Mr. Gunstenson
Welding

MW 05 - SMAW Equipment and Supplies Worksheet

What is another name for SMAW? (99)

Describe a SMAW stations (99)

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Are welding machines designed to produce (99)

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Where is SMAW used? (99)

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What are the two power sources for SMAW? (99)

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What is the purpose of a transformer? (101)

What happens when current flows in a wire? (101)

What is a diode? (102)

Describe DCEN (109)

Describe DCEP (109)

Define Duty Cycle (114)

Recommended Duty Cycle? (114)

Define Welding Lead (114)

What makes lead cables flexible? (114)

Common type of electrode holder (117)

Describe a SMAW Electrode (118)

What does dampness do to an electrode? (118)

What covers a SMAW electrode? (119)

What are the functions of flux? (119)

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What is the coating residue called (120)

What does slag do? (120)

Define AWS classification for digits? (120)

Tensile strength of a 60 series electrode? (120)

What do the last two digits indicate? (122)

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What does the second digit indicate? (122)

How does the addition of iron powder affect arc? (123)

What percent increase of current can be used with EXX18? (124)

What is the rule on cleaning slag? (125)

How do you clean slag? (125)

Identify 6010 & 7018 electrodes (120)

Electrodes must not be used? (125)

What shade of filter lens should be used? (126)

GMAW -
SMAW -

What is the rule about clothing? (128)