

**EMISSION CONTROL LOGBOOK ENGINE ON IDLE
2007 KENTWORTH T300**

TM -13 READING 1

Company: Fabrica de Papel San Francisco. Mill plant
GOLDEN GATE PAPER Mill
USA: www.goldengatepaper.com
Mexico: www.papelsanfrancisco.com

Address: Blvd. López Mateos, Centro Industria Margar
Mexicali, México 21360 Office: +(52) 686 841-8300

Analysis: **Toxic Emissions from Combustion Engines**

- **O₂: Oxygen**
- **CO: Carbon Monoxide**
- **NOX: Nitric oxide and nitrogen dioxide**
- **SO₂: Sulfur dioxide**

Date: April 2014
Time: 11:30 a.m.

Responsible
for Monitoring: M. C. Rodolfo Miranda Castro

Combustion
Engine Equipment: 8.3 LT ENGINE T300 COMPANY # TM-13

Fuel Type: **Diesel**

Parameters	AVERAGE VALUES OF CONCENTRATION ppmv (parts per million by volume) Engine on Idle	Standard	General comments
Outside temperature (*F)	27°C = 80.6 *F	N/A	Reading were taken in normal engine operation on idle
Oxygen (O ₂) (%)	18.7	N/A	
Carbon Monoxide (CO) (ppmV)	124.3	N/A	
Nitric Oxide and Nitrogen dioxide (NOX) (ppmV)	53.3	N/A	
Sulfur dioxide (SO ₂) (ppmV)	0.00	N/A	

**EMISSION CONTROL LOGBOOK ENGINE RUNNING
2007 KENTWORTH T300**

TM-13 READING 2

Company: Fabrica de Papel San Francisco. Mill plant
GOLDEN GATE PAPER Mill
USA: www.goldengatepaper.com
Mexico: www.papelsanfrancisco.com

Address: Blvd. López Mateos, Centro Industria Margar
Mexicali, México 21360 Office: +(52) 686 841-8300

Analysis: **Toxic Emissions from Combustion Engines**

- **O2: Oxygen**
- **CO: Carbon Monoxide**
- **NOX: Nitric oxide and nitrogen dioxide**
- **SO2: Sulfur dioxide**

Date: April 2014
Time: 11:30 a.m.

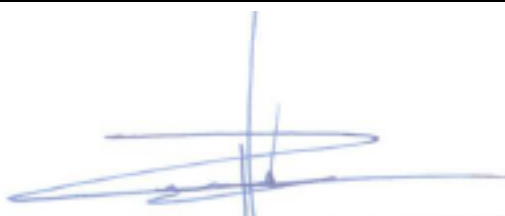
Responsible
for Monitoring: M. C. Rodolfo Miranda Castro

Combustion
Equipment: 8.3 LT ENGINE T300 COMPANY # TM-13

Fuel Type: Diesel

Parameters	AVERAGE VALUES OF CONCENTRATION ppmv (parts per million by volume) Engine Running	Standard	General comments
Outside temperature (*F)	27°C = 80.6 *F	N/A	Reading were taken in normal engine operation running 1,500 RPM
Oxygen (O2) (%)	18.0	N/A	
Carbon Monoxide (CO) (ppmV)	163.0	N/A	
Nitric Oxide and Nitrogen dioxide (NOX) (ppmV)	129.3	N/A	
Sulfur dioxide (SO2) (ppmV)	0.00	N/A	

Signed::



MC. Rodolfo Castro Miranda