SC-EG3

Classification

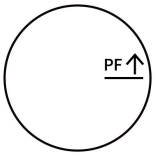
AWS AWS A5.26/ ASME SFA-5.26 EG82T-NM2

EN ISO 17632-A T46 4 ZMn1.5NiMo M C1 2 H5

Welding Positions



3G



Features

- Electro gas arc welding process
- High deposition(vertical up butt welding)
- Low temperature service

Polarity

DC+

Application Areas

- Shipbuilding
- LPG and LNG storage tank

Shielding Gas

100% CO2

Approvals

ABS	BV	CCS	DNV	KR	LR	NK	RS	CE
✓	✓	✓	✓	✓	✓	✓	✓	✓

Typical Chemical Composition of All-Weld Metal (wt%)

Shielding Gas	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
100% CO2	0.07	0.26	1.7	0.010	0.010	0.01	1.5	0.03	0.17	0.02

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
100% CO2	570 (83)	650 (94)	23.8	-60 (-75)	78 (58)

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.6 (1/16)	330~380