



**AMENDED CERTIFICATE OF APPROVAL**

**AIR**

NUMBER 7248-7DTPW5

Issue Date: May 2, 2008

Commonwealth Plywood Co. Ltd.  
15 Labelle Boulevard  
Post Office Box, No. 90  
Ste-Therese, Quebec  
J7E 4H9

Site Location: Commonwealth Plywood Co. Ltd.  
794 River Road  
Pembroke, Ontario  
K8A 6X7

*You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:*

- one (1) natural gas fired boiler with a maximum thermal input of 5.8 Gigajoules per hour,  
and

- the equipment described in Schedule "A";

**SCHEDULE "A"**

**Schedule "A" forms part of this Certificate of Approval (Air)**

Stack No.	Equipment Description	Exhaust Flow Rate (m3/s)	Stack Diameter/ Stack Dimensions (m)/(m x m)	Stack Height (m.a.g)	Stack Height (m.a.r)
1	Gas Dryer Zone 1 Exhaust Fan	0.01	0.86	11.66	3.96
2	Gas Dryer Cooling Zones Exhaust	8.02	3.6 x 3.6	10.10	1.60
3	Gas Dryer Outfeed Exhaust Fan	5.9	0.36	9.11	0.61
4	Steam Dryer Primary Exhaust (Heating Zone)	19.15	0.76	10.27	2.57

Schedule "A" continued

**CONTENT COPY OF ORIGINAL**

Stack No.	Equipment Description	Exhaust Flow Rate (m <sup>3</sup> /s)	Stack Diameter (m)	Stack Height (m.a.g)	Stack Height (m.a.r)
5	Steam Dryer Secondary Exhaust (Cooling Zone)	19.2	0.38	9.15	1.45
6	Hot Press	1.7	0.51 x 0.51	22.97	4.27
7	Baghouse for two (2) saws and two (2) sanders for plywood panels	18.89	1.14	12.8	5.48
8	Glue Spray Booth	1.60	0.51 x 0.51	2.13	-3.16
10	Bark and Sawdust Storage Piles, Sawmill fugitive emission	NA	NA	4.57 (maximum pile height)	NA

**Notes for Schedule "A":**

- (1) "m<sup>3</sup>/s" means cubic metres per second.
- (2) "m" means metres.
- (3) "m x m" means metres by metres.
- (4) "m.a.g" means metres above grade.
- (5) "m.a.r" means metres above the roof.
- (6) "NA" means not applicable.

all in accordance with the following:

1. Application for Approval (Air & Noise) dated December 19, 2007 and signed by Normand Bourbonnais, Administrative manager, Commonwealth Plywood Co. Ltd., and all supporting information associated with the application provided by Stantec Consulting Inc. including additional information provided by Matt Lei, dated April 18, 2008; and
2. Application for a Certificate of Approval (Air) dated October 29, 2003 and signed by Normand Bourbonnais, Administrative Manager, Commonwealth Plywood Co. Ltd, and all supporting information associated with the application provided by Aqua Terre Solutions Inc.

*For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:*

- (1) "Act" means the Environmental Protection Act;
- (2) "Adverse Effect" means adverse effect as defined under Section 1.(1)(a) of the Act;
- (3) "Acoustic Audit" means an investigative procedure consisting of measurements of all noise emissions due to the operation of the Facility, assessed in comparison to the Performance Limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103 and reported in accordance with Publication NPC-233;
- (4) "Acoustic Audit Report" means a report presenting the results of an Acoustic Audit, prepared in accordance with Publication NPC-233;
- (5) "Certificate" means this Certificate of Approval (Air) issued in accordance with Section 9 of the Act;
- (6) "Company" means Commonwealth Plywood Co. Ltd.;
- (7) "Director" means any Ministry employee appointed by the Minister pursuant to Section 5 of the Act;
- (8) "District Manager" means the District Manager, Ottawa District Office of the Ministry;

## CONTENT COPY OF ORIGINAL

(9) "Equipment" means the baghouse, spray booth, and combustion equipment described in the Company's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate;

(10) "Facility" means the entire operation located on the property where the Equipment is located;

(11) "Independent Acoustical Consultant" means an Acoustical Consultant not representing the Company, and not involved in the noise impact assessment or the design/implementation of noise control measures for the Facility/Equipment. The Independent Acoustical Consultant shall not be retained by the consultant involved in the noise/vibration impact assessment or the design/implementation of noise/vibration control measures for the Facility/Equipment.

(12) "Manual" means a document or a set of documents that provide written instructions to staff of the Company; and

(13) "Ministry" means the Ontario Ministry of the Environment.

(14) "Publication NPC-205" means Publication NPC-205, Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban), October, 1995;

(15) "Publication NPC-233" means Publication NPC-233, Information To Be Submitted For Approval Of Stationary Sources Of Sound, October, 1995;

(16) "Publication NPC-103" means Publication NPC-103, Procedures , August 1978;

*You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:*

### TERMS AND CONDITIONS

#### **OPERATION AND MAINTENANCE**

1. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:

(1) prepare, not later than three (3) months after the date of this Certificate and update as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:

- (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
- (b) emergency procedures;
- (c) procedures for any record keeping activities relating to operation and maintenance of the Equipment; and
- (d) all appropriate measures to minimize dust emissions from all potential sources;

(2) implement the recommendations of the Manual.

#### **RECORD RETENTION**

2. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Certificate, and make these records available for review by staff of the Ministry upon request. The Company shall retain:

(1) all records on the maintenance, repair and inspection of the Equipment; and

(2) all records on the environmental complaints concerning off-property Adverse Effect; including:

- (a) a description, time and date of each incident to which the complaint relates;

- (b) wind direction at the time of the incident to which the complaint relates; and
- (c) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

**NOTIFICATION OF COMPLAINTS**

3. The Company shall notify the District Manager, in writing, of each environmental complaint concerning off-property Adverse Effect within two (2) business days of the complaint. The notification shall include:

- (1) a description of the nature of the complaint; and
- (2) the time and date of the incident to which the complaint relates.

**NOISE**

4. (1) The Ministry will accept the current noise emissions from the Facility provided the Ministry does not receive noise complaints from area residents pertinent to activities at the Facility. In the event of complaints the Ministry may impose conditions to the operation of the Facility and/or require the Facility to take immediate action to alleviate the adverse noise emissions from activities at the Facility, that exceed the criteria stated in Ministry Publication NPC-205.

(2) The Company shall submit a Noise Abatement Action Plan to the District Manager and the Director by a date not exceeding July 31, 2008. The Noise Abatement Action Plan shall include a detailed timetable of scheduled mitigating measures, with the objective to ensure that the noise emissions from the Facility comply with limits in Publication NPC-205. The Noise Abatement Action Plan shall also be based upon the objective to complete the implementation of the required mitigating measures by a date not exceeding twelve (12) months after the date of approval of the Noise Abatement Action Plan.

(3) Subsequent to one (1) year after the date of approval of the Noise Abatement Action Plan, the Company shall ensure that the noise emissions from the Facility comply with the limits set in Publication NPC-205.

(4) The specified date for the submission of the Noise Abatement Action Plan, July 31, 2008, may be amended by the District Manager.

(5) The Company shall carry out Acoustic Audit measurements of the Facility in accordance with procedures in Publication NPC-103, and submit an Acoustic Audit Report, prepared by an Independent Acoustical Consultant in accordance with Publication NPC-233 to the District Manager and the Director, not later than three (3) months after the implementation of the Noise Abatement Action Plan.

(6) The Director may not accept the Acoustic Audit if it does not satisfy Condition 4(5) of this Certificate.

(7) If the Director does not accept the results of the acoustic audit the Director may:

- (a) require the Company to repeat the acoustic audit, and/or
- (b) impose additional conditions to the Company's Certificate of Approval, or
- (c) exercise other options as detailed in the Environmental Protection Act.

*The reasons for the imposition of these terms and conditions are as follows:*

1. Condition No. 1 is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the Act, the regulations and this Certificate.
2. Condition No. 2 is included to require the Company to keep records and to provide information to staff of the Ministry

so that compliance with the Act, the Regulations and this Certificate can be verified.

3. Condition No. 3 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.

4. Condition No. 4(1) states the interim, parameters for which the excess above the governing noise limits will be accepted. In the event of noise complaints the Ministry may impose restrictions to the use of specific equipment/activities at the Facility, and may require an amendment to this certificate of approval to address these restrictions.

5. Condition No. 4(2) is included to require the Company to develop a Noise Abatement Action Plan designed to ensure that the noise emissions from the Facility are in compliance with applicable limits set in the Ministry's Noise Guidelines.

6. Condition No. 4(3) is included to provide the minimum performance requirement considered necessary to limit the adverse effect resulting from the operation of the Facility.

7. Condition No. 4(4) is included to provide flexibility for required testing for the development of a Noise Abatement Action Plan representative of normal site wide operations.

7. Condition Nos. 4(5) & 4(6) are included to require the Company to gather accurate information so that the environmental impact and subsequent compliance with the Act, the regulations and this Certificate can be verified.

8. Condition No. 4(7) is included to ensure that the acoustic audit is carried out in accordance with procedures set in the Ministry's Noise Guidelines.

**This Certificate of Approval revokes and replaces Certificate(s) of Approval No. 8812-63HSN2 issued on August 6, 2005.**

*In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:*

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, 15th Floor  
Toronto, Ontario  
M5G 1E5

AND

The Director  
Section 9, *Environmental Protection Act*  
Ministry of the Environment  
2 St. Clair Avenue West, Floor 12A  
Toronto, Ontario  
M4V 1L5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

**CONTENT COPY OF ORIGINAL**

*The above noted works are approved under Section 9 of the Environmental Protection Act.*

DATED AT TORONTO this 2nd day of May, 2008

Zafar Bhatti, P.Eng.  
Director  
Section 9, *Environmental Protection Act*

GA/  
c: District Manager, MOE Ottawa  
Matt Lei, Stantec Consulting Inc.