

Laminated Safety Posters

- Laminated safety posters are designed to provide continued reinforcement of your ongoing safety program
- Concise, easy to understand explanations of key safety topics and their specific issues
- All posters are laminated on both sides

+ **May We Also Suggest...**
Additional Arc Flash Training Tools Available see pg 274

work live **Preventing Arc Flash Injuries**

arc flash is a short circuit through air, that flashes over from one exposed live conductor to another, or to ground. Lightning is an example of a naturally occurring arc flash!

Arc flash is extremely dangerous and can cause traumatic injury or death!
Never work live without management approval and a complete understanding of the associated hazards and safe work practices.

What are common causes of arc flash?

- Placing a conductive object too close to a high-amp source of current
- Sparks from dropping tools, racking breakers, replacing fuses, etc.
- Equipment failure due to the use of substandard components, improper installation, or just normal wear and tear
- Circuit breaker failure due to lack of maintenance or oversize of the reset function
- Breaks or gaps in insulation
- Dust, corrosion and other impurities on the surface of the conductor

Tasks that may expose you to danger:

- Removing or installing circuit breakers and fuses
- Working on control circuits
- Cleaning starter buckets in an MCC
- Taking a voltage reading
- Applying safety grounds
- Tossing a circuit breaker
- Operating disconnect switches
- Installing conductors and bus duct switches

How to protect yourself and others:

- Whenever possible, lockout equipment before service and maintenance.
- Keep unqualified personnel outside of the flash protection boundary.
- Conduct a hazard assessment and follow approved safe work practices.
- Wear appropriate protective clothing and equipment per chart.
- Use insulated gloves, tools, blankets and barriers.
- Apply safety grounds
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Arc Flash Hazard Categories & Personal Protection Requirements
Taken from NFPA 70E, Standard for Electrical Safety in the Workplace

Incident Category	Required Personal Protection	No. Arc Flash Cal/cm²	Incident Category	Required Personal Protection	No. Arc Flash Cal/cm²
0	Long-sleeved Shirt & Long Pants (not Flammable) Safety Glasses	<1	3	Cotton Underwear Fire Resistant Shirt & Pants (or Flammable Coveralls)	25
1	Fire Resistant Shirt & Pants (or Fire-Resistant Coveralls) Hard Hat Safety Glasses Leather Gloves & Shoes	1-4	4	Hard Hat Safety Glasses or Goggles Flash Suit Hood Hearing Protection Leather Gloves & Shoes	40
2	Cotton Underwear Fire Resistant Shirt & Pants (or Fire-Resistant Coveralls) Hard Hat Safety Glasses or Goggles Arc-Flashed Face Shield (or Flash Suit Hood) Hearing Protection Leather Gloves & Shoes	4-8	5	Hard Hat Safety Glasses or Goggles Full Flash Suit with Hood Hearing Protection Leather Gloves & Shoes	80

BRADY. When in doubt lock it out!

104571 - Preventing Arc Flash Injuries Poster (18"H x 24"W)

Regulatory Marking

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BONDING & GROUNDING
LIQUID FLOW CREATES STATIC SPARKS... SPARKS + FLAMMABLE VAPORS = FIRE!

CLAMP STYLES

GROUNDING & BONDING AT SOLVENT DISPENSERS

PROTECTIVE SYSTEM FOR DRUM RACK

TRANSFER WITH DRUM PUMP

LOW VOLUME FAUCET DISPENSING PROTECTION

PRINZING

PS145E - Bonding & Grounding (18"H x 24"W)

You Have the Breath of Life!
(CPR) CARDIOPULMONARY RESUSCITATION TECHNIQUE
CHECK VICTIM ... No Response, CALL 911

- 1. AIRWAY OPEN?**
CHECK FOR BREATHING, CHECK PULSE.
IF NO PULSE, FIND CORRECT HAND POSITION.
- 2. BEGIN CHEST COMPRESSION.**
COMPRESS THE CHEST ABOUT 2 INCHES.
RELEASE.
USE YOUR BODY WEIGHT, NOT ARMS.
REPEAT 15 TIMES.
- 3. TO GIVE RESCUE BREATHS,**
TILT HEAD BACK TO OPEN AIRWAY.
PINCH VICTIM'S NOSE SHUT.
MAKE TIGHT SEAL AROUND VICTIM'S MOUTH WITH YOUR MOUTH.
BREATHE GENTLY INTO VICTIM FOR 2 SECONDS, LET AIR ESCAPE! REPEAT.
- 4. RECHECK FOR SIGNS OF BREATHING AND CIRCULATION...**
NO MORE THAN 10 SECONDS.
- 5. IF NO SIGNS,**
CONTINUE CYCLES OF 15 CHEST COMPRESSION AND 2 RESCUE BREATHS.
- 6. RECHECK FOR SIGNS EVERY 2 MINUTES.**
IF NONE, REPEAT CYCLE UNTIL HELP ARRIVES.

CHECK VICTIM ... No Response, CALL 911

PRINZING

PS147E - CPR (18"H x 24"W)

CHECK THE FIT!
Your Health Depends on it

THIS IS YOUR RESPIRATOR SELECTED FOR YOU! IT WAS FITTED TO YOUR FACE.

HALF MASK **FULL-FACE**

YOUR FIT TEST WAS ADMINISTERED USING AN OSHA ACCEPTED PROTOCOL.

ISOAMYL ACETATE **IRRITANT SMOKE**

NOW! IT IS UP TO YOU...

OSHA mandates that you perform a user seal check each time you put on your respirator.

A. POSITIVE PRESSURE CHECK
Close off the Exhalation Valve and exhale gently into the Facepiece. The Face Fit is considered acceptable if a slight Positive Pressure can be built up inside the Facepiece without any evidence of outward leakage of air at the seal.

B. NEGATIVE PRESSURE CHECK
Close off the Inlet opening of the Center or Cartridge(s) by covering with the palm of the hand(s) or by replacing the Filter Seal(s), inhale gently so the Facepiece collapses slightly and hold your breath for ten seconds. If the Facepiece remains in its slightly collapsed condition and no inward leakage of air is detected, the tightness of the Respirator is considered acceptable.

PRINZING

PS149E - Respirator Fit Test (24"H x 18"W)