

**Mild (Carbon Steel) and Low Alloy Classification Designators for Flux Cored Wires**

**Mandatory Classification Designators**

Both C.S. and L.A.	C.S. only	L.A. only
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Designates an electrode for both C.S & L.A flux cored wires.

Tensile strength designator. For both C.S & L.A flux cored wires, this designator indicates the minimum tensile strength (when multiplied by 10 ksi) of the weld metal when the weld is made in the manner prescribed by its specification.

Positionality designator. This designator is either "0" or "1." "0" is for flat and horizontal positions only. "1" is for all positions (flat, horizontal, vertical with downward progression and/or vertical with upward progression and overhead).

This designator identifies the electrode as a flux cored electrode.

Usability designator. For L.A. flux cored wire, this designator is the number 1, 4, 5, 6, 7, 8, or 11 or the letter "G." The number refers to the usability of the electrode. The letter "G" indicates that the polarity and general operating characteristics are not specified. Deposit composition designator. Two, three or four digits are used to designate the chemical composition of the deposited weld metal. The letter "G" indicates that the chemical composition is not specified.

Usability designator. For C.S. flux cored wire, this designator is some number from 1 through 14 or the letter "G" (or "GS"). This designator refers to the usability of the electrode with requirements for polarity and general operating characteristics. The letter "G" indicates that the polarity and general operating characteristics are not specified. An "S" is used after the "G" to indicate that the electrode is suitable only for single pass welding.

