

### MW 05 - SMAW Equipment and Supplies Worksheet

What is another name for SMAW? (99)

Are welding machines designed to produce (99)

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Where is SMAW used? (99)

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What is the purpose of a transformer? (101)

What is a diode? (102)

Describe DCEP (109)

Recommended Duty Cycle? (114)

What makes lead cables flexible? (114)

Describe a SMAW Electrode (118)

What covers a SMAW electrode? (119)

What is the coating residue called (120)

What does slag do? (120)

Tensile strength of a 60 series electrode? (120)

Describe a SMAW stations (99)

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

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

Describe DCEN (109)

Define Duty Cycle (114)

Define Welding Lead (114)

Common type of electrode holder (117)

What does dampness do to an electrode? (118)

What are the functions of flux? (119)

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Define AWS classification for digits? (120)

What do the last two digits indicate? (122)

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)