

MACHINE

Manufacturer: _____

Model/Year: _____

AMBIENT

Temperature: _____ (20 – 30°C / 68 – 86°F)

Pressure: _____ (950 – 1050 hPa)

BEANS

Name: _____

Bulk density: _____ (670 – 730 g/l)

(washed arabica)

Screen size: _____ (17/18 1/64")

Moisture: _____ (10.5 – 11.5%)

Temperature: _____ (ambient temp.)

PRE-HEATING

Duration: _____

: _____

	CF	CV (kWh/m ³)	Volume (m ³)	Energy (kWh)	CO ₂ (g)
LPG					
NG					
Elec	/	/	/		
CF: Correction Factor CV: Calorific Value				Total	

ROASTING

end of preheat to end of 4th batch

Batch size: _____ kg

Batch	#1	#2	#3	#4		Volume (m ³)	Energy (kWh)	CO ₂ (g)
FCs @					LPG			
FCs BT					NG			
DROP @					Elec	/		
DROP BT					Total			

FCs @ 10:00 Drop @ 12:30 (+10°C/18°F)

TOTAL CONSUMPTION & CO2 EMISSIONS

preheating + 4 roast batches

Duration: _____ : _____

ENERGY: _____ kWh/kg

CO₂: _____ g/kg

POLLUTANTS

average of readings taken over the full cycle

PM: _____ µg/m³

CO₂: _____ %

CO: _____ g/m³

NO_x: _____ mg/m³

SO₂: _____ mg/m³

Conducted by: _____ on _____