



September 7, 2016

To Whom It May Concern:

This is to confirm that the Zip-O-Laminators, LLC, glued laminated timber plant in Eugene, OR, is a member in good standing of *APA – The Engineered Wood Association*. The Eugene plant is certified by APA to make structural glued laminated timbers under the following standard: *ANSI A190.1, American National Standard for Structural Glued Laminated Timber*. The specific layup and species combinations for which the Eugene plant is certified are included in the attached certification letter.

APA – The Engineered Wood Association is a nonprofit trade association. APA provides technical support, market development and third-party quality assurance trademarking services to manufacturers of engineered wood products and has client producers in the U.S. and Canada. Trademarking is provided under the APA trademark, which is recognized by all U.S. model building codes and the IBC. APA is an accredited inspection agency under International Accreditation Services (IAS) certification AA-649 and testing laboratory under certification TL-215. APA is also accredited by the Standards Council of Canada (SCC) as a Certification Body in accordance with ISO/IEC 17065 and CAN-P-1500 and recognized by the Japan Ministry of Agriculture, Forestry and Fisheries (MAFF) as a Registered Overseas Certification Body (ROCB).

Quality auditing and laboratory testing are integral parts of APA's mission. APA maintains two quality testing laboratories in key producing regions and has a staff of experienced auditors and laboratory technicians. APA staff makes periodic audit visits to client mills to assess product quality and conformance to the product standard represented in the APA marks.

With a research laboratory in Tacoma and a staff of engineers, scientists and technicians, APA is uniquely qualified to provide technical support to engineered wood products manufacturers through research and testing, standards development and code acceptance. APA provides unparalleled market support for engineered wood products. APA also provides international market access and standards recognition from its headquarters in Tacoma.

The APA staff has extensive experience related to the design and manufacturing of engineered wood products and is committed to assuring that the quality of engineered wood products produced under the APA trademark is unsurpassed in the industry. Anyone having questions regarding any APA program or certification is encouraged to contact our office for further information.

Sincerely,

A handwritten signature in black ink that reads "James Funck". The signature is written in a cursive, flowing style.

James Funck
Certification Operations Manager
Quality Services Division

REPRESENTING THE ENGINEERED WOOD INDUSTRY



June 16, 2016

Mr. Karl Hallstrom
Zip-O-Laminators, LLC
PO Box 2236
Eugene, OR 97402

Dear Mr. Hallstrom:

APA Mill 1120 Zip-O-Laminators – Eugene, OR

The certification letter submitted June 8, 2016 reflected Engineered Wood Systems as your Certification Program. This has been amended to Quality Management System (QMS).

The Zip-O-Laminators plant at 2701 W 1st Ave. Eugene, OR has met the certification requirements of APA to manufacture structural glued laminated timbers in accordance with ANSI A190.1-2012 and ANSI 117-2015. Effective May 27, 2016, APA trademarking privileges are granted for the attached lists of layup qualifications, adhesives, and species. Summary information relating to this product qualification is noted below.

Effective Date of Certification:	May 27, 2016
Scope:	Products manufactured in accordance to ANSI A190.1-2012 and ANSI 117-2015. See attached lists for approved species, resin systems and layup combinations.
Product:	Structural glued laminated timbers
Standards:	ANSI A190.1-2012 ANSI 117-2015
APA Certification Program:	Quality Management System (QMS)
Product Certification Type:	APA's product certification system type is closest to System 5 in ISO/IEC 17067.

If you have any questions, do not hesitate to contact us.

Sincerely,

JAMES FUNCK
Certification Operations Manager
Quality Services Division

JWF/tlh,scl

cc: Ms. Kaycee Hallstrom

REPRESENTING THE ENGINEERED WOOD INDUSTRY

APA Mill 1120 Zip-O-Laminators – Eugene, OR

Approved species / adhesives / layups

May 27, 2016

End Joint Qualifications (All widths unless otherwise noted)		
Adhesive System	Species	End Joint Stress Level
Momentive MF-2L/M157LY	Douglas-fir 2x12	2400
Momentive MF-2L/M157LY	Alaska Yellow Cedar 2x12	2000

Face Bond Qualifications	
Adhesive System	Species
Momentive LT-5210J/FM 6310L	Douglas-fir Alaska Yellow Cedar