Indoor Air Quality - Furniture

2018 Renewal Certification Assessment

SCS Environmental Certification Services

Prepared for:

Martin Brattrud, Inc.

Headquartered in Gardena, CA, United States

Seating and Tables

Project Work Order: MAR-17-48

March 28, 2018

SCSglobal
SERVICES
Setting the standard for sustainability
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA
+1.510.452.8000 main | +1.510.452.8001 fax
www.SCSglobalServices.com

Indoor Air Quality Renewal Certification Assessment – 2018

SCS Global Services, Environmental Certification Service completed a Renewal Indoor Air Quality certification assessment of Martin Brattrud's products manufactured in Gardena, CA. 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 Indoor Air Quality Performance Standard, CDPH/EHLB Standard Method (CA 01350) v1.2-2017 and ANSI/BIFMA M7.1/X7.1-2011 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 Managing Director. If there is a disagreement with the certification decision, please contact the Lead Auditor directly.

Erik Hanba, 3/20/2018
Lead Auditor/Operations Manager
+1.510.421.1540 direct
ehanba@scsglobalservices.com

Nicole Muñoz, March 28, 2018
Final Review/Managing Director
+1.510.452.8031 direct
nmunoz@scsglobalservices.com

Executive Summary

Assessment Scope

Martin Brattrud and associated manufacturing site assessed for Indoor Advantage Gold certification is detailed in the associated work order, MAR-17-48. A **CHANGE OF SCOPE** was required to include additional product line configurations, which is detailed in the 2018 IAQ Renewal DRF. The new materials do not have any impact on emissions, thereby did not impact the work order fees or assessment scope.

No testing was required for this assessment. All worst cases have been tested in the past 3 years.

Products Added:

SCS CERTIFICATE NUMBER	PRODUCT NAME	MATERIAL DESCRIPTION	REFERENCE DOCUMENTS/TEST REPORTS	AUDITOR RATIONALE
SCS-IAQ-01634	Atomo	Atomo is similar construction as Flex with upholstery content similar to Maitias; Bases are powder coat with plastic casters/glides	345-010-01AA-Apr1317 Customer History and WC Guidance_Martin_Brattrud	Atomo is smaller and uses historically lower emitting materials than current worst-case Blackburn Side Chair
SCS-IAQ-01633	Cardiff	Cardiff is similar to McKeldin, upholstered wood leg chair.	345-010-01AA-Apr1317 Customer History and WC Guidance_Martin_Brattrud	Cardiff is smaller and uses historically lower emitting materials than current worst-case Blackburn Side Chair
SCS-IAQ-01634	Medinah	Medinah is similar to in construction to Reveal and Assembli with Upholstered back panels; Bases are powder coat steel	345-010-01AA-Apr1317 Customer History and WC Guidance_Martin_Brattrud	Medinah is smaller when divided by two seats and uses historically lower emitting materials than current worst-case Blackburn Side Chair
SCS-IAQ-02063	Contollo	Solid surface top with a metal base	345-010-02AA-Apr1317 Customer History and WC Guidance_Martin_Brattrud	Contollo is the same or less thick then worst-case Flex Table, Wood Excluded, same as Lotta
SCS-IAQ-02063	Jetty	Similar construction to Corbitz, wood options excluded, solid and laminate only.	345-010-02AA-Apr1317 Customer History and WC Guidance_Martin_Brattrud	Jetty is the same or less thick then worst-case Flex Table, Wood Excluded, same as Corbitz
SCS-IAQ-02063	Medinah	Solid surface top with a metal base	345-010-02AA-Apr1317 Customer History and WC Guidance_Martin_Brattrud	Medinah is the same or less thick then worst-case Flex Table, Wood Excluded, same as Niblick

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).

CERTIFICATE NUMBER	PRODUCT CATEGORY	CERTIFICATE CHANGES	CONFORMANCE	QUALIFICATIONS	CERTIFICATION PERIOD
SCS-IAQ-01633	Seating	(ADD) Cardiff	(No Change) **Indoor Advantage™** Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) for the seating parameters. Also conforms to ANSI/BIFMA e3-2014e (Credit 7.6.1) for the seating parameters.1 1Modeled as Office Seating	(No change) Excludes Vinyl and Polyurethane upholstery options (all), Wood veneer (Manele plinth base only), and COMs.	April 2, 2018 through April 1, 2019
SCS-IAQ-01634	Seating	(ADD) Atomo Medinah	(No change) **Indoor Advantage™ Gold** Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3-2014e (Credits 7.6.1, 7.6.2) for seating parameters.1 1Modeled as Office Seating	(No change) Excludes all Vinyl and Polyurethane upholstery options and COMs	April 2, 2018 through April 1, 2019
SCS-IAQ-02063	Tables	(ADD) Contollo Jetty Medinah	(No Change) **Indoor Advantage™ Gold** Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3-2014e (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 v1.2-2017 for the open plan.1 1Modeled as Individual Furniture Components	(No change) Excludes wood veneer options	April 2, 2018 through April 1, 2019

Product Conformance Summary

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

Quality Management System Review

The table below includes a review of the ongoing maintenance of the manufacturer's quality management system in accordance to SCS EC10.3-2014. Table is applicable to all sites within the assessment scope.

ITEM	REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	CONFORMANCE ISSUE
1	**QMS Certification** Valid ISO 9001 or third-party certification was submitted (Not Required)	Martin Brattrud_2018_IAQ_DRF_client.xlsx	Client is no longer ISO 9001 certified.	☒No issue ☐OFI ☐NIR ☐NCR
2	**Production Flow Chart / Process Description** [Reference: SCS-EC10.3-2014-Section 6.5]	Martin Brattrud_2018_IAQ_DRF_client.xlsx	No Change	☒No issue ☐OFI ☐NIR ☐NCR
3	**Corrective/Preventative Action Procedure** [Reference: SCS-EC10.3-2014-Section 6.5]	Martin Brattrud_2018_IAQ_DRF_client.xlsx	No Change	☒No issue ☐OFI ☐NIR ☐NCR
4	**Product Line Identification and Traceability** [Reference: SCS-EC10.3-2014-Section 6.5]	Martin Brattrud_2018_IAQ_DRF_client.xlsx	No Change	☒No issue ☐OFI ☐NIR ☐NCR
5	**Disclosure of Product Variability** [Reference: SCS-EC10.3-2014-Section 6.5]	Martin Brattrud_2018_IAQ_DRF_client.xlsx	No Change	☒No issue ☐OFI ☐NIR ☐NCR

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.

Testing should not be required during the 2019 assessment pending no major material production, supplier or quality management changes.

PRODUCT CATEGORY	PRODUCT LINE/MATERIAL	PAST LAB RESULT	SURVEILLANCE YEAR	AUDITOR RATIONALE
Seating	Blackburn Side Chair	345-010-01AA-Apr1317	2020	At minimum, the recommended sample plan is based on renewal testing at a three-year frequency. Martin Brattrud will need to retest this product in late 2019 to become recertified for the 2020 assessment.
Tables	Flex Tablet / Style 802	345-010-02AA-Apr1317	2020	At minimum, the recommended sample plan is based on renewal testing at a three-year frequency. Martin Brattrud will need to retest this product in late 2019 in order to become recertified for the 2020 assessment.