GWELD
SEAL OF TRUST

Gemet 833N

Classification: AWS/SFA 5.11: ENiCrMo-13

CHARACTERISTICS:

Basic coated Nickel based electrode manufactured using suitable wire for welding of Nickel-base alloys and other high corrosion resistant Ni-Cr-Mo and alloys as well as special stainless steel types. Deposited welds are resistant in sulphurous acid environment, highly concentrated with chloride and highly oxidizing solution.

TYPICAL APPLICATIONS:

- Excellent dissimilar welding electrode offering protection against preferential weld metal corrosion for joining molybdenum containing stainless steel Inconel alloys etc.
- Off-shore components, boilers, containers, piping systems in the chemical and petrochemical industries, power and marine industries.
- For base metal ASTM B574, B575, B619, B622 and B626 alloys (UNS number N06059)

CHEMICAL COMPOSITION OF THE WELD METAL:

C: 0.02 max	Cr: 22.0-24.0
Mn : 1.0 max	Mo : 15.0-16.5
Si : 0.20 max	Ni : Remainder
S : 0.01 max	Cu : 0.50 max
P : 0.015 max	Fe : 1.5 max

MECHANICAL PROPERTIES OF THE WELD METAL:

UTS (MPa)	Elongation (%) (L=4d)
690 min	25 min.

Current Condition and Packing Specification

SIZE (mm)	LENGTH (mm)	DC(+) (Amps)	PACKING/ PKT (KG.)	QTY./BOX (KG.)
2.50	250/300	50-70	2.0	20
3.15	300/350	70-100	2.0	20
4.0	350	80-140	2.0	20
5.0	350	130-160	2.0	20