

Take 5 for Safety

E. Lessard

March 29, 2016

BROOKHAVEN
NATIONAL LABORATORY

a passion for discovery

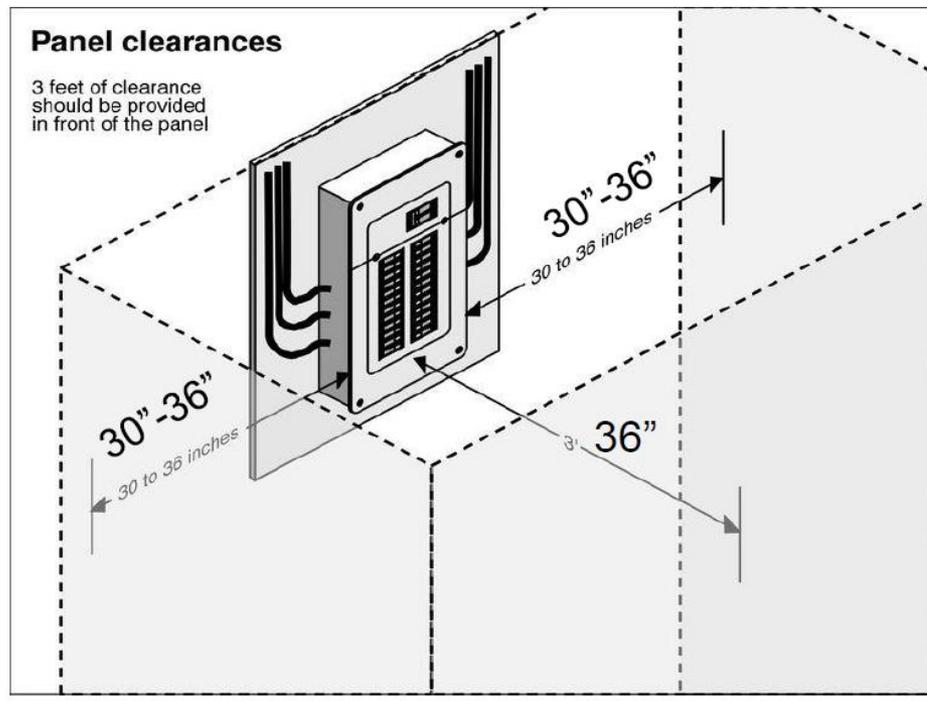


Blocked Electrical Panels

Bldg.	Location/Panel #	Floor Marked	Blocked with	Front (36")	Sides (30")	Labeled if permanently blocked	Comments
911	Rm 140 PNL-27B	No	Cart on wheels		x	NA	Blocked on right side of panel
911	Rm 144 PNL PP-17E	No	Cart and equipment	X	X	NA	
911	Rm 144 120/208	No	Gas Cylinder	X	X	NA	
911	Rm 160c FDS-7	No	Equipment and hood	X	X	No	Oven hood is a permanent structure
911	480 V AC unit	No	Desk	X		NA	
911	Rm 160 Panel 13-1	No	Rack	X		NA	
911	Rm 142 Panel 13C	No	Equipment	X	X	NA	
911	Highbay FDS-AP43-2	No	Bikes	X	X	NA	
912	SCH-ERL-RP1	Yes	Drums	X		NA	NEBA by ERL
912	PP 3M42-2	No	Pallet Jack	X	X	NA	
912	CB 3M42-2	No	Pallet Jack	X	X	NA	Sticker is loose on top of panel
912	SW-3M42-2-2R	No	Support Stand	X	X	NA	Blockhouse area
912	RP-3M43	No	Metal waste bin	X		NA	New Clean Room Area
912	LP-3M43	No	Table	X		NA	
912	Panel L-2 EEA Lights	No	Floor cleaning equip.	X	X	No	Permanently blocked to left
930	PML 1L-41-PB3-1	Yes	uA box on floor	X	X	NA	
930	PNL 2L-43-ELP-2	No	Magnet	X	X	No	Permanently blocked by magnet
930	FDS 3L-41-SWBD-5-5A	No	Test Cart	X		NA	

Blocked Electrical Panels

- The requirement comes from OSHA 1910, specifically 1910.303(g)(1) states *sufficient access and working space shall be provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such operation and*
- *working space required by this standard may not be used for storage*



WHY IS IT DANGEROUS TO BLOCK ELECTRICAL PANELS?

- **Storing equipment in front of electrical panels, blocks access. In the event of an emergency it may be necessary to turn of the electricity very quickly to avoid loss of life**
- **Electrical equipment creates heat, so they must be vented properly; when objects are placed too close or in front of electrical panels it creates a fire hazard**
- **If you see an electrical panel that is blocked, please unblock it or report it to your supervisor or the A&R Division (x5636)**

Picture of the Week –

