



الجزائرية القطرية للصلب  
ALGERIAN QATARI STEEL



# LIME & DOLOMITE

AQS LCP produce high-grade Calcined lime and Dolomite for captive consumption with a combined annual production capacity of 280,000 metric tons both.

Both high grade Lime and Dolomite are used extensively as a flux in the refining of the steel.

In the Electric Arc Furnace, Lime is particularly useful in removing phosphorous, Sulphur, silica, and a insignificant amount of manganese.

Lime & Dolomite are also used to perform other critical functions such as fine-tuning steel chemistry, lowering oxygen content, reducing the inclusions trapped by the slag,

## LIME SPECS

Spec	Range
CaO	94% Min
MgO	1.5% Max
LOI	5% Max
SiO <sub>2</sub>	2% Max
CO <sub>2</sub>	5% Max
H <sub>2</sub> O	0.5% Max
Bulk Density	1 T/M <sup>3</sup>

## DOLOLIME SPECS

Spec	Range
CaO	57% - 60%
MgO	35% - 40%
SiO <sub>2</sub>	2.4%
S	0.2% Max
CO <sub>2</sub>	5% Max
H <sub>2</sub> O	0.5% Max
Bulk Density	1 T/M <sup>3</sup>

