

Non-NRTL/Modified NRTL Listed Electrical Equipment Approval Form For use at Argonne National Laboratory

			_					
Division:			Manufacturer					
Equipment Owner			Model Number					
Equipment Name			Serial Number					
Equipment Location	Building	Room	Argonne 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.								
			~ "					

Enclosure	Approve	N/A	Reject		
Operator not exposed					
to any hazard					
Not damaged		Щ	Ц		
Appropriate materials used	Ш	Ш	Ш		
Protects contents from operating environment					
Adequate shock					
protection	_	_	_		
(components well					
secured)					
Will contain any arcs,					
sparks and electrical					
explosions					
Power source - cord and plug					
Proper voltage and ampacity		П			
rating for plug and cord					
Grounding conductor	П	П			
included (if required)			_		
Not frayed or damaged	Ш	Ш	Ш		
Proper wiring of plug					
Strain relief on cord					
Power source - direct wired					
Proper voltage and ampacity rating for wiring method					
Installation according to the NEC					
Proper loading and					
overcurrent protection in					
branch circuit					
Foreign power supplies and equipment					
Connected to facility power					
with appropriate adapters					
Correct voltage, frequency and phasing					
Correct wire ampacity for US	_	_			
use		Ц	$ \sqcup $		
	1	1			

Grounding	Annrovo	N/A	Reject
Ground is properly terminated	Approve	IV/A	Kejeci
	Ш	Ш	Ш
All non-current carrying exposed metal is properly bonded			
All non-current carrying			
internal subsystems are properly bonded			
Equipment ground is run with circuit conductors			
Auxiliary ground is permitted			
Internal wiring			
Polarity correct			
Phasing correct			
Landing of ground correct			
Seperate line/high voltage from low voltage			
Wiring terminals and leads ok (no tension on terminals)			
Proper wire size			
No loose parts (mechanical bracing)			
Proper overcurrent protection			
Proper dielectric			
Clearance/creepage distances for high voltage ok			
Marking requirements			
Power requirements (voltage, current, frequency)			
Restrictions and limitations of use			
Make, model and drawing number			
Hazards, including stored energy			
Requirements for access (LOTO, stored energy, PPE)			

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						Label Number				
Tests perfo	rmed	Approve	N/A	Reject	1	Failure analysis	Approve	N/A	Reject	
	tinuity less than 1				I	Effect of ground fault				
Ohm					I	Effect of short circuit				
	of cord and plug				I	Effect of interlock failure				
Functional t						Effect of overload				
(GFCI, Eme Shut Off)	rigency	Ш		ш		Effect of incorrect setting				
	lischarge of high				_					
voltage capa						Secondary hazards RF hazards				
Other Issue	es									
Neat workm	anship					OC electric or magnetic fields				
Proper mana	agement of conductors				_	R, visible or UV				
Free from sl			П			K-Rays	<u> </u>		Ш	
Proper cool					I	Fire or electrical explosion				
	d controls readily	_				Documentation				
accessible	a controls readily				I	Documentation adequate				
Maintenan	ce				(Operating procedures				
	ssues with access and				7	Training and qualifications to use				
maintenance	2	Ш	Ш							
 □ This equipment is approved for installation or use at Argonne. □ This equipment is rejected for use at Argonne. (See comments above) □ This equipment has been removed from service at Argonne. IF THIS EQUIPMENT IS MODIFIED, DAMAGED OR UTILIZED FOR OTHER THAN THE INTENDED USE, THIS APPROVAL IS VOID, PENDING RE-EXAMINATION. 						Operating Environment: Indoor/Dry Locations Outdoor/Wet Locations Hazardous/Classified Locations Expiration Date:				
	Inspection Date:	Inspector (Na	ime):			Inspector (Signed):				

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