

ENERGIZED ELECTRICAL PERMIT

SECTION 1.

DESCRIPTION OF WORK AND JUSTIFICATION FOR PERFORMING THAT WORK ENERGIZED.

Description of work: _____

Justification: (Check all that apply)

De-energization introduces additional or increased hazards:

- _____ Violation of an Environmental Permit
- _____ Deactivation of emergency alarm systems
- _____ Shutdown of hazardous ventilation equipment
- _____ Other - Describe _____

De-energization is not feasible due to equipment design or operational limitations:

- _____ Tasks that can only be performed with circuit energized
- _____ Would require continuous operating process to be shutdown
- _____ Other - Describe _____

Requested by: _____ **Title:** _____ **Date:** _____

SECTION 2.

Hazard Risk Category _____ (See Table 130.7(C)9(a) in Appendix B)

Minimum approach safe distance _____

Less than 600 V -- 4 feet
 601 V to 5,000 V -- 10 feet
 5,001 V to 87,500 V -- 30 feet

TECHNICAL REQUIREMENTS	Yes	Done	TECHNICAL REQUIREMENTS	Yes	Done
Written Procedure			Approved Insulated Hand Tools		
Review Electrical Live Work			Live-line Tools (e.g., hot sticks)		
Job Briefing Discussion			CAT III or IV rated Voltmeter		
Barricades			Approved Phasing Tester		
Personal Protective Equipment			Illumination		
Class E Hard hat			Limited work space considerations ¹		
Safety glasses			Conductive material considerations ¹		
Polycarbonate tinted face shield			Portable ladders		
Fire Resistant Clothing level _____			Conductive work apparel ¹		
Flash suit Level _____			Interlock considerations ¹		
Voltage rated insulated gloves			Housekeeping requirements ¹		
Voltage rated insulated blankets			2 Qualified-person teams		
Voltage rated insulated matting			Other:		
Voltage rated insulated shielding			Other:		
Grounding cables			Other:		
Bonding cables			(¹ List in a written procedure)		

SECTION 3.

Reviewed By: _____ **Date:** _____ **Approved By:** _____ **Date:** _____
Electric Shop Supervisor _____ **Director Utility Services Manager** _____

SECTION 4.

_____ **Date:** _____ _____ **Date:** _____ _____ **Date:** _____
Qualified Worker _____ **Qualified Worker** _____ **Qualified Worker** _____
 _____ **Date:** _____ _____ **Date:** _____ _____ **Date:** _____
Qualified Worker _____ **Qualified Worker** _____ **Qualified Worker** _____

Energized Electrical Work Permit Instructions

SECTION 1:

- The requester shall briefly describe what work they believe needs to be performed energized.
- The requester shall justify, by checking all reasons that apply, why the electrical work needs to be performed in an energized state.
- The requester shall sign, print his/her title and date the request.

SECTION 2:

- A Facilities Electric Shop Supervisor, (or qualified designee), shall review the request and evaluate if it is necessary to work energized.
- If the supervisor (or qualified designee), concurs that it is necessary to work energized, he/she will then establish the Hazard Risk Category (0, 1, 2, 3, 4), the Minimum Approach Safe Distance and establish the technical requirements in Section 2 to perform the work with proper precautions.
- If a written procedure is needed for the operation, the supervisor (or qualified designee), will write the procedure (in consultation with the UConn Architectural & Engineering Services Electrical Engineer, if necessary),.
- Written procedures shall include descriptions or detailed list of the technical requirements noted on the permit (e.g., housekeeping requirements, limited work space, conductive material, conductive work apparel, or interlock considerations). Procedures will outline the steps necessary to complete the work safely along with any special precautionary “NOTES” or “WARNINGS”. The written procedures shall be reviewed in a job briefing and attached to the permit.

SECTION 3: The permit is approved by a Facilities Electric Shop Supervisor (or qualified designee), and Energy Services Manager (or his/her supervisor) before work may begin.

SECTION 4: Qualified Workers assigned to the energized work shall sign and date the permit to indicate that they have read and understand the work precautions and any associated procedures.

PERMIT EXPIRATION: The permit will expire when:

- 1- work operations covered by this permit have been completed; or
- 2- the technical requirements listed on the permit are no longer suitable for the hazards present; or
- 3- if the hazard category changes.