



Son Set Consultants

7679 North 140th East Ave.
Owasso, OK 74055
918-633-0740

E-Mail: Rick@weld-procedure.com, WEB: www.weld-procedure.com

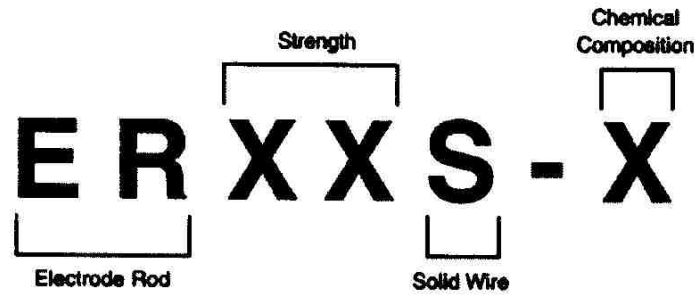


Figure 3.11—GMAW Electrode Identification System

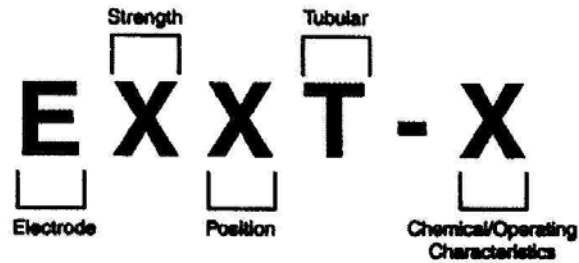


Figure 3.17—FCAW Electrode Identification System

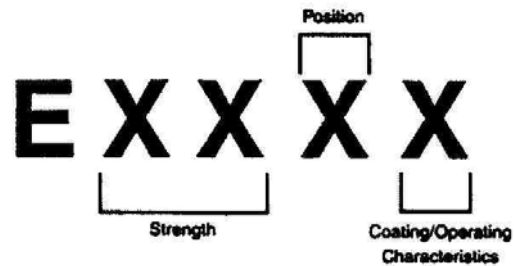


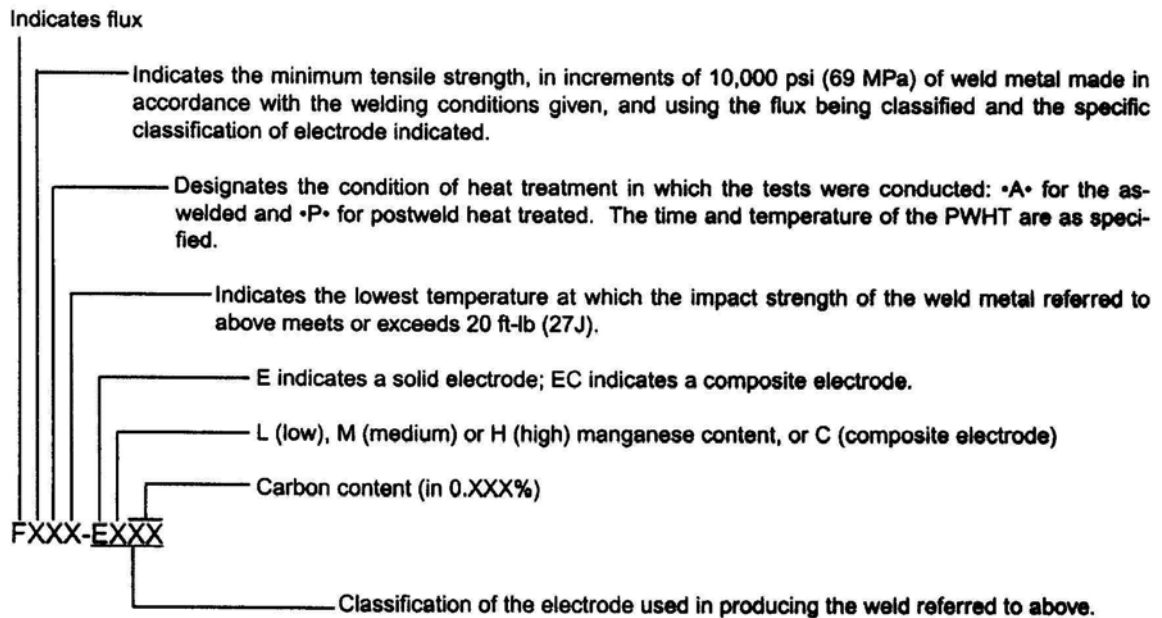
Figure 3.3—SMAW Electrode Identification System



Son Set Consultants

7679 North 140th East Ave.
 Owasso, OK 74055
 918-633-0740

E-Mail: Rick@weld-procedure.com, WEB: www.weld-procedure.com



Examples

F7A6-EM12K is a complete designation. It refers to a flux that will produce weld metal which, in the as-welded condition, will have a tensile strength no lower than 70,000 psi (480 MPa) and Charpy V-notch impact strength of a least 20 ft-lb (27 J) at -60°F (-51°C) when produced with an EM12K electrode under the conditions called for in this specification.

F7A4-EC1 is a complete designation for a flux when the trade name of the electrode used in the classification is indicated as well. It refers to a flux that will produce weld metal with that electrode, which in the as-welded condition, will have a tensile strength no lower than 70,000 psi (480 MPa) and Charpy V-notch of at least 20 ft-lb (27 J) at -40°F (-40°C) under the conditions called for in this specification

Figure 3.24—SAW Filler Metal Identification System