

Iowa Department of Natural Resources
Permit to Install
Air Emission Source

Permit Holder

Firm: Iowa Lumber Company (ILCO)	
Responsible Party: Mr. Daniel W. Platt Plant Manager 1-319-244-1600 Iowa Lumber Company (ILCO) 3000 Harrison Drive Clinton, Iowa 52732	Contact: Mr. Daniel W. Platt Plant Manager 1-319-244-1600 Iowa Lumber Company (ILCO) 3000 Harrison Drive Clinton, Iowa 52732

Source

Source:	Main Stack, Waferboard Manufacturing Plant
Control Equipment:	Cyclone Separators, Baghouse Filter
Location:	3000 Harrison Drive Clinton, Iowa 52732 Main Plant: Plant No. 23-02-0341

This equipment has been evaluated for conformance with rule(s) 567-22.3(3) & 567-22.4
(455B) & 567-23.4(13)

of the Iowa Department of Natural Resources and found to have the potential to
comply.

<u>Leila Forcier</u>	<u>3/21/93</u>	<u>93-A-540</u>
Under the Direction of the Director of the Department of Natural Resources	Date	Permit Number

PERMIT CONDITIONS

The owner of the facility shall assure that the installation and operation of this facility is in compliance with all conditions listed herein.

1. Departmental Review

This permit is issued based on information submitted by the applicant. Any misinformation, false statements or misrepresentations by the applicant shall cause this permit to be void.

The permit is issued under the authority of the Iowa Administrative Code 567–22.3. The proposed equipment has been evaluated for conformance with Iowa Code Chapter 455B; 567 Iowa Administrative Code Chapters 20-29; and 40 C.F.R. Part 60, and has the potential to comply.

No review has been undertaken of the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions.

This Department assumes no liability, directly or indirectly, for any loss due to damage to persons or property caused by, resulting from, or arising out of the design, installation, maintenance or operation of the proposed equipment.

2. Initiation of Construction

This permit shall become void if construction of the proposed project has not been started within 6 (six) months after the date of the issuance of this permit.

It is the owner's responsibility to ensure that construction conforms to that shown on the plans and specifications and that adequate operation and maintenance is provided to ensure that no condition of air pollution is created. Any changes made in the final plans and specifications for the proposed equipment or control equipment shall require a supplemental permit.

3. Transferability

This permit is not transferable from one piece of equipment to another, nor from one location to another, unless the equipment is portable. When portable equipment for which a permit has been issued is to be transferred from one location to another, the department shall be notified in writing at least 30 days prior to transferring to the new location. The owner will be notified at least 10 days prior to the scheduled relocation if the said relocation will cause a violation of the National Ambient Air Quality Standards. In such case a supplemental permit will be required for additional control equipment or equipment modifications needed to meet the standards.

4. Permittee Responsibility

Issuance of this permit shall not relieve the owner of the responsibility to comply fully with applicable provisions of the state implementation plan (SIP) and with the provisions of applicable local, state, and federal laws, regulations, ordinances, and other requirements applying to this installation.

5. Disposal of Contaminants

Ultimate disposal of the air contaminant(s) collected by the control equipment shall meet all applicable rules administered by this Department.

6. Initial Compliance Testing

All equipment shall be tested by the owner for compliance with the emission limits set out in Condition 8 of this permit.

7. Excess Emission

Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if it is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission other than the above is a violation. If excess emissions are occurring, either the control equipment causing the excess shall be repaired in an expeditious manner or the process generating the emissions shall be shut down within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it in a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code Section 455B.143.

8. Emission Limits

Emissions from this source shall not exceed the following:

<u>Pollutant</u>	<u>Lb/Ton of Waferboard</u>	<u>Lb/Hr</u>	<u>Lb/Day</u>	<u>Tons/Yr</u>
PM	2.58	25.8	619.2	103.2
SO ₂	0.11	1.1	26.4	4.4
NO _x	0.488	4.88	117.12	19.52
VOC	1.32	13.2	316.8	52.8
CO	4.3	43	1032	172

9. Operating Limits

Operation of this source shall not exceed the following:

- | |
|---|
| <p>a. Production Limits: 240 tons of waferboard per day / 80,000 tons per year</p> <p>b. Operation Limits: 8,000 hours per year</p> |
|---|

10. Source Emission Characteristics

The source shall be connected to the 100 foot main stack having a diameter of 42 inches.

11. Operating Condition Monitoring

Not later than January 15 of each calendar year, the plant manager shall submit a certified report to the DNR of the total tonnage of waferboard produced during the preceding calendar year and the total hours of facility operation for such period.

12. Continuous Emission Monitoring

No continuous emission monitoring of this source is required at this time.

13. Notification, Reporting, and Recordkeeping

The owner shall furnish the DNR written notification as follows:

- A. Operation of this source outside of those limits specified in Conditions 8 and 9 of this permit.
- B. The date that construction began postmarked within seven (7) days of that date.
- C. The actual date of start of operation postmarked within 15 (fifteen) days following the start of operation.
- D. Intention to relocate portable equipment with at least 30 days prior notice of proposed relocation.
- E. The owner shall provide the DNR central office at least 30 days notice of any performance test to afford the DNR the opportunity to have an observer present.
- F. The owner shall notify all participants in writing of each pretest meeting date and compliance test date.
- G. Upon being notified, the DNR will send to the owner a "proposed test plan" questionnaire. The questionnaire shall be completed by the owner and submitted to the DNR as directed. The completed questionnaire must be received by the DNR no later than fifteen (15) working days prior to the pretest meeting date.

Note: All notifications, reports and correspondence except for items concerning testing shall be sent to:

Dr. Myles Stenshoel, Director
Air Quality Bureau
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, Iowa 50319-0034

Note: All testing, if required, shall be coordinated with and all notifications concerning testing shall be sent to:

Dr. Kathy Miller
Stack Testing Section
Air Quality Bureau
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, Iowa 50319-0034
1-515-281-8189

END OF PERMIT CONDITIONS