed
3' - 6'	Limited Approach
1' - 2'	Restricted Approach - Class 0 Voltage Gloves with Leather Cover
Equipment Name: MCC 5 DISC (Protected by: DP-1 MAIN BRKR) Date of Analysis: May, 2016 Warning: Changes in equipment settings or configuration will invalidate the calculated values and PPE requirements	

Rockwell Automation

Your Arc Flash Study Will Include

- On-Site Data Collection
- Written safety procedure review
- Protective Device Coordination Study
- Short Circuit Study
- One-line drawing, models, and reports
- Arc Flash label generation and installation
- Recommended corrective actions

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Avoid Dangerous Arc Flash Errors.

An Arc Flash Study

can help you identify arc flash hazards and stay up-to-date on industry safety standards.

ASK YOURSELF

- Have there been any plant expansions or redesigns since your last Arc Flash Study was performed?
- Were labels provided and properly installed?
- Have your employees received proper Arc Flash training?
- Have you had any unexplained nuisance tripping or breakers not clearing faults?
- Are your one-line drawings up-to-date?

WE HAVE THE EXPERIENCE TO HELP



To sign up for an Arc Flash Study please contact:
DeliveredServices@RexelUSA.com



Authorized
Service Provider
A ROCKWELL AUTOMATION PARTNER



Why Choose Rexel?

- You don't have the time or resources to perform on-site studies.
- You want to improve equipment operation and reduce the risk of employee injury.
- You require additional expertise or lack of familiarity
- You require verification of necessary PPE for your employees.
- You require verification that all appropriate steps have been taken for proper equipment operation.

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Benefits

Reduce risk around electrical safety

Compliance with CSA Z462, IEEE-1584, and NFPA 70E regulations

Create or update one-line documentation

Increase competency with a customizable, written safety program and training

Increase productivity by improving overall system coordination and understanding personal protective equipment (PPE) requirements for energized work

WHAT TO EXPECT

1

Arc Flash Study preparation

The process begins with a pre-site kickoff call. You will provide all available one-line drawings and any applicable electrical prints.

2

On-site Arc Flash Study process

A Rockwell Automation Authorized Service Provider Network Engineer will conduct an on-site inspection of utilities, low and medium voltage service transformers, switchgears and breakers, relays and other equipment.

3

Remote Arc Flash Study modeling & development

The data collected will be analyzed by a Rockwell Automation Network Engineer and compiled into a final report. This report will provide up-to-date one-line drawings and an in-depth analysis of arc flash incident energy levels and arc flash protection boundaries. A short circuit and equipment duty study and a selective protective device coordination study will also be compiled.

4

Delivery

The Rockwell Automation Authorized Service Provider will install applicable Arc Flash warning labels and review all studies and one-line drawings with you.



Need more than arc flash assistance? We also offer training, conversion services, and installed base evaluations.

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