

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER N-15-016A

Relating to ARB-Approval to use No-added Formaldehyde Resins by
Composite Wood Product Manufacturers under
section 93120.3, title 17, California Code of Regulations

**Hebei Imeako Environmental Protection
Material Technology Co., Ltd
(Formerly Wen An Xingsheng Panel Factory)**

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

WHEREAS, section 93120.1(a)(29) of the ATCM defines "no-added formaldehyde (NAF) based resins" to mean resins formulated with NAF as part of the resin cross linking structure for making hardwood plywood, particleboard, or medium density fiberboard, including, but not limited to resins made from soy, polyvinyl acetate, or methylene diisocyanate;

WHEREAS, section 93120.3(c) of the ATCM allows manufacturers of hardwood plywood, particleboard, and medium density fiberboard who use NAF based resins to apply for written approval from the Executive Officer for an exemption from the requirements of section 93120.3(b) of the ATCM;

WHEREAS, section 93120.3(c) of the ATCM allows manufacturers of hardwood plywood, particleboard, and medium density fiberboard who use NAF based resins to submit an application for an exemption from the requirements of section 93120.3(b) of the ATCM to the Executive Officer, which includes: (A) a statement indicating which product types will be manufactured using NAF based resins for sale in California; (B) the chemical formulation of the candidate NAF based resin(s), including base resins, catalysts, and other additives used in manufacturing; (C) the name of their ARB-approved third party certifier; and (D) data on emissions performance of the candidate NAF based resin(s);

WHEREAS, the data on emissions performance of the candidate NAF based resin required in section 93120.3(c) of the ATCM must be obtained by working with an ARB-approved third party certifier, and must include three months of routine quality control testing data, the correlation of the routine quality control testing data to primary or secondary testing data, and the results of one primary or secondary method test, as required in Appendix 2 of section 93120.12 of the ATCM;

WHEREAS, section 93120.3(c)(1) of the ATCM requires that ninety percent of the three months of routine quality control testing data and the result of one primary or secondary method test must be shown to be no higher than 0.04 parts per million (ppm), and that all data must be shown to be no higher than 0.05 ppm for hardwood plywood and 0.06 ppm for particleboard, medium density fiberboard, and thin medium density fiberboard;

WHEREAS, section 93120.3(c)(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 has met the requirements specified in section 93120.3(c)(1) of the ATCM;

WHEREAS, Wen An Xingsheng Panel Factory (WAXPF or the "applicant") submitted an application that we received on January 20, 2009;

WHEREAS, the original application from WAXPF specified the range in product manufacturing parameters, applicable post-press product treatments, base resin trade name(s) and base resin manufacturer(s)/supplier(s), and other ingredients added to the base resin by the applicant to manufacture NAF hardwood plywood – veneer core products;

WHEREAS, ARB was provided base resin/adhesive information specifying the base resin polymer type and minimum and maximum values of all major and any minor ingredients in the base resin on a percent weight of solids basis;

WHEREAS, the base resins/adhesive supplier, commercial name, and resin type are set forth in Confidential Attachment A;

WHEREAS, the Executive Officer found that the evidence submitted by the applicant met the criteria specified in section 93120.3 (d)(1);

WHEREAS, the original application from WAXPF was deemed complete on March 3, 2009, and WAXPF was issued Executive Order N-09-016, signed on March 26, 2009;

WHEREAS, section 93120.3(c) of the ATCM allows NAF product manufacturers to apply for re-approval by ARB by submitting an updated application;

WHEREAS, WAXPF submitted an updated application to ARB for re-approval on February 16, 2011;

WHEREAS, the updated application for re-approval from WAXPF was deemed complete on March 8, 2011, and WAXPF was issued Executive Order N-11-016, signed on March 16, 2011;

WHEREAS, WAXPF submitted a request on November 23, 2011, and supplementary documentation to ARB to add an additional resin to their Executive Order N-11-016; WHEREAS, the updated application to add an additional resin was deemed complete on December 2, 2011, and WAXPF was issued Executive Order N-11-016A, signed on December 6, 2011;

WHEREAS, WAXPF submitted an updated application for re-approval to ARB on March 5, 2013, including the addition of another resin;

WHEREAS, the updated application for re-approval and addition of an another resin from WAXPF was deemed complete on March 11, 2013, and WAXPF was issued Executive Order N-13-016 signed on March 12, 2013;

WHEREAS, WAXPF submitted an updated application for re-approval to ARB on February 25, 2015;

WHEREAS, the updated application for re-approval from WAXPF was deemed complete on March 23, 2015, and WAXPF was issued Executive Order N-15-016, signed on April 8, 2015;

WHEREAS, WAXPF submitted a request on August 31, 2016, for approval to change their name from "Wen An Xingsheng Panel Factory" to "Hebei Imeako Environmental Protection Material Technology Co., Ltd" (Hebei Environmental);

WHEREAS, the updated application for name change from WAXPF was deemed complete on September 13, 2016;

WHEREAS, the Executive Officer finds that the request was justified and does not affect the NAF manufacturer's ability to continue to comply with section 93120.4(c); and

WHEREAS, the Executive Officer approved WAXPF's request for name change and it is appropriate that Executive Order N-15-016 be superseded by this Executive Order N-15-016A.

NOW, THEREFORE, IT IS ORDERED that Hebei Environmental is hereby approved as a NAF manufacturer of hardwood plywood – veneer core exempt from the requirements of section 93120.3(b) and Appendix 2 of section 93120.12 of the ATCM, provided that the following terms and conditions are met for products sold, supplied, offered for sale, or manufactured for sale in California;

1. Hebei Environmental must use the commercial resin listed and supplier listed in section A of Confidential Attachment A of this Executive Order for the manufacture of hardwood plywood – veneer core products.

2. The chemical formulation of the base resin used for the manufacture of NAF composite wood products by Hebei Environmental must be within the ranges specified in section B of Confidential Attachment A of this Executive Order.
3. The application rate of the base resins used for the manufacture of NAF composite wood products by Hebei Environmental must be within the ranges specified in section C of Confidential Attachment A of this Executive Order.
4. Other chemical components of the base resins (such as sizing wax and release wax) used for the manufacture of NAF composite wood products by Hebei Environmental must be within the ranges specified in section D of Confidential Attachment A of this Executive Order.
5. The allowable operating parameters for press temperature and press time for the base resins used to manufacture the NAF composite wood products by Hebei Environmental must be within the ranges specified in section E of Confidential Attachment A of this Executive Order.
6. Only the composite wood products with the product names listed in section F of Confidential Attachment A of this Executive Order are authorized under this Executive Order.

BE IT FURTHER ORDERED that Hebei Environmental may change the resin constituent supplier listed in section A of Confidential Attachment A if the new resin supplier supplies the same resin constituent listed in Confidential Attachment A, confirmatory emission tests are conducted and the Chief of the Emissions Assessment Branch within the Transportation and Toxics Division is notified in advance of using for production;

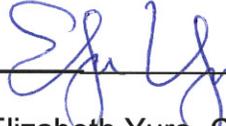
BE IT FURTHER ORDERED that Hebei Environmental must conduct confirmatory testing for a new resin supplier by demonstrating that the results of one primary or secondary method tests for the new resin system supplier are no higher than 0.04 ppm for the NAF products authorized under this Executive Order;

BE IT FURTHER ORDERED that this Executive Order shall have a duration of two years from the date this Executive Order is signed; the applicant may apply for re-approval as provided in section 93120.3(d)(5) of the ATCM.

BE IT FURTHER ORDERED that the applicant must maintain records in electronic or hard copy form for two years, for review by ARB upon request, as specified in section 93120.3(g) of the ATCM.

BE IT FURTHER ORDERED that the applicant must notify the Executive Officer in writing within 30 days if there is any change in their product manufacturing parameters or base resin manufacturer(s) or supplier(s) that does not comply with any of the requirements, terms or conditions specified in the ATCM or this Executive Order.

Executed at Sacramento, California this 19 day of September, 2016.



Elizabeth Yura, Chief
Emissions Assessment Branch
Transportation and Toxics Division