

ANNEXE N°2 : TECHNICAL PRODUCT SPECIFICATION

	TECHNICAL SPECIFICATION METALLIC COKE 30 – 80 mm	
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I. PURPOSE OF THE SPECIFICATION:

This is metallurgical coke 30 – 80 mm, imported on board ships and intended for supplying blast furnaces

I. SPECIFICATION TECHNIQUE

PHYSICOCHEMICAL ANALYZES

Parameter	Tolerance	Item not compliant	Discharge point
Total humidity	4.00% Max	>4.00%	>7%
Ashes	11.00% Max	>11.00%	>11.5%
Volatile materials on dry	1.00% Max	>1.00%	>1.20%
Sulfur “S”	0.80% Max	>0.80%	>0.90%
Phosphorus “P”	0.06% Max	>0.060%	>0.065%
Alkaline in ashes (Na ₂ O and K ₂ O)	2.5% Max	>2.5%	>2.5%
CSR	62% Min	<62%	<61%
CRI	24 - 30%	<24% et 30%	<24% et 30%
M10	8% Max	>8%	>8%
M40	80 - 84%	<80% et 84%	<79% et >85%
Granulometry			
>80 mm	6% Max	>6%	>8%
<30 mm	5% Max	>5%	>6%

EVALUATION OF THE TECHNICAL PARAMETERS OF THE OFFER:

Parameter	Tolerance required
Total humidity	<4%
Ashes	8% - 11%
Volatile substances on dry	0.5% - 1%
Sulfur "S"	0.3% – 0.8%
Phosphorus "P"	0.03% – 0.06%
Alkaline in ashes (Na ₂ O and K ₂ O)	1.8% – 2.5% Max
CSR	>62% - <68%
CRI	24% – 30%
M10	5% - 8%
M40	80% - 84%
GRANULOMETRY < 30 mm	5% max
GRANULOMETRY > 80 mm	6% max

Quantity Required - 8,000 MT