


In case of emergency call: 
760-476-2202

**LIVE ELECTRICAL WORK
 WORK PERMIT**



Local regulatory requirements will govern if more stringent than those spelled out in this permit. The work governed by this permit must stop if the permit conditions are no longer met. This permit is only valid when all appropriate sections are completed and signed by the appropriate individuals up to and including hand-over (Section 4). Live electrical work shall only be done when all other possibilities to overcome the necessity have been carefully explored. Our basic requirement is to conduct work on electrical circuitry only when it is in a 'electrically safe work condition'. This PTW applies only to activities when dealing with circuits > 50 volts AC or DC.

Section 1 General Information

This permit is linked to:

- A General Work Permit or **No:**
- An SOP or other written work instruction **Reference:**

Work Order or/ and Equipment Specific Procedure number: (if applicable).....

Permit Live Electrical Work Requested by: (name & Company)..... On: (date)

Permit Live Electrical Work valid from: (date & time) To: (date & time; max. 7 days)

Plant/ department/ area/ installation/ equipment:

Work description:

Does this work include:

- The voltage in the circuit is below 50 volts AC or DC Yes => No permit required
- Energized Electrical Work -Testing and Troubleshooting
 - Low voltage circuitry (< 600V) Yes => No permit required
 - High Voltage circuitry (≥ 600V) Yes => Permit required
- Energized Electrical Work - Maintenance and Replacement Yes => Permit required

Justification 'Why' the work cannot be done de-energized or re-scheduled

Has a documented risk control procedure been provided? Yes: (ref of procedure):

No, hazard identification and control will be documented by this permit

Section 2 Scope of Work - Potential Hazards & Mitigations - Shock Hazard Analysis

Voltage type selection A.C D.C.

Arc Flash Hazard Analysis applicable? Yes (Go to Section 2B) No (Continue below)

Apply local regulatory requirements.

AC system } Use relevant tables
 DC system }

In absence of local information use the following :

Voltage (AC/DC)	Limited Approach Boundary	Restricted Approach Boundary	Prohibited Approach Boundary
< 600V	3 m (10 ft 0 in)	1,2 m (4 ft 0 in)	25 mm (0 ft 1 in)
≥ 600 V < 46KV	3 m (10 ft 0 in)	1,2 m (4 ft 0 in)	0,4 m (1 ft 5 in)

Highest voltage to which personnel will be potentially exposed? V

Limited approach boundary? ftin or m Work will be conducted within this boundary

Restricted approach boundary? ftin orm Work will be conducted within this boundary

Prohibited Approach Boundary?ftin or m Work will be conducted within this boundary

Section 2A Shock Hazard Prevention

Necessary shock, personal and other protective equipment/ arrangements to safely perform the task

<input type="checkbox"/> Voltage-rated tools	<input type="checkbox"/> Voltage-rated gloves	<input type="checkbox"/> Safety glasses	<input type="checkbox"/> Face shield
<input type="checkbox"/> Hard hat	<input type="checkbox"/> Voltage rated Isolating mat	<input type="checkbox"/> Flame resistant work clothing with long sleeves	
<input type="checkbox"/> 2nd person present	Other:.....		

Has a job briefing and planning checklist been completed? Yes (Please attach) No (Go to Section 2C)

Section 2B Arc Flash Hazard Analysis

Method applied to define Arc flash energy

<input type="checkbox"/> Incident energy analysis method (Calculations) Available incident energy (Max)cal/ cm ² Arc Flash Boundaryft ormm	<input type="checkbox"/> Arc flash PPE categories from local regulatory requirements Using the task tables and then defining the appropriate PPE. Clothing, insulated tools and PPE must be in good condition and inspected in accordance with site Electrical Safety Program requirements prior to using.
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Identify appropriate clothing in the table below.

Arc flash protective clothing (PC = Personal clothing/ ARC = Arc rated clothing)			
<input type="checkbox"/> Long sleeve shirt (PC)	<input type="checkbox"/> Long Pants (PC)	<input type="checkbox"/> Long Sleeve shirt (ARC)	<input type="checkbox"/> Long Pants (ARC)
<input type="checkbox"/> Face shield or Arc flash suit hood	<input type="checkbox"/> Coverall (ARC)	<input type="checkbox"/> Suit pants (ARC)	<input type="checkbox"/> Suit hood (ARC)
<input type="checkbox"/> Balaclava (ARC)	<input type="checkbox"/> Suit Jacket (ARC)	<input type="checkbox"/> Jacket, parka, rainwear, or hard hat liner (ARC)	
<input type="checkbox"/> Gloves (ARC)	Other:.....		

Shock Protective Clothing			
<input type="checkbox"/> Hard hat	<input type="checkbox"/> Safety glasses or safety goggles	<input type="checkbox"/> Hearing protection	<input type="checkbox"/> Heavy duty leather gloves
<input type="checkbox"/> Isolated Leather footwear	Other:.....		

Has a job briefing and planning checklist been completed? Yes (Please attach) No (Go to Section 2C)

Section 2C Methods to Prevent 'Unqualified Persons' Access the Work Area

Signs/ Tags Barricades Attendants

Section 3 Authorization and Acceptance

Viasat Site Expert Electrical Person or Authorized Designee

I give authorization for the described work to proceed as per the conditions of this permit and I am satisfied that all the hazards associated with this permit to work are controlled.

Name: _____ Phone: _____ Signature: _____ Date & Time: _____

Additional requirements:

Person in Charge

I confirm that Person(s) Carrying Out the Work have the appropriate skills, knowledge, information, tools and equipment to perform the work safely. I further confirm that I have explained the permit conditions and control measures with the Person(s) Carrying Out the Work and have ensured these person(s) have received site orientation and general emergency procedures. It is safe to perform the work as defined above.

Name & Company: _____ Phone: _____ Signature: _____ Date & Time: _____

Person Carrying Out The Work Person in Charge is sole Person Carrying Out The Work (no extra signature required)

I acknowledge that the permit conditions have been explained to me and by virtue of my signature I commit to adherence of the permit conditions. Each person working on the job must sign.

Persons Carrying Out The Work have signed on the documented risk control procedure (Safe Plan of Action) (check if applicable)

Name & Company: _____	Signature: _____	Name & Company: _____	Signature: _____
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.....
.....

Section 4 Hand-Over (Start of Work)

Area Owner or Authorized Designee / EHS Manager or EHS Representative

I have reviewed the plan(s) to complete the described work and the hazards associated with this work are or will be controlled. I have checked the area(s)/system(s) where the work will be performed and I have not observed issues which should prevent the work from proceeding. I give authorization for the described work to proceed as per the conditions of this permit.

- Are the Utility System owners informed? Yes NA
- Are the Area Owners of possible affected area(s) informed? Yes NA
- I have informed all affected Employees Yes NA

Name & Company: _____ Phone: _____ Signature: _____ Date & Time: _____

Section 5 Hand-Back (End of Work)

Person in Charge

All activities associated with this permit to work have been completed and the area has been left in a safe, clean and tidy condition.

Name & Company: Signature: Date & Time:

Area Owner or Authorized Designee/ EHS Manager or EHS Representative

I have verified, through in place inspection, that the activities associated with this permit have been completed and that the area has been left in a safe, clean and tidy condition.

Name & Company: Signature: Date & Time:

Section 6 Extension of Validity

I have verified that General Work Permit no. still applies, also when extension of validity of this Live Electrical Work permit is given.

Permit extension until (Date & time, max 7 days/ extension):	Viasat Site Expert Electrical Person or Designee	Area Owner or Authorized Designee/ EHS Manager or EHS Representative	Person in Charge
	Name: Signature:	Name: Signature:	Name: Signature:
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Nothing in this Permit shall cause the Owner (Viasat Inc.) to assume responsibility for any of the legal obligations of the Contractor performing the work under applicable laws or the requirements of the Agreement governing the work.

THIS WORK PERMIT MUST BE POSTED IN THE WORK AREA. UPON JOB COMPLETION THIS SIGNED PERMIT MUST BE MAINTAINED FOR 24 MONTHS.