

Indoor Air Quality - Furniture

2024 Renewal Certification Assessment

SCS Environmental Certification Services

Prepared for:

ERG International

Headquartered in Oxnard, CA

Seating and Tables

Project Work Order: ERG-24-01

July 12, 2024



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Indoor Air Quality Renewal Certification Assessment

SCS Global Services, Environmental Certification Service completed an Indoor Air Quality certification assessment of ERG International’s seating and tables products manufactured in Oxnard, CA and Dallas, TX. 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-105 Indoor Air Quality Performance Standard, CDPH/EHLB Standard Method (CA 01350) v1.2-2017 and ANSI/BIFMA M7.1/X7.1 Furniture Emission Standard. 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 Lead Auditor directly.

Authorized Signatures

AUDITOR INFORMATION			
Lead Auditor	Holly Bajko, Program Manager hbajko@scsglobalservices.com +1.831.421.1200	Date	July 12, 2024
SCS FINAL REVIEWER SIGNATURE			
SCS Decision Maker	Erik Hanba, Operations Director ehanba@scsglobalservices.com +1.510.421.1540		
Signature		Date	July 12, 2024

Executive Summary

Assessment Scope

ERG International products and associated manufacturing site assessed for Indoor Advantage™ Gold certification is detailed in the associated work order, ERG-24-01. A **CHANGE OF SCOPE** was required to include additional product line configurations, which is detailed in the 2024 IAQ DRF. The new materials do not have any impact on emissions, thereby did not impact the work order fees or assessment scope. Additionally, SCS-EC10.3.2014 v4.1 is now obsolete, being replaced by SCS-105 v4.2. No changes to audit requirements have been made, only the name and structure of the standard was updated.

Client Requests from the Document Request Form

SCS CERTIFICATE NUMBER	PRODUCT NAME	ACTION REQUESTED	MATERIAL DESCRIPTION	REFERENCE DOCUMENTS/TEST REPORTS	AUDITOR DECISION	AUDITOR RATIONALE
SCS-IAQ-07199	Cora	ADD	wood, foam, metal & upholstery fabric	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	This product is constructed using similar materials and processes as other certified products including the worst-case Laguna, and is expected to have similar emissions as Laguna; therefore, Cora be added to the existing certification.

SCS-IAQ-07199	Daylen	ADD	wood, foam, metal & upholstery fabric	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	This product is constructed using similar materials and processes as other certified products including the worst-case Laguna, and is expected to have similar emissions as Laguna; therefore, Daylen be added to the existing certification.
SCS-IAQ-07199	Milly	ADD	wood, foam, metal & upholstery fabric	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	This product is constructed using similar materials and processes as other certified products and can, therefore, be added to the existing certification.
SCS-IAQ-07200	Mason	ADD	wood, plastic laminate & metal	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	This product falls within the worst-case Maple veneer as it does not use veneer and can, therefore, be added to the existing certification.
SCS-IAQ-07200	Rondo	ADD	wood, plastic laminate & metal	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	This product falls within the worst-case Maple veneer as it does not use veneer and can, therefore, be added to the existing certification.
SCS-IAQ-07199	Oliver	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Foray	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Lotus	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A

SCS-IAQ-07199	Westlake (Metal & Wood)	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Tango	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Morgan	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Elliot	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Dekko	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Island (10 & 20)	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Samba	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Symphony	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07200	Dome	Remove	N/A	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Ventura (Metal & Wood)	Change	Change Name to "Ventura"	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A
SCS-IAQ-07199	Brody	Change	Change Name to "Britney"	ERG_2024_IAQ_DRF_client_5-10-24.xls	Approved	N/A

Quality Management System Review

No changes were made to the client's Quality Management System per the Document Request Form submitted.

Certification Assessment Results

Emissions Summary and Recommendations

Tested Product/Material	ERG Laguna 32" W Single Hideout / 1222
Lab Report #	1365-003-01AA-Jun1324
Manufacturing Site(s)	Oxnard, CA
Model Type	Seating
Sample Result Summary	Product continues to comply with 7.6.1 and 7.6.2.
Sample Plan Rationale	Laguna was the expiring worst-case representative for all seating products. Represents SCS-IAQ-07199.
Reference Documentation	ERG_2024_IAQ_WKBK_laguna seating.xls

Compound Concentration (µg/m³)	Indoor Advantage™		Indoor Advantage™ Gold							
	ANSI/BIFMA M7.1/X7.1 (ANSI/BIFMA e3 7.6.1) Seating Parameters		ANSI/BIFMA e3 7.6.2 Seating Parameters		CA 01350 Office Seating Scenario		CA 01350 School Classroom Scenario		ANSI/BIFMA e3 7.6.3 Seating Parameters	
	Modeled	Maximum Allowable	Modeled	Maximum Allowable	Modeled	Maximum Allowable	Modeled	Maximum Allowable	Modeled	Maximum Allowable
Acetaldehyde	--	--	9.40	70	9.40	70	16.47	70	--	--
Benzaldehyde		N/A	0.92	N/A	0.92	N/A	1.61	N/A		
Dimethylformamide (N,N-)	--	--	1.54	40	1.54	40	2.71	40	--	--
Isopropanol	--	--	5.73	3500	5.73	3500	10.05	3500	--	--
Formaldehyde	5.12	30.71	10.40	16.5	10.40	9	18.24	9	10.40	9
Phenylcyclohexene (4-PCH)	0.00	6.50	--	--	--	--	--	--	--	--
TOTAL VOC	34.84	250	--	--	--	--	--	--	--	--
TOTAL Aldehydes (ppb)	15.53	50	--	--	--	--	--	--	--	--
RESULT	PASS		PASS		FAIL		FAIL		FAIL	

Lab Testing Requirements

The table below is a checklist of the standard requirements for product testing and report results according to SCS-105 Indoor Air Quality Performance Standard and ANSI/BIFMA M7.1/X7.1.

REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	CONFORMANCE ISSUE
Laboratory is a qualified ISO 17025 certified laboratory. [Reference: SCS-105 Section 6.2]	1365-003-01AA-Jun1324.pdf	Berkeley Analytical is an SCS-approved lab.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
The manufacturer has submitted results in accordance with ANSI/BIFMA M7.1/X7.1 [Reference: SCS-105 Section 6.2]	1365-003-01AA-Jun1324.pdf	Requirement met.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
Samples for testing are selected by a SCS auditor or a person authorized by SCS. [Reference: SCS-105 Section 6.1]	Email: ERG International 2024 Sample Plan	Sample selected by an SCS Lead Auditor.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
The samples are selected from a production lot that is representative of the processes and quality the manufacturer intends to present to the market. [Reference: SCS-105 Section 6.2]	1365-003-01AA-Jun1324.pdf	Mid-scale samples represent the typical production process.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
Samples submitted to the laboratory are in accordance with ANSI/BIFMA M7.1/X7.1. [Reference: SCS-105 Section 6.2]	1365-003-01AA-Jun1324.pdf	Requirement met.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR

Indoor Air Quality Certification Summary

The following table details the conformance and product categories that have met Indoor Advantage™ Gold product certification requirements. Products that have met Indoor Advantage™ Gold certification also comply with the following criteria: Collaborative for High Performance Schools (CHPS) 2009 Criteria, EQ2.2.3; and USGBC LEED 2009 and V4 criteria for low emitting materials (Furniture).

The certification date range for the products certified below is July 15, 2024 through July 14, 2025.

CERTIFICATE NUMBER	PRODUCT CATEGORY	CERTIFICATE CHANGES	CONFORMANCE	QUALIFICATIONS
SCS-IAQ-07199	Seating	See Table Above	(CHANGE) Indoor Advantage™ Gold Indoor Air Quality Certified to SCS-105 v4.2 Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2021) and ANSI/BIFMA e.3-2019 (Credits 7.6.1, 7.6.2) for seating parameters.1 1 Modeled as Office Seating	None
SCS-IAQ-071200	Tables	See Table Above	(CHANGE) Indoor Advantage™ Gold Indoor Air Quality Certified to SCS-105 v4.2 Conforms to the ANSI/BIFMA Furniture Emissions Standard (*M7.1/X7.1-2011 R2021) and ANSI/BIFMA e.3-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for the open plan and private office workstation parameters.1 Also, conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the open plan and school classroom parameters.1 1 Modeled as Individual Furniture Components	None

Product Conformance Summary

No production or quality management system conformance issues were identified in this audit. The client continues to perform as a low risk manufacturer and has reported reduced emission profile for this assessment by submitting samples that have followed a typical manufacturing procedure versus a rush production procedure.

Appendix – Renewal Audit Recommendations

Renewal Sample Selection

The following table represents suggested sample selections for emissions testing. 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. At minimum, the recommended sample plan is based on renewal testing at a three-year frequency, unless there have been changes to the materials, production, or quality management system that could increase the emissions profile of the representative product for each product category.

PRODUCT CATEGORY	PRODUCT LINE/MATERIAL	PAST LAB RESULT	RENEWAL YEAR	AUDITOR RATIONALE
Seating	ERG Laguna / 1222	1365-003-01AA- Jun1324	2027	Worst-case representative test results expire after three years. The representative samples will need to be retested prior to the referenced renewal year.
Tables	ERG Tables- Various / 0- 1000 (Maple Veneer)	1365-002-01AA- Oct2422	2025	