

DRI (Sponge Iron)

Our DRI Analysis shows high metallization and low gangue, which meet the requirements of steel making operation. The typical quality of sponge produced from MIDREX plant at Qatar Steel.



DRI Specification

	Guaranteed	Expected
Chemical Composition		
Total Iron (T. Fe)	91.0% Min	92.0%
Metallic Iron (M.Fe)	85.0% Min	86.0%
Metallization	93.0% Min	94.0%
Carbon (C)	2.20% Min	2.40%
Phosphorous(P)	0.06% Max	0.04%
Sulphur (S)	0.01%Max	0.002%
Total Gangue (CaO+Al ₂ O ₃ +MgO+siO ₂)	4.8%Max	4.20%

Physical Analysis

BulkDensity(Tons/M3)	1.6~1.9
Size Under 5 mmat Loading Port	5.0%Max

Material Safety Data Sheet (MSDS)

MSDS for DRI
