



Arc Flash Labeling Requirements Introduced in the 2002 Edition of the National Electric Code

- EMPLOYERS, not manufacturers or installers, are responsible for complying with NEC labeling requirements
- Switchboards, panel boards, industrial control panels, meter socket enclosures and motor control centers must be field marked. Many companies are also marking conduits, disconnect switches and any other equipment where the risk of arc flash exists
- Any equipment installed after 2002 needs to be labeled. For equipment installed before 2002, labeling must be applied if any modifications or upgrades take place. Many employers are taking the safe, efficient approach of labeling all their electrical equipment, regardless of when it was installed



May We Also Suggest...

Arc Flash Training Aids see next page

► Arc Flash Labels with Preprinted Hazard Categories

- Labels come with the hazard category and PPE requirements preprinted
- Write-in areas for specifics such as max arc rating, flash protection boundary, etc.
- B-933 Vinyl can be written on with a pen or marker

7" x 5" Arc flash & shock hazard; table

WARNING			
Shock & Flash Hazard			
_____ VAC shock hazard when		Flash Boundary _____	
_____ Prohibited Approach		Limited Approach _____	
_____ Restricted Approach		_____	
Hazard Category	V-Rated Gloves	V-Rated Tools	
• When operating controls with covers on or doors closed:	NA	NA	
• When working on or near exposed live parts:			
Hazard Category	Required Flash Protection Equipment	Mfn. Arc Rating (cal/cm ²)	
-1	T-shirt and long pants (natural fibers), safety glasses	N/A	
0	Long-sleeve shirt and long pants (natural fibers), safety glasses	N/A	
1	FR shirt and pants (or FR coveralls), hard hat, safety glasses, leather gloves and shoes (as needed)	4	
2	Cotton underwear, FR shirt and pants (or FR coveralls), hard hat, safety glasses or goggles, arc-rated face shield or flash suit hood, hearing protection, leather gloves and shoes	8	
3	Cotton underwear, FR shirt and pants plus FR coveralls or 2 sets of FR coveralls, hard hat, flash suit hood, safety glasses or goggles, hearing protection, leather gloves and shoes	25	
4	Cotton underwear, FR shirt and pants (or FR coveralls), full flash suit with hood, hard hat, safety glasses or goggles, hearing protection, leather shoes and gloves	100	
Equipment ID: _____			

Catalog #	Qty.	Header	Size
99462	5	WARNING	7" x 5"
99463	5	DANGER	7" x 5"

Arc flash hazards and PPE requirements can vary depending on whether the panel door or cover is open. This format allows you to specify different ratings based on the type of task to be performed.

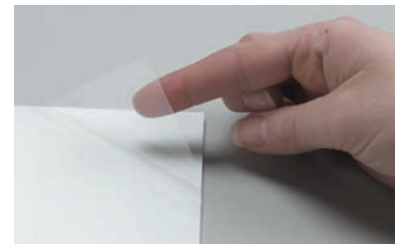


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► Protective Overlaminates for Write-On Labels

- 1.5 mil clear polyester overlaminates help protect handwritten data on vinyl labels from chemicals and abrasion. Sheets have an acrylic lay-flat liner

Catalog #	Size (in.)
99272	4½" x 6½"
99276	5½" x 7½"



4" x 6" Arc flash hazard only

WARNING	
Arc Flash Hazard	
Appropriate PPE Required	
Flash Protection Boundary _____	Flash Hazard Category 3 Mfn. Arc Rating (cal/cm ²) _____
Flash Protection Equipment	
<input type="checkbox"/> Cotton underwear <input type="checkbox"/> FR shirt and pants plus FR coveralls <input type="checkbox"/> Flash suit hood and hard hat <input type="checkbox"/> Safety glasses or goggles <input type="checkbox"/> Hearing protection <input type="checkbox"/> Leather gloves and shoes	
Equipment ID: _____	

Catalog #	Qty.	Header	Hazard Category	Size (in.)
99478	5	WARNING	-1	4" x 6"
99480	5	WARNING	0	4" x 6"
99482	5	WARNING	1	4" x 6"
99484	5	WARNING	2	4" x 6"
99421	5	WARNING	2*	4" x 6"
99486	5	WARNING	3	4" x 6"
99488	5	WARNING	4	4" x 6"
99479	5	DANGER	-1	4" x 6"
99481	5	DANGER	0	4" x 6"
99483	5	DANGER	1	4" x 6"
99485	5	DANGER	2	4" x 6"
99622	5	DANGER	2*	4" x 6"
99487	5	DANGER	3	4" x 6"
99489	5	DANGER	4	4" x 6"

Identifies maximum arc flash hazard. Available for Hazard Categories -1 thru 4.

5" x 7" Arc flash & shock hazard

DANGER	
Arc Flash & Shock Hazard	
Appropriate PPE Required	
Flash Hazard Category 4	VAC Shock Hazard When: _____
Mfn. Arc Rating (cal/cm ²) _____	Flash Protection Boundary _____
FLASH PROTECTION	
<input type="checkbox"/> Cotton underwear <input type="checkbox"/> FR shirt and pants (or FR coveralls) <input type="checkbox"/> Full flash suit with hood <input type="checkbox"/> Hard hat <input type="checkbox"/> Safety glasses or goggles <input type="checkbox"/> Hearing protection <input type="checkbox"/> Leather gloves and shoes	
SHOCK PROTECTION	
Limited Approach Boundary _____ Restricted Approach Boundary _____ Prohibited Approach Boundary _____ PPE: <input type="checkbox"/> Class _____ <input type="checkbox"/> Wrating _____	
Equipment ID: _____	

Catalog #	Qty.	Header	Hazard Category	Size (in.)
99464	5	WARNING	-1	5" x 7"
99466	5	WARNING	0	5" x 7"
99468	5	WARNING	1	5" x 7"
99470	5	WARNING	2	5" x 7"
99472	5	WARNING	2*	5" x 7"
99474	5	WARNING	3	5" x 7"
99476	5	WARNING	4	5" x 7"
99465	5	DANGER	-1	5" x 7"
99467	5	DANGER	0	5" x 7"
99469	5	DANGER	1	5" x 7"
99471	5	DANGER	2	5" x 7"
99673	5	DANGER	2*	5" x 7"
99475	5	DANGER	3	5" x 7"
99477	5	DANGER	4	5" x 7"

Identifies maximum arc flash hazard. Available for Hazard Categories -1 thru 4.