

B. COKE OVEN GAS (COG) #

	Units	COG FOR BOILER DESIGN	COG FOR PERFORMANCE GUARANTEE
Hydrogen	% vol	52-56	52
Carbon monoxide	% vol	6-9	6
Carbon dioxide	% vol	3-4	3.22
Oxygen	% vol	0.4-0.6	0.6
Nitrogen	% vol	BALANCE	9.7
Methane (CH ₄)	% vol	22-26.5	22
Ethane (C _m H _n)	% vol	2-2.6	2.18
Water Vapor	% vol	4.3	4.3
Density	kg /Nm ³	0.537	0.537
GCV	kcal/Nm ³	4200	4200
NCV	kcal/Nm ³	3737	3737
Dust content	mg/Nm ³	-	-
Fuel temperature	°C	30-60	30- 35
Available Pressure at Battery Limit	mmwc	350-1200	350