

OPERATING PERMIT - TECHNICAL SUMMARY
SITE OPERATING PERMIT - SOP
MINOR REVISION

Permit #:	O-02358	Company:	Clemsa Lumber Company
Project #:	5561	Site:	Pollok Sawmill
Account #:	AC-0051-B	Application Area:	Pollok Sawmill
Regulated Entity #:	Rn100211143	Customer #:	
Region:	10	County:	Angelina
SIC Code:	2421	SIC Name:	Sawmills & Planing Mills Gen

Permit Reviewer: **Cynthia Luong**

PERMIT INFORMATION

Was confidential information submitted?	No
Are any permits being reviewed for New Source Review action?	No
Is the application subject to acid rain permitting?	No

SITE INFORMATION

Physical Location: Highway 69 North, Pollock, Tx 75969
Nearest City:
Major Pollutants: VOC, CO
Additional FOPs: O-02358

PROJECT SUMMARY

REVISION DESCRIPTION

PROCESS DESCRIPTION

The Clemsa facility is designed to be a high production, low manpower sawmill that includes proven, "state of the art" technology in manufacturing and pollution control for optimum utilization of forest resources with minimum impact on the environment. Log truck unloading and log handling are accomplished using a pedestal-mounted crane. Logs are stored under the crane and in the log yard. The log processing systems consists of one log feed system equipped with a ring debarker. Bark from the debarker and log conveyor are belt conveyed to a bark truck loader for transport offsite.

The debarked logs are routed to the sawmill for reduction to the desired widths. The lower floor of the sawmill is a combination of chain and/or vibration conveyor systems. These conveyor systems collect wood byproducts and debris from throughout the sawmill. Large pieces of sawmill wood byproducts are processed by two enclosed bottom, gravity discharge type chippers that discharge to a vibrating screen separation system. After size screening, the sawdust is pneumatically conveyed to one of two sawdust storage silos used to supply fuel to the gasifiers or to an overhead truck storage bin. Cyclonic collectors located atop each storage facility are used to separate the sawdust from the exhaust stream. Chips separated by the screen are delivered by a belt conveyor system to the chip truck loader for offsite transport.

After exiting the sawmill, the rough-cut green lumber is transferred to the sorter prior to being kiln dried. The dry kilns are heated by steam generated by two sawdust gasifiers rated less than 25 MMBtu/hr each. Each gasifier has two exhaust stacks. The main stack is equipped with a cyclonic collector to remove combustion ash prior to exhausting to the atmosphere. A bypass stack is used for the emergency heat venting.

After drying, the lumber is transferred to a cooling shed and allowed to equalize with ambient temperature and humidity. When cool, the rough lumber stacks are broken down. It is then loaded onto a conveyor for feeding the planer machine for either finishing/sorting or reject/bypass of rough lumber grades. Kiln-dried wood byproducts from the planer machine and trim saws are captured up by a low pressure, high volume suction system for transfer to the dry wood shavings storage bin. Dry shaving and air separation occurs in a high efficiency cyclone with bottom discharge to the shavings truck bin. Dry finished lumber is graded, sorted, warehoused, loaded on rail cars or trucks, and shipped.

TECHNICAL REVIEW

The draft permit was submitted to the applicant on (date):

Did the applicant comment on the draft permit?

If yes briefly describe the comments and the changes made to the draft permit (if applicable).

MANUAL CHANGES TO PERMIT

EMISSIONS BANKING AND TRADING PROVISIONS (Pursuant to 30 TAC Chapter 101, Subchapter H)

Is the site/permit area located in the Houston/Galveston ozone non-attainment area (as defined in 30 TAC Chapter 101, §101.1): No

COMPLIANCE ASSURANCE MONITORING (CAM)/ PERIODIC MONITORING (PM)

A review of the permit added additional CAM/PM for the following emission sources subject to the identified regulations:

STATEMENT OF BASIS

A Statement of Basis sets forth the legal and factual basis for the permit conditions.

The Statement of Basis was prepared on:

The Statement of Basis GroupWise Document #(OPDP Database):

PUBLIC ANNOUNCEMENT/EPA REVIEW

Posting Date:

Did the public comment on the working draft permit?

Beginning of the EPA Review Period:

Did the EPA comment on the proposed permit?

Discuss any changes to the Applicable Requirements that are not in agreement with the results generated by the RRT, or changes to the Terms and Conditions generated by the IMS in the 'Manual Changes to Permit Section' of the Technical Summary. **DELETE this sentence when EPA Review is completed.**

PUBLIC PETITION PERIOD/FINAL STATE ACTION

Effective permit issuance date:

Cynthia Luong
Permit Reviewer
Operating Permits Section
Air Permits Division

Tanveer Anjum
Team Leader
Operating Permits Section
Air Permits Division

ATTACHMENTS
IMS Tracking Elements
Communication Log
Administrative Data

ADMINISTRATIVE DATA

Responsible Official: Art Patterson
President
Clemsa Lumber Company
P.o. Box 9
Pollok, Tx 75969

Duly Authorized Rep: There is no Duly Authorized Representative

Technical Contact: Larry Mccracken
General Manager
Clemsa Lumber Company
P.o. Box 9
Pollok, Tx 75969
phone: (936) 853-9333
fax: (936) 853-3344
email:

Permit Consultant: <Name>
<Title>
<Company>
<Address>
<City>, <State> <Zip Code>
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fax: <Number>
email: <Number>