

Safety Cautions

Safety Instructions

The following safety precautions should be observed before any work is performed on the system containing the **BatteryDAQ** product.

- 1. This system is intended for installation by personnel who are trained and qualified to recognize the hazards associated with working with such systems and are familiar with the safety precautions required to avoid possible injury.**
- 2. Please take BatteryDAQ's in-class, on-site or remote training.**
- 3. Ensure that you have prepared and are following the 'Safe Work Plan – Electrical & Arc Flash Hazard Mitigation' guidelines relevant to the specific site and battery. This plan must be available with this MOP before installation starts.**
- 4. For DC power system with only one string, before proceeding, assess the charger's capacity to handle the full load when the battery is offline. In some cases, older designs may not have sufficient capacity to start the lubrication pump(s), which may still activate while the gas turbine is offline. If necessary, consider connecting a temporary battery to DC bus before taking the main battery offline.**
- 5. Please comply with any specific safety or operational requirements provided by the client's site.**
- 6. Never work on any system that threatens life or injury through hazardous voltages except when applying absolute safety precautions.**
- 7. Never work alone. Always ensure that you work with a properly trained colleague.**
- 8. BatteryDAQ recommends that when performing any work concerning batteries, the safety procedures and safe working practices as described in the appropriate battery manufacturers documentation should be followed at all times.**
- 9. Never make unauthorized changes or modifications to equipment. This may create unsafe, or even hazardous situations.**
- 10. Where the battery documentation recommends that links are removed for safe working, it is important to totally remove any unit which is connected across any link to be broken prior to separation and subsequent removal of the link. Failure to do so will result in the string not being totally isolated.**
- 11. Power off the unit when replacing/servicing cells for the battery. Any removed links must be fitted and reconnected before power on the unit.**

Tools and Equipment

1. Ensure all equipment and tools are proper, safe, and in good working order.
2. Ensure electrical tools have been tested for proper insulation and grounding where appropriate.
3. Observe all **CAUTION**, **WARNINGS**, and **DANGER** notices on equipment, tools, and buildings, whether internally or externally displayed.