



COMPLEX SWITCHING & ISOLATION CHECKLIST

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TW BECKER
ELECTRICAL SAFETY CONSULTING

ELECTRICAL SAFETY BULLETIN

The most important question you personally need to ask, and answer is: **“Have I personally verified the “ABSENCE OF VOLTAGE?”**

Depending on whether you are only isolating low voltage branch circuit electrical equipment or completing high voltage electrical equipment complex switching & isolation the need for additional planning, review, referencing documentation, the need for two Qualified Persons with high voltage experience/competency are considerations and will be documented in an employer’s Electrical Safety Program and related Energized Electrical Working Alone Policy. This table should be included on an Energized Electrical Job Safety Planning form. Testing for absence of voltage is energized electrical work.

Complex Switching & Isolation Checklist		
QEW HV Person-in-Charged assigned?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
Single line diagram and other applicable drawings reviewed?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
Switching & isolation/LOTO procedure prepared & reviewed?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
Any backfeeds of the circuits to be worked on possible?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
Approved test instrument used and verified on a known source?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
Isolated, lock & tag applied by every worker?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
<u>ABSENCE OF VOLTAGE VERIFIED?</u>	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>
Temporary protective grounding reviewed, installed & recorded?	Y <input type="checkbox"/>	N <input type="checkbox"/> N/A <input type="checkbox"/>

RELEVANT RESOURCES

FREE DOWNLOADS

<https://twbesc.ca/esp-free-tools>

CONTACT



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