

## **SECTION 1047 -- WELDING ELECTRODES AND FLUXES**

### **1047.01 -- Description**

All welding electrodes and fluxes shall conform to the requirements of the American Welding Society (AWS) Standard Specifications.

### **1047.02 -- Material Characteristics**

1. Shielded metal-arc welding electrodes shall conform to AWS Specifications for Mild Steel Covered Arc-Welding Electrodes.
2. Submerged-arc welding electrodes and flux shall conform to AWS Specifications for Bare Mild Steel Electrodes and Fluxes for Submerged-Arc Welding.
3. Gas metal-arc welding electrodes shall conform to AWS Specifications for Mild Steel Electrodes for Gas Metal-Arc Welding.
4. Flux-cored arc welding electrodes shall conform to AWS Specifications for Mild Steel Electrodes for Flux-Cored Arc Welding.

## **SECTION 1048 -- STEEL FORGINGS**

### **1048.01 -- Description**

Steel forgings shall conform to the requirements of AASHTO M 102.

### **1048.02 -- Acceptance Requirements**

Steel forgings shall be accepted based on a manufacturer's certified test report that indicates the material meets the requirements in AASHTO M 102.