

State of California
Air Resources Board

Executive Order W-21-037

Relating to CARB Approval of Third-Party Certifiers under
section 93120.4, title 17, California Code of Regulations

Certification Services International, LLC

Whereas, the California Air Resources Board (CARB) has adopted the “Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products” (ATCM; title 17, California Code of Regulations, sections 93120-93120.12), which establishes formaldehyde emission standards for composite wood products;

Whereas, section 93120.3(b) of the ATCM requires that manufacturers of composite wood products must verify compliance with the formaldehyde emission standards by using a third-party certifier (TPC) approved by CARB;

Whereas, the ATCM requires TPCs to:

- 1) Verify the accuracy of the emission test procedures and facilities used by composite wood product manufacturers to conduct formaldehyde emission tests;
- 2) Monitor manufacturer quality assurance programs; and
- 3) Provide independent audits and inspections;

Whereas, section 93120.4 of the ATCM sets forth the process for CARB’s Executive Officer to approve TPCs;

Whereas, section 93120.4(b)(1) of the ATCM requires that applications to become a CARB-approved TPC must be submitted to the Executive Officer in writing and must contain:

- 1) Evidence of actual field experience in the verification of laboratories and wood products, to demonstrate how applicants will be able to competently perform the requirements for TPCs of composite wood products listed in section 93120.12, Appendix 3, of the ATCM;
- 2) Evidence of the ability to properly train and supervise inspectors;
- 3) Evidence of a current product certification agency accreditation; and
- 4) A list of the composite wood products that the applicant is applying to verify and evidence that the applicant is qualified to verify these products;

Whereas, Certification Services International, LLC (CSI or the applicant) submitted an original application dated January 18, 2011, which was deemed complete on April 13, 2011; the application stated that CSI did not operate a laboratory and would subcontract testing to Beijing Products Quality Supervision and Inspection Institute (BPQSII);

Whereas, section 93120.4(b)(4) of the ATCM provides that the Executive Officer shall approve the application and issue an Executive Order if the evidence submitted by the

applicant is sufficient to demonstrate that the applicant can competently perform the tasks specified in section 93120.12, Appendix 3, of the ATCM;

Whereas, CSI was issued Executive Order W-11-037, signed on April 29, 2011;

Whereas, section 93120.4(b)(4) of the ATCM allows CARB-approved TPCs to apply for re-approval to CARB by submitting an updated application;

Whereas, CSI submitted the original and updated applications for approval to CARB as follows:

Executive Order #	Received Date	Signed Date	Actions
W-11-037	1/18/2011	4/29/2011	Original application; CSI will use BQOSII for testing
W-11-037A	8/29/2011	9/1/2011	Amendment to add Wood and Wooden Product Testing Center of Nanjing Forestry University as a subcontract laboratory
W-13-037	3/21/2013	5/8/2013	Renewal and removed BQOSII from list of subcontract laboratories
W-15-037	3/30/2015	5/29/2015	Renewal
W-15-037A	6/29/2015	7/8/2015	Amendment to add Forest Research Institute of Malaysia as a subcontract laboratory
W-17-037	5/22/2017	8/16/2017	Renewal
W-17-037A	3/19/2019	3/22/2019	Amendment to add BQOSII as a subcontract laboratory
W-19-037	6/2/2019	12/6/2019	Renewal and removed Nanjing Forestry laboratory due to lack of accreditation
W-19-037A	10/10/2019	2/11/2020	Amendment to add Nanjing Forestry laboratory following re-accreditation

Whereas, CSI submitted an updated application for re-approval to CARB on November 30 2021; CSI requested that the Nanjing Forestry laboratory be removed from their list of subcontract laboratories; the application was deemed complete on December 7, 2021;

Whereas, the Executive Officer finds that the complete, updated application for re-approval demonstrated the TPC’s ability to continue to comply with section 93120.4(b)(1); and

Whereas, the Executive Officer approved CSI’s request for re-approval, and it is appropriate that Executive Order W-19-037A be superseded by Executive Order W-21-037.

Now, therefore, it is ordered that CSI is hereby approved as a TPC and is issued the following number designating them as a CARB-approved TPC: **TPC-37**.

Be it further ordered that CSI is a CARB-approved TPC for the following composite wood products: hardwood plywood, particleboard, and medium density fiberboard.

Be it further ordered that this approval is subject to the following conditions:

- CSI must provide their CARB-approved TPC number to each manufacturer it has subcontracted with for services, as specified in section 93120.12, Appendix 3, of the ATCM.
- CSI's subcontract laboratories listed in Attachment A must participate in an inter-laboratory study of their primary and/or secondary chamber facilities.
- If CSI wishes to use a subcontract laboratory other than is listed in Attachment A, CSI must submit a request to the Executive Officer in writing and must provide evidence to demonstrate that the subcontractor can competently perform the tasks for which it is employed. CSI shall not use the subcontractor unless the Executive Officer approves the request in writing.
- CSI shall immediately notify the Executive Officer if any accreditation or certification provided in support of their initial application is renewed, allowed to expire, or revoked within the duration of this Executive Order.

Be it further ordered that this Executive Order W-21-037 supersedes Executive Order W-19-037A, which was issued on February 11, 2020.

Be it further ordered that this Executive Order shall have a duration of two years from the date it is executed; within 120 days prior to the expiration of this Executive Order, CSI may apply for re-approval by submitting an updated application to the Executive Officer as provided in section 93120.4 of the ATCM.

Be it further ordered that the Executive Officer may review and, for good cause, modify or revoke this Executive Order as provided in section 93120.4(d) of the ATCM. The Executive Officer shall not modify or revoke this Executive Order without affording CSI with the opportunity for a hearing in accordance with the procedures specified in title 17, California Code of Regulations, section 60055.1 et seq.

Be it further ordered that CSI must maintain records in electronic or hard copy form for two years, for review by CARB upon request, as specified in section 93120.12, Appendix 3, of the ATCM.

Be it further ordered that on or before March 1 of each year, CSI must provide an annual report to CARB for the previous calendar year, as specified in section 93120.12, Appendix 3, of the ATCM.

Be it further ordered that CSI must notify the Executive Officer in writing within 30 days of any change in their ability to carry out the responsibilities of this Executive Order.

Executed at Sacramento, California on this 21st day of December 2021.



Robert Krieger, Chief
Risk Reduction Branch
Transportation and Toxics Division

Attachment A

List of Subcontractors for CSI (TPC-37) Under Executive Order W-21-037

Company Name	Contact Information	Subcontractor Function
Forest Research Institute of Malaysia Wood Composite Testing Laboratory Selangor, Malaysia	Ben Vaughn CSI ben.vaughn@certificationservices.co	Accredited Laboratory
Beijing Products Quality Supervision and Inspection Institute Beijing, China	Ben Vaughn CSI ben.vaughn@certificationservices.co	Accredited Laboratory