

## calCOMPLiant™ and EPA Certification Program CARB 和 EPA 认证项目

SCS Global Services, Environmental Certification Services completed a required calCOMPLiant CARB and EPA assessment of Dongying Zhenghe Wood Industry Co., Ltd. for products manufactured at No.28 Guangkai Road, Guangrao Economic Development Zone, Dongying City, Shandong Province, China.

SCS 已完成对工厂地址仅为山东省广饶县经济开发区广凯路 28 号的东营正和木业有限公司产品的 CARB 和 EPA 的评审。

The lead auditor has completed an assessment to determine initial conformance to California Air Resources Board (CARB) Airborne Toxic Control Measure §93120-93120.12 and initial conformance to Toxic Substance Control Act Title VI 40 CFR Part 770 in order to Reduce Formaldehyde Emissions from Composite Wood Product requirements. A summary of the assessment are detailed in this report.

审核员已完成 CARB, EPA 的初审审核决定，本报告详细介绍了评估情况。

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

本认证依照 SCS 质量管理体系和 ISO 19011 管理体系审核指南进行评定，并已得到项目经理的批准。如果对认证决定有任何异议，请直接与审核员联系。

| SURVEILLANCE SUMMARY REPORT               |  |
|---|--|
| <b>Assessment Type</b><br>审核类别            | <b>CARB</b> <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Q1 <input type="checkbox"/> Q2 <input type="checkbox"/> Q3 <input type="checkbox"/> Annual  |
|   | <b>EPA</b> <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Q1 <input type="checkbox"/> Q2 <input type="checkbox"/> Q3 <input type="checkbox"/> Annual   |
| <b>Assessment Date</b><br>审核时间            | May 17, 2018<br>2018 年 5 月 17 日  |
| <b>SCS Lead Auditor</b><br>SCS 审核员        | Cao Yanrong(Ella)/Auditor<br>曹燕荣   |
| <b>Manufacturers Criteria</b><br>生产商符合的标准 | <ul style="list-style-type: none"> <li>California Code of Regulation title 17, section 93120.3<br/><i>Requirements for Manufacturers of HWPW, PB and MDF</i></li> <li>California Code of Regulation title 17, section 93120.12 Appendix 2<br/><i>Quality Assurance Requirements for Manufacturers of Composite Wood Products</i></li> <li>EPA TSCA Title VI 40 CFR Part 770</li> </ul> |

|  |  |  |                          |
|--|--|--|--------------------------|
|  | ■ Ikea IOS-MAT-0003  |  |                          |
| <b>QC Testing Criteria</b><br><b>(Small Scale Chamber)</b><br>质量控制测试标准<br>(小规模测试法)   | <input type="checkbox"/> JIS A 1460:2015<br><input checked="" type="checkbox"/> ISO 12460-5:2015<br><input type="checkbox"/> ISO 12460-3:2015<br><input checked="" type="checkbox"/> ASTM D6007-14   |  |                          |
| <b>Updated QCL</b><br><b>QCL 值</b>   | tMDF: 7.87(mg/100g)<br>MDF : 7.02mg/100g   |  |                          |
| <b>Emissions Criteria</b><br>甲醛释放量标准   | California Code of Regulation title 17, section 93120.2<br><i>Formaldehyde Emission Standards for HWPW, PB and MDF</i><br>EPA TSCA Title VI 40 CFR Part 770, Subpart C 770.10 (b)<br>Ikea IOS-MAT-0003   |  |                          |
| <b>Product Type</b><br>产品类别  | <input type="checkbox"/> HWPW-CC <input type="checkbox"/> HWPW-VC <input type="checkbox"/> PB <input checked="" type="checkbox"/> MDF <input checked="" type="checkbox"/> tMDF   |  |                          |
| <b>Phase Achieved</b><br>符合的阶段和声明  | <input type="checkbox"/> Phase 1 <input checked="" type="checkbox"/> Phase 2 <input type="checkbox"/> ULEF <input type="checkbox"/> NAF <input checked="" type="checkbox"/> EPA TSCA Title VI  |  |                          |
| <b>CARB Certification</b><br><b>Number</b><br><b>CARB 证书编号</b>   | MDF: SCS-CARB-000518<br>tMDF:SCS-CARB-000519   | <b>Certification</b><br><b>Period</b><br>证书有效期 | 2018.06.19 to 2019.06.19 |
| <b>EPA Certification</b><br><b>Number</b><br><b>EPA 证书编号</b>   | MDF: SCS-EPA-000520<br>tMDF:SCS-EPA-000521   | <b>Certification</b><br><b>Period</b><br>证书有效期 | 2018.06.19 to 2019.06.19 |
| <b>Certification Status</b><br>认证状态  | CERTIFICATION CRITERIA MET 满足 <input checked="" type="checkbox"/> PENDING CERTIFICATION 待定 <input type="checkbox"/><br>WITHDRAWN CERTIFICATION 撤销 <input type="checkbox"/> TERMINATED CERTIFICATION 终止 <input type="checkbox"/><br>SUSPENDED CERTIFICATION 暂停 <input type="checkbox"/> |  |                          |
| <p><i>All currently certified products by SCS Global Services are listed in the <a href="#">SCS Green Product Guide</a>. If product is not listed in the GPG, please notify your SCS immediately of the discrepancy at <a href="mailto:calCOMpliant@SCSglobalServices.com">calCOMpliant@SCSglobalServices.com</a>.</i></p> <p>目前，SCS 所有认证产品都列在 SCS 的绿色产品指南中。如果产品没有在 GPG 中列出，请立即通知 SCS。</p> |  |  |                          |
| <p>Please note that specific details of the assessment are listed in the applicable audit checklist. All questions regarding the specifics of the audit shall be directed to the SCS lead auditor/program manager.</p> <p>请注意，评估的具体细节列在适用的审核表中。所有关于审核的细节问题请联系 SCS 审核员/项目经理</p>   |  |  |                          |

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Ella, June 15, 2018  
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## Audit Scope Summary 范围审核

### PURPOSE OF ASSESSMENT 审核目的

To ensure the criteria below has been properly implemented by the manufacturer.

确保制造商正确实施以下标准。

### SCOPE OF ONSITE AUDIT 现场审核范围

- Review of the CARB and EPA Quality Control Manual 审核 CARB/EPA 的质量手册；
- Observation of the manufacturing process for all certified products 观察认证产品生产过程；
- Review of related documents and records 检查文件记录；
- Interviews with key personnel 员工访谈；
- Random selection of samples in its ready to ship state collected from production lots labeled calCOMpliant and EPA compliant 从即将销售的产品中，随机抽取样品，检查其标签的符合性。

### TEST RESULTS 检测结果

The samples have been tested by a Third Party, CARB and EPA approved lab. The test value complied with declared emission standard. The audit results are listed below.

样品经 CARB 和 EPA 认可的第三方实验室检测，检测值符合甲醛释放量标准。测试结果如下所示。

| Product | Size/mm        | Production Date | Test Result/ppm         |                           |
|---------|----------------|-----------------|-------------------------|---------------------------|
|         |                |                 | Primary<br>(ASTM E1333) | Secondary<br>(ASTM D6007) |
| MDF     | 2440×1220×16   | 2018.05.03      | /                       | 0.02ppm                   |
| MDF     | 2440×1220×12   | 2018.05.15      | /                       | 0.02ppm                   |
| MDF     | 2440×1220×12   | 2018.05.15      | /                       | 0.02ppm                   |
| tMDF    | 2440×1220×6    | 2018.05.16      | /                       | 0.03ppm                   |
| tMDF    | 2440×2440×4.75 | 2018.05.16      | /                       | 0.02ppm                   |
| tMDF    | 2440×1220×3    | 2018.05.17      | /                       | 0.02ppm                   |