Oxford® ALLOYS, Inc.
Supplier of Welding Alloys

Mild and Low Alloy Steel Coated Electrodes

Oxford Alloy® 9015-B9

SPECIFICATIONS
AWS 5.5
ASME SFA 5.5

CLASSIFICATIONS
AWS E9015-B9
UNS W50425

DESCRIPTION / APPLICATION
Oxford Alloy E9015-B9 is a low hydrogen sodium coated electrode designed for out of position welding. This electrode is recommended for direct current, reversed polarity only. This electrode is used to weld the modified 9% Chromium – 1% Molybdenum steels such as P91, T91 and F91. This electrode is used in heavy wall components such as main steam piping and turbine rotors in fossil fuelled power generating plants.

AWS Chemical Composition

C	Mn	Si	P	S	Ni	Cr
0.08-0.13	1.20 max	0.30 max	0.01 max	0.01 max	0.8 max	8.0-10.5
Mo	**V**	**Cu**	**Al**	**Nb**	**N**	
0.85-1.20	0.15-0.30	0.25 max	0.04 max	0.02-0.10	0.02-0.07	

TYPICAL MECHANICAL PROPERTIES

Tensile strength:	89,900 psi	620 MPa
Yield strength:	76,850 psi	530 MPa
Elongation:	17%	

Please contact our sales department for more information at 800-562-3355 or 225-273-4800.