

FloorScore®

2021 Renewal Certification Assessment

SCS Environmental Certification Services

Prepared for:

Dalian Penghong Floor Products Co., Ltd.

Engineered Hardwood Flooring

*Manufactured by / Dalian Penghong Floor Products Co.,Ltd./
Qingshan Village, Yongzheng Street, Jinzhou District, Dalian City,
Liaoning, China*

Project Work Order: #DPH-21-01

June 29, 2021



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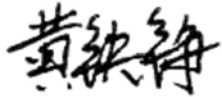
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FloorScore® Renewal Certification Assessment

SCS Global Services, Environmental Certification Services completed a renewal FloorScore certification assessment of Dalian Penghong Floor Products Co., Ltd.' s Engineered Hardwood Flooring products manufactured in Qingshan Village, Yongzheng Street, Jinzhou District, Dalian City, Liaoning, China. The lead auditor has completed a full assessment of the quality management assessment of each manufacturing site and product emissions review to determine conformance to SCS EC 10.3 – 2014 V4.0 Indoor Air Quality Performance Standard and CA 01350 (Standard Method v1.2, effective April 1, 2017). The results of the assessment are included within this assessment report.

This certification assessment has been completed in accordance with SCS' quality management system, ISO 19011 standard auditing practices, ISO/IEC 17065 and has been approved by the program manager. If there is a disagreement with the certification decision, please contact the program manager/quality manager directly.



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EXECUTIVE SUMMARY

ASSESSMENT SCOPE

Dalian Penghong Floor Products Co., Ltd.'s Engineered Hardwood Flooring assessment scope is detailed in the work order DPH-21-01. No changes have been made to the scope of the original work order.

INDOOR AIR QUALITY CERTIFICATION SUMMARY

The following table details the conformance for products that have met FloorScore® product certification requirements. Products that have met FloorScore® certification also comply with the following criteria: USGBC LEED 2008, 2009 and v4 for Low-Emitting Materials (Flooring); Collaborative for High Performance Schools (CHPS) 2009 Criteria, EQ2.2.3; ANSI/ASHRAE/USGBC/IES Standard 189.1-2014, Section 8.4.2.3: Floor Covering Materials; BREEAM International and BREEAM UK; Green Guide for Health Care 2.2 EP 3.3 and EQ 4.3; and WELL Building Standard 4.3.a: Air.

| PRODUCT CATEGORY | PRODUCT LINE(S) | QUALIFICATIONS | CERTIFICATE NUMBER | CERTIFICATION PERIOD |
|------------------------------|--|--|--------------------|-------------------------------|
| Engineered Hardwood Flooring | Multi-Layer Engineered Hardwood Flooring (Maximum thickness: 20.0mm) | TVOC Range: 0.5mg/m ³ or less | SCS-FS-04059 | July 1, 2021 to June 30, 2022 |

PRODUCT ASSESSMENT SUMMARY

No Non-Conformance Report (NCR) / Opportunity for Improvement (OFI) /New Information Request (NIR) were issued as a result of this assessment.

MANUFACTURING ONSITE AUDIT SUMMARY

The table below indicates the entire scope of applicable site audits, the status of site audits completed, conformance status, and rationale for site audit selection for initial and renewal years.

| MANUFACTURING SITE | DATE OF LAST ONSITE AUDIT | STATUS OF NCR/NIR | AUDITOR RATIONALE |
|--|---------------------------|--|---|
| Qingshan Village, Yongzheng Street, Jinzhou District, Dalian City, Liaoning Province, China. | April 18, 2016 | There was one NCR and the status was closed. | This site continues to demonstrate the ability to control production through a quality management system and manufactures products considered to be a low priority for emissions testing. Therefore, the site is also considered a low priority and does not require a renewal onsite audit at this time. The site will undergo a full quality review during the 2024 renewal assessment. |

1.0 Engineered Hardwood Flooring Assessment

The following tables provide a progressive review on how products were selected to represent the emission profile for the product category, actual emissions results, and overall product certification results.

1.1 PRODUCT TESTING SAMPLE SELECTION

Dalian Penghong Floor Products Co., Ltd. has demonstrated low emission results in the past. As a result, no additional testing will be required during the 2021 renewal.

1.2 PRODUCT EMISSIONS RESULTS

The table below summarizes the product emissions history results for the individual volatile organic compounds (VOCs) tested for compliance to CA Specification 01350 (Standard Method v1.2, effective April 1, 2017) private office and school classroom parameters when modeled as flooring.

1.2.1 Engineered Hardwood Flooring

| PRODUCT LINE | LAB REPORT NUMBER AND DATE | CREL VOCs | EF ($\mu\text{g}/\text{m}^2$) at 96 hrs | PRIVATE OFFICE* RESULTS | SCHOOL CLASSROOM** RESULTS | TVOC RANGE |
|---|-----------------------------|--------------------|---|-------------------------|----------------------------|------------------------------------|
| Multi-Layer Engineered Hardwood Flooring 15mm | BAA-No.838-001-01A-May1216 | Acetaldehyde | 3.90 | Pass | Pass | - |
| Multi-Layer Engineered Hardwood Flooring 15mm | BAA-No.838-001-01A-May1216 | Methylene chloride | 13.90 | Pass | Pass | - |
| Multi-Layer Engineered Hardwood Flooring 15mm | BAA-No.838-001-01A-May1216 | TVOC | 478.00 | - | - | 0.5 mg/m^3 or less |
| Multi-layer Engineered Hardwood Flooring 20mm | IAQ-2018-028-FS/May 23,2018 | Naphthalene | 4.27 | Pass | Pass | - |
| Multi-layer Engineered | IAQ-2018-028- | Formaldehyde | 16.01 | Pass | Pass | - |

| | | | | | | |
|---|------------------------------------|-------------------------------|--------|------|------|----------------------------------|
| Hardwood Flooring 20mm | FS/May 23,2018 | | | | | |
| Multi-layer Engineered Hardwood Flooring 20mm | IAQ-2018-028- FS/May 23,2018 | Acetaldehyde | 8.38 | Pass | Pass | - |
| Multi-layer Engineered Hardwood Flooring 20mm | IAQ-2018-028- FS/May 23,2018 | TVOC | 451.36 | - | - | 0.5 mg/m ³ or less |
| Multi-layer Engineered Hardwood Flooring 20mm | IAQ-2019-007- FS/Apr. 18,2019 | Xylenes Mixed (o-, m-, p-) | 5.16 | Pass | Pass | - |
| Multi-layer Engineered Hardwood Flooring 20mm | IAQ-2019-007- FS/Apr. 18,2019 | TVOC | 36.02 | - | - | 0.5 mg/m ³ or less |
| Multi-layer Engineered Hardwood Flooring 20mm | Beijing_IAQ-2020- 029-FS/052120 | Xylenes Mixed (o-, m-, p-) | 6.14 | Pass | Pass | - |
| Multi-layer Engineered Hardwood Flooring 20mm | Beijing_IAQ-2020- 029-FS/052120 | TVOC | 74.33 | - | - | 0.5 mg/m ³ or less |

*Key modeling parameters for the private office scenario include an air flow rate of 20.7 m³/hr and flooring surface area of 11.15m².

**Key modeling parameters for the school classroom scenario include an air flow rate of 191 m³/hr and a flooring surface area of 89.2m².

The results for Dalian Penghong Floor Products Co., Ltd.'s Engineered Hardwood Flooring products manufactured in Qingshan Village, Yongzheng Street, Jinzhou District, Dalian City, Liaoning, China demonstrate that all 35 targeted CREL VOCs listed in CDPH/EHLB Standard Method V1.2 are below 70% of the maximum allowable limits. Therefore, these products are considered **Low Priority**. Low Priority products require renewal testing every two years after 2020 certification. The TVOC results also demonstrate a TVOC range of 0.5 mg/m³ or less.

1.3 Quality Management System

The table below includes a review of the ongoing maintenance of the manufacturer's quality management system in accordance to SCS EC10.3-2014.


| REQUIREMENT | SUPPORTING DOCUMENTATION | AUDITOR KEY FINDINGS | CONFORMANCE ISSUE |
|-------------|--------------------------|----------------------|-------------------|
|-------------|--------------------------|----------------------|-------------------|

| | | | | |
|---|--|--|---|--|
| 1 | QMS Certification Valid ISO 9001 or comparable certification was submitted (if applicable) | ISO 9001 Certificate. | The ISO9001 certificate No. 02120Q11259R1M, the period of valid is from Oct 30, 2020 to Oct. 29, 2023. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 2 | Internal/External Audits Evidence of no outstanding NCRs were provided. | External audit report: 20Q8086-015-2/B and Nonconformance report: 20Q8086-011/B. | The external audit has done on Sep. 17, 2020 to Sep. 18, 2020 and two closed NCRs about ISO9001 has issued. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 3 | Production Flow Chart [Reference: SCS-EC10.3-2014-Section 6.5] | FloorScore 2021 DRF. | The production flow chart was no change. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 4 | Production Variability [Reference: SCS-EC10.3-2014-Section 6.5] | FloorScore 2021 DRF. | No change to production variability was reported by client. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 5 | Product Line Identification and Traceability [Reference: SCS-EC10.3-2014-Section 6.5] | FloorScore 2021 DRF. Identification and traceability procedure: DLPH-A-2019-8.5.2. | No change. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 6 | Production Control [Reference: SCS-EC10.3-2014-Section 6.5] | FloorScore 2021 DRF. Nonconforming Product Control Procedures: DLPH-A-2019-8.7; Corrective and Preventive Action Procedures: DLPH-A-2019-10.2. | No change. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |

1.4 FloorScore® Logo Review

The table below includes a review of the ongoing FloorScore® logo usage

| REQUIREMENT | SUPPORTING DOCUMENTATION | AUDITOR KEY FINDINGS | CONFORMANCE ISSUE |
|-------------|--------------------------|----------------------|-------------------|
|-------------|--------------------------|----------------------|-------------------|

| | | | | |
|---|--|--|--|--|
| 1 | Logo Use-Website Are SCS Indoor Air Quality logos used on the company website? (If yes, provide a link to the website.) | | The client did not apply to the website. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 2 | Logo Use-Marketing Collateral Are SCS Indoor Air Quality logos used on “off-products” such as brochures, price lists, or leaflets? (If yes, provide a sampling of logos used on off-products.) | Didn't use | The company does not use SCS Indoor Air Quality logos on “off-products” and they intend to use it later. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |
| 3 | Logo Use-On Product Packaging Are SCS Indoor Air Quality logos used on products such as product packaging or labels? (If yes, provide an example of a logo used on products.) |  | Communicated with Steven Zhai, he told that they used the FloorScore Logo on the product package. | <input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR |

APPENDIX

A.1 Renewal Audit Recommendations

A.1.1 Renewal Sample Selection

The following table represents suggested sample selections for emissions testing for Engineered Hardwood Flooring. The frequency and required number of samples is dependent on the quality management systems review per manufacturing site and emissions history review completed during each renewal assessment by the auditor.

| PRODUCT LINE | PRODUCT MODEL/ SKU NUMBER | Renewal YEAR | AUDITOR RATIONALE |
|---|------------------------------|--------------|--|
| Multi-Layer Engineered Hardwood Flooring (Maximum thickness: 20.0mm) | 20.0mm | 2022 | The results for Dalian Penghong Floor Products Co., Ltd. 's Engineered Hardwood Flooring products demonstrate that all 35 targeted CREL VOCs listed in CDPH/EHLB Standard Method V1.2 are below 70% of the maximum allowable limits. Therefore, these products are |

| PRODUCT LINE | PRODUCT MODEL/ SKU NUMBER | Renewal YEAR | AUDITOR RATIONALE |
|--------------|------------------------------|--------------|--|
| | | | considered Low Priority . Low Priority requires renewal testing every two years after 2020 certification. |