

June 6, 2018

S.40(1)

397 Main Street
Eastport, NL A0G 1Z0

Dear S.40(1)

**Re: Inspection - Sutreen Hardwood & Molding Limited
397 Main Street, Eastport, NL**

A fire and life safety inspection was conducted on February 20, 2018, at Sutreen Hardwood & Molding Limited located at 397 Main Street in Eastport, NL by the undersigned. The Inspection Report Form is attached to this letter. The following are discrepancies corresponding with the inspection form and applicable Code references along with the required corrective actions explained.

A.7 That all chimneys be maintained in accordance with the manufacturers' specifications and B-139, *Solid Fuel Burning Installation Code* and CSA B-365, *Solid Fuel Burning Equipment*

The Wood Doctor Furnaces require secure chimneys equipped with rain caps and spark arrestors.

D.1 Combustible waste material in and around the building not be permitted to accumulate in quantities or locations that will constitute an undue fire hazard as in accordance with *National Fire Code of Canada*, Chapter 2, Section 2.4.1.1

D.5 General observation viewed by the inspector pertaining housekeeping were unacceptable

D.1 and D.5 both focus on housekeeping. The amount of wood dust accumulation throughout the facility is unacceptable. The entire building must be systematically cleaned of wood dust. In addition, there must be an effective combustible wood dust management program developed and implemented. Education and training of management and workers is required to implement the program effectively.

Workshop

Construct a roof over the workshop. The interior ceiling must be covered with a minimum of 9.5 mm gypsum or 11 mm plywood (good one side or select grade).

Briquette Room

The large amount of dust and spillage from this process and machine must be addressed.

- D.3 That combustible materials are stored in rooms/areas designated and designed for such storage in accordance with *National Fire Code of Canada*, Chapter 2, Section 2.4.1.1**

Remove the combustible storage from the Briquette Room.

- F.1 That all hazardous materials are stored in approved containers/cabinets or areas designated for such storage in accordance with Part 3 and Part 4, *National Fire Code of Canada***

Flammable or combustible liquids cannot be stored inside the spray booth. In addition to the *National Fire Code of Canada*, acceptable practices can be found in *NFPA 33, Spray Application Using Flammable or Combustible Materials*.

- F.3 General observation viewed by the inspector pertaining to the handling of hazardous materials was unacceptable**

Section 5.4.5.2 of the *National Fire Code of Canada* says, “The design, operation and maintenance requirements relating to spray coating processes shall conform to *NFPA 33, Spray Application Using Flammable or Combustible Materials*.” This Standard covers requirements pertaining to electrical, ventilation, fire protection and other requirements. Your current spray booth, drying area and spray methods do not meet the *National Fire Code of Canada* and the referenced Standards in the Code. It is suggested that you engage the services of a professional designer to review the requirements and determine the best option for your operation.

- G.1 That a fire extinguisher maintenance log be generated and maintained in accordance with *NFPA 10, Standard for Portable Fire Extinguishers*, Section 7.2.4**

Your fire extinguisher service company can show staff how to do monthly checks of all fire extinguishers. These checks must be logged. This is part of your workplace OH&S committee’s work.

- G.2 That a fire drill log be generated and maintained in accordance with *National Fire Code of Canada*, Chapter 2, Section 2.8 & *NFPA 101*, Chapter 4, Section 4.7.6**

Also as a part of your workplace OH&S committee’s work, you must develop a fire safety plan. Fire drills must be conducted quarterly and logged.

H.6 That quick release hardware is installed on all doors requiring such hardware in accordance with *NFPA 10: Life Safety Code*, Chapter 7, Section 7.2.1.5

Remove any dead bolts, hooks or bars from the emergency exits. Check and repair auto closures.

J.1 That all electrical wiring be installed and maintained in accordance with the *Canadian Electrical Code* (current edition)

There are concerns with the electrical system in this building. This matter has been referred to Service NL, Technical Inspection Division who is the Provincial authority with relation to electrical use. For the purpose of this report, the rest of **Section J - ELECTRICAL** has been intentionally left blank.

K.3 That adequate emergency lighting is provided in accordance with *NFPA 101*, Section 7.9

The purpose of emergency lighting is to illuminate the exit path in the event of a power outage. The emergency lighting was not tested during the inspection because of the high location. You must ensure that emergency lighting is adequate and operational. Spot checks will be done on re-inspection.

L.1 That all portable extinguishers be unobstructed and accessible at all times in accordance with *NFPA 10, Standard for Portable Fire Extinguishers*

A review of your facility must be completed by an agency that meets the licensing requirements under FES Fire Protection & Detection Equipment Servicing and Licenses Policy. This review will ensure the correct placement, classification and adequate number of fire extinguishers you require.

L.2 That all portable extinguishers be inspected annually in accordance with *NFPA 10, Standard for Portable Fire Extinguishers*

All fire extinguishers shall be inspected annually by a licensed servicing agency. All extinguishers shall have an inspection tag that will verify the year, month and signature of the servicing agent.

Considering the nature of the discrepancies listed above, we recommend that corrective actions be started immediately. All discrepancies must be corrected within 30 days of this letter with the exception of the items identified in F.1, F.3, H.6 and construction of the roof over the workshop. These must be corrected within six months.

A follow-up inspection will be conducted in 30 days.

For further information, please contact this office.

Yours truly,



Tony Rose
Fire Protection Officer

Enclosure

cc: Derek Simmons, Director of Fire Services/Fire Commissioner
Craig Allen, Manager, OH&S Inspections Division, Western Region
Gary Pardy, OHS Officer II
David Mayne, Manager of Electrical Safety Services

Fire and Life Safety Inspection Report

Name of Occupant Sutreen Hardwood & Moulding Limited		Group F	Division 2	Occupancy Woodworking Factory
Building Address 397 Main Street, Eastport NL		Town/Community Eastport	Inspection Date 2 / 20 / 2018	S.40(1)
Name of Owner or Authorized Agent [REDACTED] S.40(1)		Contact Person for Inspection [REDACTED] S.40(1)	Phone No [REDACTED]	
Address of Authorized Agent Same as above		Inspector(s) Fire Protection Officer Tony Rose		Phone No. 466-4109

Instructions: Indicate with a check mark in the appropriate column. N/A - Not Applicable		Yes	No	N/A
A	EXTERIOR			
1	Fire department access is blocked		x	
2	Fire hydrants are unobstructed and of the correct thread size			x
3	Fire dept. connections are unobstructed and of the correct thread size			x
4	The path of travel and exits are free and clear to a public way	x		
5	Propane tanks are installed and protected			x
6	Fire escapes are in acceptable condition			x
7	Chimney(s) appear to be in acceptable condition		x	
8	Other exterior deficiencies noted i.e. Electrical drops, dumpsters	x		
B	MECHANICAL SERVICE SPACES			
1	Heating system has received its annual servicing			x
2	Clearances from combustible construction as required	x		
3	Type of heating system.....	Wood		
4	Integrity of the fire separations is maintained			x
5	Amount/type of storage in the service rooms is acceptable	x		
6	Service room doors are equipped with self closures and are closed			x
7	Other heating/mechanical deficiencies noted	x		
C	FIRE ALARM & DETECTION SYSTEMS			
1	Automatic fire alarm system installed where required			
2	Fire alarm system is powered and no trouble showing			
3	Fire alarm system was tested during inspection			
4	Fire alarm system has received a current annual inspection			
5	Other fire alarm & detection systems deficiencies noted			
D	HOUSEKEEPING			
1	Combustible waste material is within acceptable amounts		x	
2	Approved waste receptacles are in use	x		
3	Combustible materials are stored in acceptable storage rooms/ areas		x	
4	Combustible materials attached to any wall is less than or equal to 20% area of the wall	x		
5	Other housekeeping deficiencies noted	x		
E	SMOKING			
1	Designated smoking area where permitted	x		
2	On site smoking material disposed of properly	x		
F	HAZARDOUS MATERIALS			
1	Hazardous materials are stored in approved containers/cabinets or areas	No		
2	Storage areas and containers are properly identified	x		
3	Other Hazardous Materials deficiencies noted		x	

Instructions: Indicate with a check mark in the appropriate column. N/A - Not Applicable		Yes	No	N/A
G	RECORDS MANAGEMENT			
1	Fire Protection Equipment Maintenance Logs are maintained where required		x	
2	Fire drill log is maintained where required		x	
3	Means of egress inspection log is complete where required			x
H	MEANS OF EGRESS			
1	There is sufficient number of means of egress	x		
2	Means of egress is free and clear	x		
3	Interior Fire/smoke barrier doors are maintained and operating properly			x
4	exit doors are maintained and open in the direction of travel where required	x		
5	Interior stairs and open stairwells are free of all storage			x
6	Exit doors are equipped with panic hardware and self closures where required		x	
7	Other means of egress deficiencies noted		x	
I	OCCUPANT SAFETY			
1	There are capacity orders posted where required			x
	Posted capacity number(s) Liquor License			x
2	Fire drills are being conducted as required		x	
3	Current Fire Safety plan in place if required			
4	Interior wall and ceiling finish acceptable	x		
5	Other occupant safety deficiencies noted			
J	ELECTRICAL			
1	Visible wiring appears acceptable			x
2	Extension cords are used in place of permanent wiring			x
3	Electrical equipment being used, appears to be in good condition			x
4	Switches and receptacles appear acceptable			x
5	Distribution panels are covered and are labeled			x
6	An electrical inspection report is required			x
7	Other electrical deficiencies noted			x
K	EXIT/EMERGENCY LIGHTING			
1	Exit lighting is AC/DC and operational	x		
2	Exit signs are visible from all areas	x		
3	Adequate emergency lighting if required			x
4	Emergency lighting is operational			x
5	Other Exit/Emergency Lighting deficiencies noted		x	
L	FIRE PROTECTION EQUIPMENT			
1	Portable fire extinguishers; placement, classification, number adequate and unobstructed		x	
2	Portable fire extinguisher(s) service date is current		x	
3	Fire extinguishing systems service date is current			x
4	Type of extinguishing system.....			
5	Sprinkler and other Water Spray System service date is current			x
6	Sprinkler heads are unobstructed			x
7	Other Fire Protection Equipment deficiencies noted		x	

The following deficiencies have been identified and require the following corrective action(s), to be completed by the noted compliance date.

Deficiency	Corrective Action	Compliance Date
Refer to the attached letter		

* Additional information as required may be made on additional pages, and shall become part of this inspection report.

REMARKS & RECOMMENDATIONS: In the interest of Fire Prevention and Life Safety, you are requested to immediately begin corrective action on all the deficiencies as listed and to complete such action within the next _____ days. A follow up inspection will be made on _____.

DATE OF LAST FOLLOW-UP INSPECTION:	REFERRED TO FIRE & EMERGENCY SERVICES FOR FURTHER ACTION ON:
Inspector(s) Name Tony Rose	Inspector(s) Signature <i>Tony Rose</i>

White – Building Owner/Manager

Canary – Fire Dept Copy

Pink – Fire & Emergency Services - NL