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201 NORTH FIGUEROA STREET  
LOS ANGELES, CA 90012

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OSAMA YOUNAN, P.E.  
EXECUTIVE OFFICER

Pacific Woodtech Corporation  
1850 Park Lane  
Burlington, WA 98233

Attn: William N. Grove P.E.  
(360) 707-2200

RESEARCH REPORT: RR 25448  
(CSI # 06 17 13)

BASED UPON ICC EVALUATION SERVICE  
REPORT NO. ESR-2909

REEVALUATION DUE  
DATE: November 1, 2018  
Issued Date: August 1, 2017  
Code: 2014 LABC

**GENERAL APPROVAL** – Technical Modification - Pacific Woodtech Laminated Veneer Lumber (LVL).

## DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of use, and identification of Evaluation Report No. ESR-2909 reissued September 1, 2016, corrected March 15 2017 of the ICC-ES Evaluation Services, LLC. The report, in its entirety, is attached and made part of this general approval.

The part of Report No.ESR-2909 marked by the asterisk is modified by the Los Angeles Building Department from this approval.

### The approval is subject to the following conditions:

1. All stress adjustment factors specified in Table 8.3.1 of NDS 2012 shall apply to LVL.
2. Fabrication of LVL shall be done in the shop of a Los Angeles City licensed fabricator and shall be in accordance with Chapter 23 of the 2014 Los Angeles City Building Code.
3. LVL is limited to end-use locations at which the moisture content is equal to or less than 16 percent.

RR 25448  
Page 1 of 3

Pacific Woodtech Corporation

RE: Pacific Woodtech Laminated Veneer Lumber (LVL).

4. For repetitive members, an increase of four percent in allowable bending stresses is permitted.
5. Qualified adhesives, veneer species and veneer grades are as specified in the approved quality control manual.
6. Pacific Woodtech® LVL is identified by a stamp noting the manufacturer's name (Pacific Woodtech), product trade name, grade, product date, evaluation report number (ESR-2902), qualified inspection agency name or logo (APA), and manufacturer's APA mill number (1047).

## DISCUSSION

The technical modification is to recognize corrections to ICC-ES Evaluation Service Report, ESR-2909. The corrections include:

- Revision of maximum available thickness from 3.5 inches to 7 inches.
- Revision of maximum depth from 24 inches to 48 inches
- Addition of rim board thicknesses of 1.5 inches and 1.75 inches
- Deletion of references to species and the 2.4E DF+ grade
- Revision of  $F_c \perp$  for all grades from 450 to 650 psi
- Addition of 2.2E grade

The report is in compliance with the 2014 Los Angeles City Building Code.

The approval is based on tests in accordance with ICC-ES Accepted Criteria for Structural Wood-based Products (AC 47), dated June 2016 and for Rim Board Products (AC124), dated June 2016.

This general approval will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revisions to the report must be submitted to this Department, with appropriate fee, for review in order to continue the approval of the revised report.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

Pacific Woodtech Corporation

RE: Pacific Woodtech Laminated Veneer Lumber (LVL).

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

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QUAN NGHIEM, Chief  
Engineering Research Section  
201 N. Figueroa St., Room 880  
Los Angeles, CA 90012  
Phone- 213-202-9812  
Fax- 213-202-9943

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Attachment: ICC ES Report No. ESR-2909 (3 Pages)