

FloorScore®

2022 Renewal Certification Assessment

SCS Environmental Certification Services

Prepared for:

PAMESA GRUPO EMPRESARIAL S.L.U.

Porcelain Tile

Manufactured in Almazora, Castellon, Spain

Project Work Order: #PAM-21-01

March 3, 2022



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

FloorScore® Renewal Certification Assessment

SCS Global Services, Environmental Certification Services completed a renewal FloorScore certification assessment of PAMESA GRUPO EMPRESARIAL S.L.U's Porcelain Tile products manufactured in Castellon, Spain. 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.



Michael Hubbell, March 1, 2022
Lead Auditor
mhubbell@scsglobalservices.com



Rob Emelander, March 3, 2022
Final Reviewer
+1.616.502.6090 direct
remelander@scsglobalservices.com

EXECUTIVE SUMMARY

ASSESSMENT SCOPE

PAMESA GRUPO EMPRESARIAL S.L.U.'s Porcelain Tile assessment scope is detailed in the work order PAM-21-01. A change of scope was required to update the Onda-Castellon manufacturing site name.

PREVIOUS SITE NAME	UPDATED SITE NAME
Tau Ceramica Onda-Castellon, Spain	TUA PORCELANICO S.L.U Onda-Castellon, Spain

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
Porcelain Tile	ECOCERAMIC, S.L.U., NAVARTI CERÁMICA, S.L.U., PRISSMACER CERÁMICA, S.L.U., TAU CERAMICA SOLUTIONS, S.L.U., GEOTILES, S.L.U., PAMESA CERÁMICA COMPACTTO, S.L.U.	TVOC Range: 0.5 mg/m ³ or less	SCS-FS-06088	May 1, 2022 – April 30, 2023

PRODUCT ASSESSMENT SUMMARY

The following table indicates if a Non-Conformance Report (NCR) / Opportunity for Improvement (OFI) /New Information Request (NIR) is issued based on deficiencies found in the documentation or other supplemental information provided to meet both Standard Method v1.2 and the Quality Management System requirements. All NCRs must be closed before certification may be issued.

NCR/ OFI/ NIR-#	STANDARD REQUIREMENT	AUDITOR FINDINGS	DUE DATE	STATUS
NIR-19-01	SCS-EC10.3-2014 V4.0-Section 6.6	The Onsite Audit for both sites have not yet been conducted due to auditor availability and travel restrictions due to COVID-19. The	April 30, 2023	Open

NCR/ OFI/ NIR-#	STANDARD REQUIREMENT	AUDITOR FINDINGS	DUE DATE	STATUS
		onsite audit will be scheduled once it is safe to resume travel.		

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	TO BE COMPLETED BY	STATUS OF NCR/NIR	AUDITOR RATIONALE
Pamesa Ceramica Almazora Castellon Spain	April 30, 2022	See NIR-19-01	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. Due to limited auditor capacity, the onsite audits required for initial certification were not able to be scheduled prior to issuing certification.
Tau Ceramica Onda-Castellon, Spain			

1.0 Product Category 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

Pamesa Grupo Empresarial, S.L.U. has demonstrated low emission results in the past. As a result, no additional testing will be required during the 2022 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 PORCELAIN TILE

MANUFACTURING SITE	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
Almazora-Castellon	Koncept Gris	392-2020-00054701 - 3/3/2020	Not Detected	-	PASS	PASS	
Almazora-Castellon	Koncept Gris	392-2020-00054701 - 3/3/2020	TVOC	-	-	-	0.5 mg/m ³ or less
Almazora-Castellon	Cromat Perla	392-2020-00054702 - 3/3/2020	Not Detected	-	PASS	PASS	
Almazora-Castellon	Cromat Perla	392-2020-00054702 - 3/3/2020	TVOC	-	-	-	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 Pamesa Ceramica's Porcelain Tile products manufactured in Almazora Castellon Spain demonstrate that all 35 targeted CREL VOCs listed in CDPH/EHLB Standard Method V1.2 are not detected. Therefore, these products are considered of **Minimal Concern**. 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.

1.3.1 ALMAZORA, CASTELLON, SPAIN

	REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	CONFORMANCE ISSUE
1	QMS Certification Valid ISO 9001 or comparable certification was submitted (if applicable)	6.iso 9001 certificate.pdf	The client is ISO 9001 certified, valid until June 16, 2024.	<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.	7.Informe AI PAMESA EN.pdf 8. Non conformance Report.pdf	The client has provided an internal audit report. There were two non-conformances; all which have been closed.	<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]	3a.GlobalEPD 002-013.pdf	The client has indicated no changes to this aspect of the Quality Management System.	<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]	4a.GlobalEPD 002-013.pdf	The client has indicated no changes to this aspect of the Quality Management System.	<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]	9a.GlobalEPD 002-013.pdf	The client has indicated no changes to this aspect of the Quality Management System.	<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]	10.Quality claim system and incident resolution.pdf	The client has provided evidence of a claims and customer complaint system.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR

1.3.2 ONDO-CASTELLON, SPAIN

	REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	CONFORMANCE ISSUE
1	QMS Certification Valid ISO 9001 or comparable certification was submitted (if applicable)	Pamesa_2022_FS_Renewal_DRF_auditor.docx	The site is not ISO certified but has implemented a Quality Management System.	<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.	7a. Internal ISO Audit TAU.pdf 8b NC Report TAU.pdf	The client has provided an internal audit report with one non-conformance. All findings have been closed.	<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]	3.1aGlobalEPD 002-033.pdf	The client has indicated no changes to this aspect of the Quality Management System.	<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]	3.1aGlobalEPD 002-033.pdf	The client has indicated no changes to this aspect of the Quality Management System.	<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]	9.1aGlobalEPD 002-033.pdf	The client has indicated no changes to this aspect of the Quality Management System.	<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]	10a.Quality claim system and incident resolution TAU.pdf	The client has provided evidence of a claims and customer complaint system.	<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.)	https://www.pamesa.com/CORPORATIVO.html	The client uses the logo appropriately in this aspect.	<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.)	5.logo use.pdf	The client uses the logo appropriately in this aspect.	<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.)	Pamesa_2022_FS_Renewal_DRF_auditor.docx	The client does not use the logo in this aspect.	<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. 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
Pamesa Ceramica	11.5mm	2024	The results for Pamesa Ceramica's Porcelain Tile products manufactured in Almazora Castellon Spain demonstrate that all 35 targeted CREL VOCs listed in CDPH/EHLB Standard Method V1.2 are not detected. Therefore, these products are considered of Minimal Concern and require renewal testing every four years.