

State of California
Air Resources Board

Executive Order W-21-013

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

Research Institutes of Sweden (RISE)

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, Research Institutes of Sweden (RISE or the applicant), formerly known as SP Technical Research Institute of Sweden, submitted an original application dated July 8, 2008, which was deemed complete on November 3, 2008;

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, RISE was issued Executive Order W-08-013, signed on November 7, 2008;

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

Executive Order #	Received Date	Signed Date	Actions
W-08-013	7/8/2008	11/7/2008	Original approval
W-08-013A	4/9/2010	5/11/2010	Amended to add VTT Expert Services, Ltd. as a subcontractor for inspection services
W-10-013	11/1/2010	12/22/2010	Renewal
W-10-013A	9/17/2012	10/4/2012	Amended to add Orebro University Hospital as a subcontractor for laboratory analysis used as a backup for formaldehyde analysis
W-13-013	12/18/2012	2/22/2013	Renewal
W-13-013A	10/15/2013	12/31/2013	Amended to add Inspecta Sertfionti Oy as a subcontractor for inspection services
W-13-013B	6/30/2014	7/7/2014	Amended to add Turk Standartlari Enstitusu as a subcontractor for inspection services
W-15-013	3/27/2015	7/20/2015	Renewal
W-17-013	7/11/2017	8/9/2017	Renewal and name change from SP Technical Research Institute of Sweden to Research Institutes of Sweden
W-19-013	6/2/19	12/6/19	Renewal and name change of inspection subcontractor from VTT to Eurofins Expert Services

Whereas, RISE submitted an updated application for re-approval to CARB on November 19, 2021; the application was deemed complete November 22, 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 RISE's request for re-approval, and it is appropriate that Executive Order W-19-013 be superseded by Executive Order W-21-013.

Now, therefore, it is ordered that RISE is hereby approved as a TPC and is issued the following number designating them as a CARB-approved TPC: **TPC-13**.

Be it further ordered that RISE 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:

- RISE 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.
- RISE must participate in an inter-laboratory study of their primary and/or secondary chamber facilities.
- If RISE wishes to use a subcontractor other than is listed in Attachment A, RISE 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. RISE shall not use the subcontractor unless the Executive Officer approves the request in writing.
- RISE 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-21-013 supersedes Executive Order W-19-013, which was issued on December 6, 2019.

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, RISE 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 RISE 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 RISE 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, RISE 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 RISE 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 RISE (TPC-13) Under Executive Order W-21-013

Company Name	Contact Information	Subcontractor Function
Eurofins Expert Services	Rauno Pyykko, RISE rauno.pyykko@ri.se	Accredited Inspection Services
Orebro University Hospital	Rauno Pyykko, RISE rauno.pyykko@ri.se	Accredited Laboratory Analyses
Inspecta Sertfionti Oy	Rauno Pyykko, RISE rauno.pyykko@ri.se	Accredited Inspection Services
Turk Standartlari Enstitusu	Rauno Pyykko, RISE rauno.pyykko@ri.se	Accredited Inspection Services