Argonne NATIONAL LABORATORY

Facility Electrical Equipment Approval Form

For use at Argonne National Laboratory

Division: | Manufacturer:

Equipment Owner: | Model Number:

Equipment Name: | Serial Number:

Equipment Location: Building | Room | ANL Property Number:

Label Number:

☐ Multiple ☐ Single

Unlisted equipment that is determined to be safe to operate will have a tracking sticker attached for identification. Equipment that does not pass this evaluation will have a REJECTED sticker attached.

Use the following factors when evaluating equipment [NEC 110-3].

	APPROVE
1. Suitability for installation and use in conformity with the provisions of the NEC, including properly sized overcurrent protection and grounding and bonding.	☐
2. Mechanical strength and durability, including guarding of live parts and protection from environmental conditions.	☐
3. Wire bending and connection space, including access to servicable parts, component clearances and spacing.	☐
4. Electrical connections, including wire sizing, leakage currents, dielectric testing and polarity.	☐
5. Heating effects, including under normal conditions of use and also under abnormal conditions likely to arise in service.	☐
6. Arcing effects, including potential for arc flash hazard.	☐
7. Proper labeling, including voltage, current capacity and any additional wording necessary for safe operations.	☐
8. Other factors that contribute to the practical safeguarding of persons using or likely to come in contact with the equipment, including interlocks and non-electrical hazards.	☐

NOTE: APPROVED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE DESIGNER/BUILDER.

Comments: Include all designer/builder instructions, restrictions on use, drawings or information that is relevant to the safe installation and use of this equipment.

☐ **This equipment is approved for installation or use at ANL.**

☐ **This equipment is rejected for use at ANL. (See comments above)**

☐ **This equipment has been removed from service at ANL.**

Operating Environment:

☐ Indoor Use Only

☐ Damp/Wet Locations

☐ Hazardous/Classified Locations

Expiration Date:

IF THIS EQUIPMENT IS MODIFIED, DAMAGED OR UTILIZED FOR OTHER THAN THE INTENDED USE, THIS APPROVAL IS VOID, PENDING RE-EXAMINATION.

Inspection Date:	Inspector (Name):	Inspector (Signed)