

Job Safety Plan Electrical Energized Work Permit

Worker: User Test
Plant: Sample Location
Equipment: 8937, Control Panel, 120VDC, 1
Task: Testing and Troubleshooting – Panelboards
Work Order Number: WO-123

Work Energized: Yes

Justification to work Energized: Hazardous Materials Ventilation system cannot be de-energized.

Shock Risk Assessment

Identify Shock Hazard 120VDC
Direct Contact

Shock Risk Assessment Matrix

Likelihood of occurrence of injury	Severity	
	Voltage ≤ 30.0 V	Voltage > 30.0 V
Improbable	Low	Low
Possible	Low	High

Is safety risk present? Yes

Hierarchy of Risk Control

Elimination No
 Substitution No
 Engineering Controls No
 Administrative Controls No
 Personal Protective Equipment Yes

Limit of Approach Limited Approach Boundary: 1.0 m (3 ft 6 in)
 Restricted Approach Boundary: Avoid contact

Necessary shock PPE to safely perform the assigned task Class of Gloves: Class 00 (Beige)

Arc Flash Risk Assessment

Identify Arc Flash Hazard Shock and Arc Flash Label: No

Arc Flash Risk Assessment Matrix

Likelihood of occurrence of injury	Severity	
	Energy ≤ 1.2 cal/cm ²	Energy > 1.2 cal/cm ²
Improbable	Low	Low
Possible	Low	High

Is safety risk present? Yes

Hierarchy of Risk Control

Elimination No
 Substitution No
 Engineering Controls No
 Administrative Controls No
 Personal Protective Equipment Yes

Arc Flash Risk Assessment Result Arc Flash Boundary (m): 0.485
 Arc Flash PPE Category: 1

Required Arc Flash PPE

Arc rated clothing, minimum arc rating of 4 cal/cm² (16.75 J/cm²):
Arc rated long-sleeve shirt and pants or arc rated coverall
Arc rated faceshield or arc flash suit hood
Arc rated jacket, parka, rainwear, or hard hat liner (As needed [optional])

Protective equipment:
Class G or E hard hat
Safety glasses or safety goggles (Selection Required)
Hearing protection (ear canal inserts)
Heavy duty leather gloves (As needed [optional])
Leather footwear (As needed [optional])

The Arc flash PPE category is valid for systems with following parameters: Max Fault Current: 25 kA Maximum Clearing Time: 0.03 s (2 cycles) Min Working Distance 18 in

Hazards and Mitigators

Equipment-related Hazard	-
Non Electrical Hazard	-
Special Precautions	-
Task Name	Testing and Troubleshooting – Panelboards
Means employed to restrict the access of unqualified persons to the work area	Yes
Agree this task can be completed safely	Yes
Job Briefing is complete including discussion of any job related hazards	Yes
Hazard/Mitigator acknowledged	Yes
A documented job procedure is available to complete this task	Yes

JSP Sign Off

JSP Number 68979

Worker Signature



JSP Submitted by: User Test
Submitted date: January 09, 2023 04:34 PM
JSP email recipient: support@eworksafe.ca

Supervisor Signature



JSP Approved by: Supervisor Test
Approved date: January 09, 2023 11:35 AM
JSP email recipient: support@eworksafe.ca