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Syktvykar Plywood Mill Ltd.
 Uchtinskoe ave. 66
 167026 Syktvykar
 Republic of Komi
 Russia

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Type of the report:

Evaluation report on the initial inspection of the manufacturer's factory production control according to the Final Regulation Order of "Airborne Toxic Control Measure to Reduce Formaldehyde Emission from Composite Wood Products", 93120-93120.12, title 17, California Code of Regulations § 93120, in third quarter of year 2015

Client:

Syktvykar Plywood Mill Ltd.
 Uchtinskoe ave. 66
 167026 Syktvykar
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The inspection report comprises 4 pages. This report is not permitted to be published incompletely. A publication in extracts is in any case subject to the previous consent of Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut (WKI), Bienroder Weg 54E in 38108 Braunschweig (Germany).



1. Task

Manufacturer of composite wood products must demonstrate compliance with the Final Regulation Order "Airborne Toxic Control Measure to Reduce Formaldehyde Emission from Composite Wood Products", 93120-93120.12, title 17, California Code of Regulations, § 93120 by third party certification and supervision if the composite wood products are manufactured for the Californian market.

The purpose of an initial on-site inspection is to determine that the quality control procedures and processes are conform or can be made conform to the requirements of section 93120.12, Appendix 2 of the Final Regulation Order.

On the basis of the certification and supervision contract: registered number 1034, dated 23.02.2015 between the manufacturer and the Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut (WKI) as a CARB approved Third Party Certifier (by executive order W-14-004), the initial inspection of the factory production control for the below mentioned composite wood product was carried out.

Product 1:	Plywood, pine, unfaced, phenolic-formaldehyde (PF)
Technical class:	EN 636-2; DIN 68705-3; CARB Phase 2
Thickness range:	9 mm ≤ 30 mm
Product name:	pine plywood for building purposes
Certification No.:	1034-2015-06-TPC-4

2. Execution

The initial inspection took place on **23 July 2015** at the manufacturer's production site:

Syktyvkar Plywood Mill Ltd.
Uchtinskoe ave. 66
167026 Syktyvkar
Republic of Komi
Russia

As representative of the manufacturer was present:

Ms. Valentina Yegorova

Laboratory manager

The initial inspection was carried out by the WKI employee Dipl.-Ing. (FH) Florian Hulka. Following requirements for the initial plant qualification according to the Final Regulation Order § 93120.12 Appendix 3 (c) were discussed and checked respectively:

- a quality control manual written in English language
- quality control facilities and personnel
- results of a primary or secondary method qualifying test
- routine small scale quality control tests
- a procedure for selecting samples
- correlation values between the routine small scale quality control test and the primary or secondary method test

3. Results of the inspection

The manufacturer fulfils the preconditions to carry out quality control tests for the products to be certified.

A comparison test between manufacturer's laboratory and WKI laboratory showed deviating test results (see following table).

Small scale test method: EN 717-2
 Measurement unit: mg/m²h

Sample number	Test results of Manufacturer Dated:			Test results of WKI Dated:			Deviation [mg/m ² h]	Pass/Fail
	HCHO value measured	Moisture content [%] adapted to 6.5 %	Moisture content [%]	HCHO value measured	Moisture content [%] adapted to 6.5 %	Moisture content [%]		
Q3-2015-G1	2.7		4.8	2.6		5.9	+ 0,2	pass
Q3-2015-G1	2.4		4.8	2.6		5.9	- 0,2	pass

The quality control employees have adequate experience and training to conduct chemical analytical tests.

A documentation system for the detection of deviations and mistakes allowing the detection of products not meeting the requirements and the separation of the same before shipment can be established.

The determination of the statistical correlation between the plant's small scale test method and the large chamber reference method was carried out at the WKI (TPC-4).


Complaints:

Certificate no. 1034:

There was no current production of pine plywood for building purposes.

4. Assessment

The quality control procedures and processes for the product specified in section 2 are conform to the requirements of the Final Regulation Order of "Airborne Toxic Control Measure to Reduce Formaldehyde Emission from Composite Wood Products", 93120-93120.12, title 17, California Code of Regulations § 93120.



Dipl.-Ing. (FH) Oliver Meistring
Official in charge



Dipl.-Ing. Harald Schwab
Head of the Testing, Supervision and
Certifying Body

Attachments:

Test report QA-2015-1444 (Qualifying test report) dated 4 June 2015
Test report QA-2015-1445 (Correlation test report) dated 4 June 2015