

Non Ferrous Alloys:

Nonferrous metals are non-iron based metals such as aluminum and aluminum alloys, copper and copper alloys, nickel and nickel alloys, titanium and titanium alloys, and magnesium and magnesium alloys. Today, nonferrous metals are used in various welding constructions for diverse industrial applications.

However, their weld ability is quite different from that of steel, due to specific physical and metallurgical characteristics. Therefore, the welding procedure for nonferrous metals should be thoroughly examined taking into account the inherent characteristics of the particular nonferrous metal to be welded, in order to get sound weldments.

