



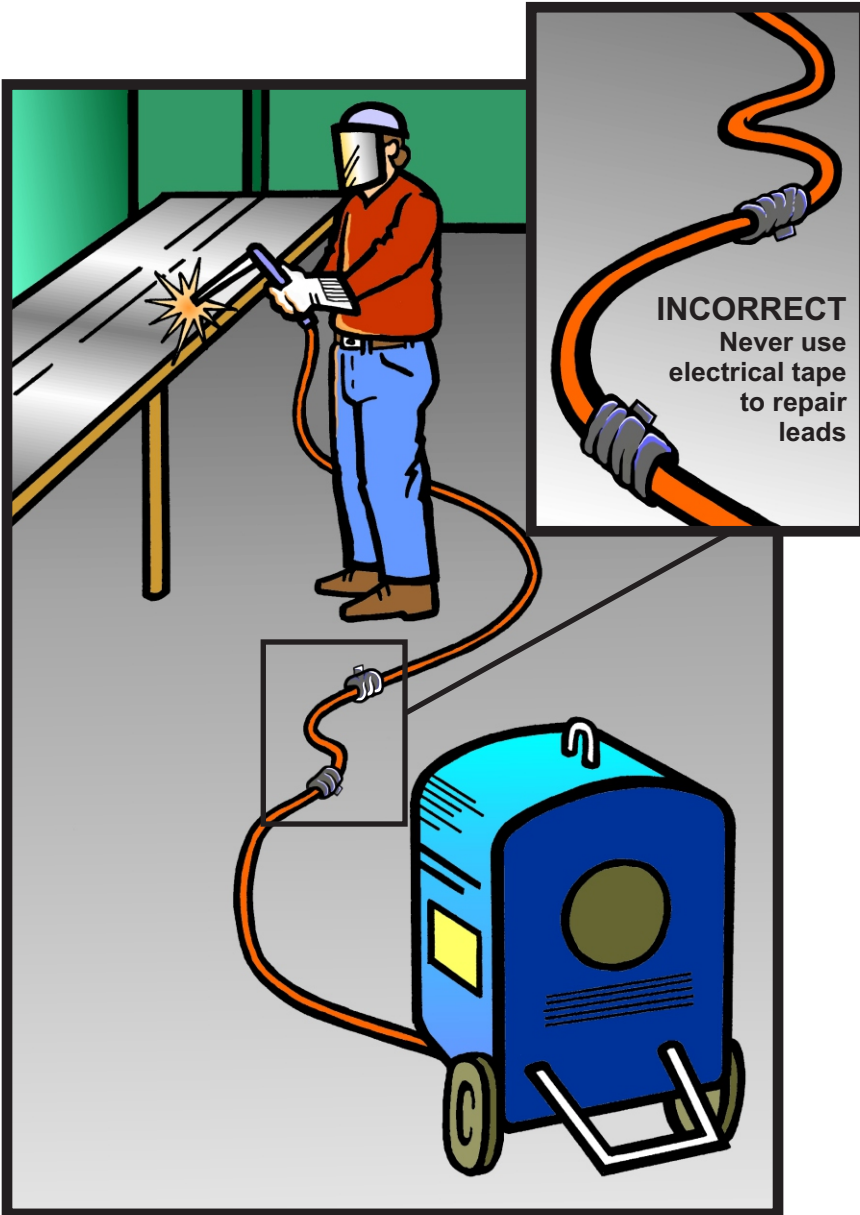
# TOOLBOX

## SAFETY TRAINING

Company \_\_\_\_\_ Location \_\_\_\_\_ Date \_\_\_\_\_

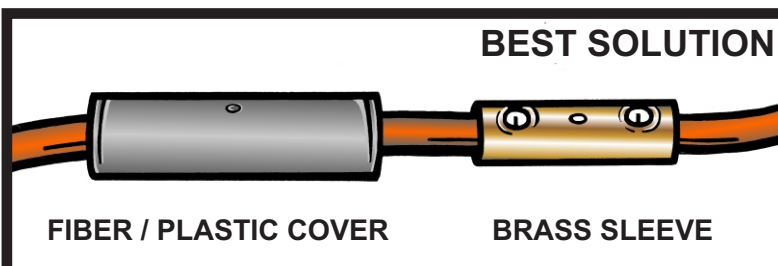
**Vol 32 - No 14**

### REPAIRING WELDING LEADS



One of the most frequently cited violations involving Welding & Cutting is arc welding cables improperly spliced or in need of repair. Contractors are often misled about the practice of using electrical tape to repair welding leads. Although this may seem to be sufficient, electrical tape is not intended for this purpose.

Cables in need of repair cannot be used until they are put into safe serviceable condition, see OSHA Standard 1926.351(b)(3). One of the best methods of repair would be to purchase a welding cable splice kit which comes with a brass sleeve to secure the cables and an insulated fiber/plastic cover that locks over the repaired area of the lead. Remember that you must repair the outer sheathing to its original insulating capacity.



**1926.351(b)(2)** Only cable free from repair or splices for a minimum distance of 10 feet from the cable end to which the electrode holder is connected shall be used, except that cables with standard insulated connectors or with splices whose insulating quality is equal to that of the cable are permitted.

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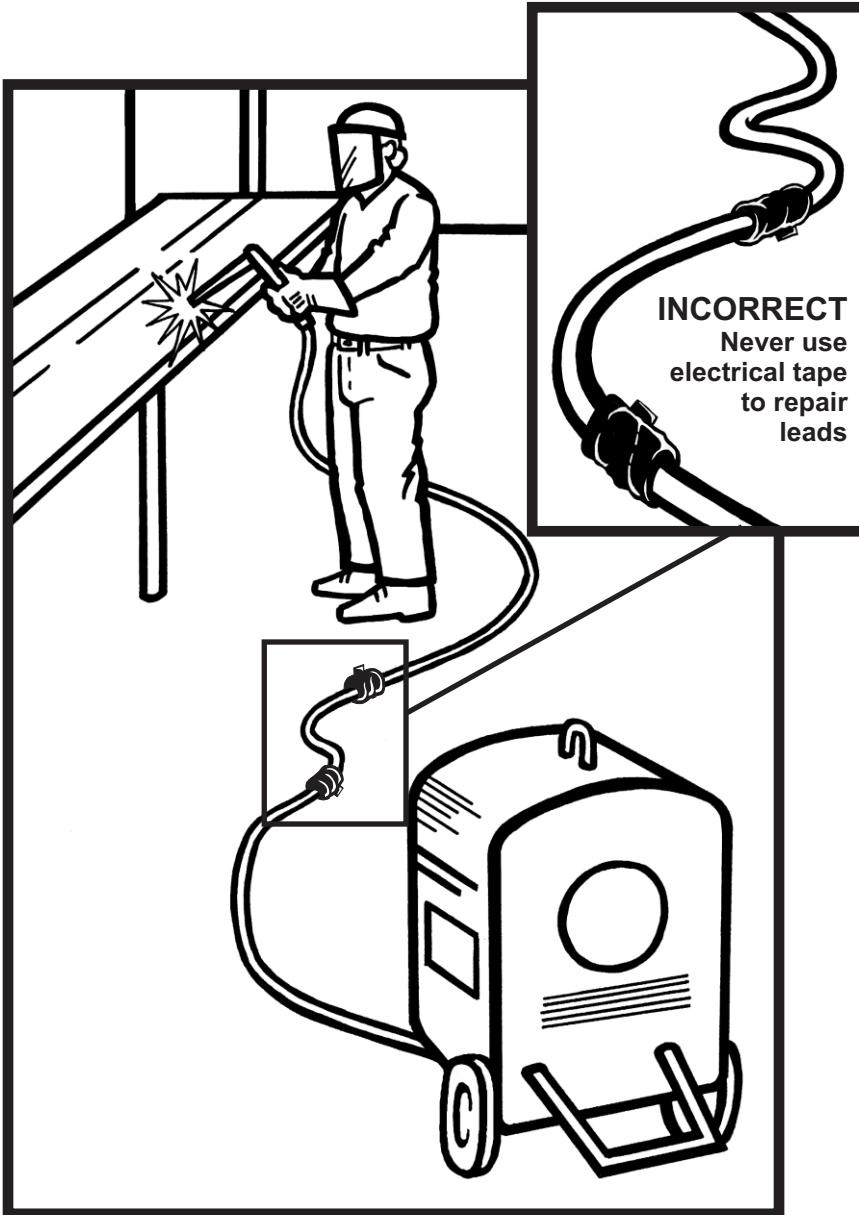
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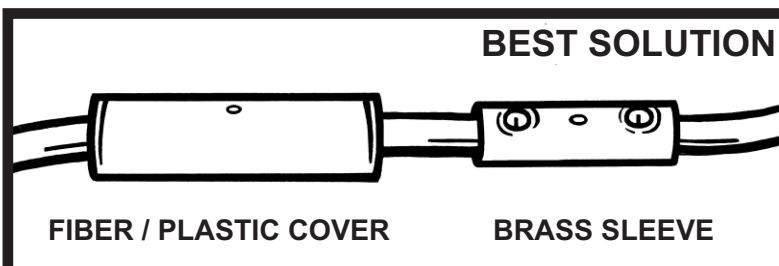
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