

WELDING AND CUTTING STEEL PROGRAM 1-OBJECTIVES WORKSHEET **Module 1-Principles And Setup**

A-2

GMA (MIG) welding is the preferred method for welding on _____ gauge metal. GMAW is a _____ type of _____ welding.

A-3

Advantages of GMAW include a small _____ zone around the weld, low _____ can be used on thin metal, it works well for welding _____ steel, is easy to learn, and gives the technician increased control.

B-2

Voltage remains _____ once set. When the voltage increases, the _____.

In GMAW, the _____ correlates with the _____ rate. Higher current is produced with an increase in _____ rate.

B-3

GMAW machines are plugged into _____ power source power and converted to _____.

B-4

_____ polarity is recommended for collision repair. This is when the electrode is _____ and the workpiece is _____.

B-5

_____ polarity is recommended when using _____ wire. This is when the electrode is _____ and the workpiece is _____.

B-6

The types of transfer methods are:

- _____
- _____
- _____

B-8

_____ transfer is the preferred method on sheet metal because it generates _____ heat so the metal stays _____.