



Thunderstorm<sup>®</sup>  
**POWER ON**

Premium Welding Consumables



### Power Alloy E9018-G

### Low Alloy and Chrome-Moly Steel Welding Electrode

**CLASSIFICATION :** A 5.5 :  
E9018-G

#### CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt % :

C	Mn	Si	S	P	Ni	Mo
0.09 max	1.70 max	0.45 max	0.03 max	0.03 max	1.10-1.60	0.40 max

#### MECHANICAL PROPERTIES OF ALL WELD METAL :

UTS, Mpa	YS, Mpa	EL %	Impact (J)	Welding Condition
630-700	550-620	20-24	≥ 35 at -60° C	DC+ ; AC

#### KEY FEATURES :

- Basic coated iron powder electrode
- Ni-Mn-Mo type weld deposit
- All Position capability

#### APPLICATIONS :

- Boilers and heavy structures subject to dynamic loading & mechanical restraint
- Welding of high tensile steels, pressure vessels

# L-Zee Electrode

An ISO 9001 : 2008 Certified Company