

Oxyfuel Gas Welding Rod

Alloy: WWRG45
Class: RG45

Certification: AWS A5.2
ASME SFA A5.2

Alloy: RG45
Weld Process: Oxyfuel Gas Welding Rod

AWS Chemical Composition Requirements

C = 0.08 max	Cu = 0.30 max
Mn = 0.50 max	Cr = 0.20 max
Si = 0.10 max	Ni = 0.30 max
P = 0.035 max	Mo = 0.20 max
S = 0.040 max	Al = 0.02 max

Recommended Operation of Welding Rods

Either forehand or backhand welding may be used.

Use a neutral flame or with a slight excess of acetylene. In the making of it is possible to produce a weld with a composition intermediate between those of the base metal and the filler metal.

Deposited Chemical Composition % (Typical)

C = 0.07	Si = 0.07	Mn = 0.25
P = 0.03	S = 0.03	

Application

This welding rod of class RG may be used to join wrought Iron and are a general purpose oxyfuel gas welding rod.

Deposited All Weld Metal Properties %
(Typical) As-Welded

Not Specified in AWS Specification

Deposited Charpy-V-Notch Impact Properties %
(Typical) As-Welded

Not Specified in AWS Specification

