

LANKA COAL COMPANY STANDARD VALUES FOR COAL- 2022

The Lakvijaya Power Plant will be operated as a base load unit, fueled by low Sulphur coal having standard properties (the LCC Standard Values) given below.

LANKA COAL COMPANY (LCC) STANDARD VALUES FOR COAL

PARAMETER	UNIT	As Received Basis (ARB)
Gross Calorific Value GCV (kcal/kg)	kcal/kg	6,150
Total Moisture	% wt	12.0 or below
Volatile Matter	% wt	31
Fixed Carbon	% wt	49.5
Sulphur	% wt	0.5 or below
Ash	% wt	11.0 or below
HGI	° H	50
Grain Size above 50 mm	% wt	3.0% or below by weight
Grain Size below 2 mm	% wt	22.5% or below by weight
ASH FUSION (° C)		Reducing
IDT	° C	1,250
Fluid	° C	1,325

LANKA COAL COMPANY REJECT VALUES FOR COAL-2022

LANKA COAL COMPANY (LCC) REJECT VALUES FOR COAL

(Proximate analysis - As Received Basis (ARB))

PARAMETER	LCC REJECT VALUES
Gross Calorific Value	Less than 5,900 kcal / kg
Total Moisture	More than 16.0 % by weight
Volatile Matter	Less than 22 %, More than 39.9 % by weight
Sulphur Content	More than 1.0 % by weight
Ash Content	More than 16 % by weight
HGI	Less than 40, More than 59
Size Consist : a) Above 50 mm	More than 5 % by weight
b) Below 2 mm	More than 30 % by weight
ASH FUSION (o C)	
<i>IDT (Deformation)</i>	Less than 1,150°C
F.T (Fluid)	Less than 1,250°C

Note: *R equals Reducing Atmosphere*