



检测报告

TEST REPORT

报告编号:

REPORT NO.:

25201200783

样品名称:

NAME OF SAMPLE:

瓷质仿古砖

GLAZED PORCELAIN TILES

委托单位:

APPLICANT:

清远市欧典陶瓷有限公司

QINGYUAN OUDIAN CERAMICS CO., LTD.

检验日期:

DATE OF TEST:

16/03/2014 – 23/03/2014(DD/MM/YY)

国家陶瓷检测重点实验室联盟

STATE KEY TESTING LABORATORY UNION OF CERAMICS

国家建筑卫生陶瓷检测重点实验室

STATE KEY TESTING LABORATORY OF BUILDING CERAMICS AND SANITARY WARE

佛山出入境检验检疫局检验检疫综合技术中心

INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE
OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

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样品名称 Name of Sample	瓷质仿古砖 GLAZED PORCELAIN TILES	公称尺寸 Nominal Size	60cm × 60cm
型号 Type	有釉砖 GLAZED	工作尺寸 Work size	600mm × 600mm × 9.9mm
类别 Group	B I a ($E \leq 0.5\%$)	样品数量 Quantity of Samples	30 块 30 Pieces
样品记号 Mark of Samples		样品描述 Description of Samples	样品完好, 适合测试 The samples are sound, intact and fit for test.
委托单位 Applicant	清远市欧典陶瓷有限公司 QINGYUAN OUDIAN CERAMICS CO., LTD.	委托单位地址 Address of Applicant	清远市清城区源潭镇紧水坑 FOSHAN CAIDIE CERAMICS SCIENCE & TECHNOLOGY CO., LTD.
委托单位电话 Telephone of Applicant	86-13687401740	委托单位传真 Fax of Applicant	/
样品来源 Source of Samples	委托单位自送样品 Samples selected by applicant	接样日期 Received on	14/03/2014
检验依据 Test Standard	ISO 13006: 1998 Ceramic tiles – Definitions, classification, characteristics and marking Annex G Dry-pressed ceramic tiles with low water absorption $E \leq 0.5\%$ Group B I a		
检验结论 Conclusion of Test	样品经检验, 所检验项目的检验结果符合 ISO 13006:1998 标准中附录 G 的规定。 The results conform to the requirement of Annex G of standard ISO 13006:1998 with respect to the test items.		
检验单位盖章 Stamp of Test Unit	 日期: 30/03/2014 Date:	检验单位地址 Address of Test Unit	广东省佛山市禅城区魁奇一路澜石 (国际) 金属交易中心十八座二楼 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiye Road, Chancheng District, Foshan, Guangdong, China
		检验单位电话 Telephone of Test Unit	86-757-83960558
		检验单位传真 Fax of Test Unit	86-757-83827971
		邮编 Postal Code	528000
备注 Note	1、 未经允许, 本报告不得部分复制。 This Report shall not be reproduced except in full without the written approval of Test Unit. 2、 本报告仅是样品的检测结果。 The results in this report apply to the samples only.		

检验负责人
Tested by 肖景仁

审核
Inspected by 肖景仁

批准
Approved by 肖景仁



佛山出入境检验检疫局检验检疫综合技术中心

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<p>样品描述 Description of Samples</p>	<p>样品完好,适合测试 The samples are sound, intact and fit for test.</p>
<p>样品照片 Photo of Samples</p>	<div data-bbox="613 868 1203 1310"></div> <div data-bbox="602 1562 1211 2023"></div>

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序号 Sequence Number	检验项目 Test Item	检验标准 Test Method	标准要求 Provisions of Standard	检验结果 Test Result	判定 Judgement
1	尺寸和表面质量 Dimensions and surface quality				
	长度和宽度 Length and width	ISO10545-2	每块砖的平均尺寸相对于工作尺寸的允许偏差为 $\pm 0.6\%$ The deviation, in percent, of the average size for each tile (2 or 4 sides) from the work size: $\pm 0.6\%$	-0.05%~0.02%	合格 Pass
			每块砖的平均尺寸相对于 10 块砖平均尺寸的允许偏差为 $\pm 0.5\%$ The deviation, in percent, of the average size for each tile(2 or 4 sides) from the average size of the 10 test specimens(20 or 40 sides): $\pm 0.5\%$	-0.01%~+0.01%	合格 Pass
	厚度 Thickness	ISO10545-2	平均值 Average size	9.9mm	—
			厚度偏差 Deviation	每块砖厚度的平均值相对于工作尺寸厚度的最大允许偏差 $\pm 5\%$ The deviation, in percent, of the average thickness of each tile from the work size thickness: $\pm 5\%$	-0.38%~+0.98% 合格 Pass
	边直度 Straightness of sides	ISO10545-2	相对于工作尺寸的最大允许偏差为 $\pm 0.5\%$ The maximum deviation from straightness, in percent, related to the corresponding work sizes: $\pm 0.5\%$	-0.02%~+0.04%	合格 Pass
	直角度 Rectangularity	ISO10545-2	相对于工作尺寸的最大允许偏差为 $\pm 0.6\%$ The maximum deviation from Rectangularity, in percent, related to the corresponding work sizes: $\pm 0.6\%$	-0.10%~+0.10%	合格 Pass
	表面平整度 Surface flatness	ISO10545-2	中心弯曲度 Centre curvature	对于由工作尺寸计算的对角线的中心弯曲度为 $\pm 0.5\%$ Centre curvature, related to diagonal calculated from the work size: $\pm 0.5\%$	+0.07%~+0.10% 合格 Pass
			边弯曲度 Edge curvature	对于由工作尺寸计算的边弯曲度为 $\pm 0.5\%$ Edge curvature, related to the corresponding work sizes: $\pm 0.5\%$	+0.10%~+0.14% 合格 Pass
			翘曲度 Warpage	对于由工作尺寸计算的对角线的翘曲度为 $\pm 0.5\%$ Warpage, related to diagonal calculated from the work size: $\pm 0.5\%$	-0.17%~0.13% 合格 Pass
	表面质量 Surface quality	ISO10545-2	至少有 95% 的砖其主要区域无明显缺陷 A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	符合 Pass	合格 Pass

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2	物理性能 Physical properties					
	吸水率 Water absorption		ISO10545-3	平均值为 $E \leq 0.5\%$, 单个值不大于 0.6% Average: $E \leq 0.5\%$, Individual maximum 0.6%	平均值: 0.28% 最大值: 0.44% Average: 0.28% Individual maximum: 0.44%	合格 Pass
	破坏强度 Breaking strength		ISO10545-4	厚度 $\geq 7.5\text{mm}$, 破坏强度平均值不小于 1300N Thickness $\geq 7.5\text{mm}$, Not less than 1300N	1660N	合格 Pass
	断裂模数 Modulus of rupture		ISO10545-4	平均值不小于 35MPa, 单个值不小于 32MPa Minimum 35MPa, Individual minimum 32MPa	平均值: 40.2MPa 最小值: 36.8MPa Average: 40.2MPa Individual minimum: 36.8MPa	合格 Pass
	抗冲击性 Impact resistance		ISO 10545-5	报告检验结果 Test method available	0.85	—
	有釉砖表面耐磨性 Resistance to surface abrasion of glazed tiles		ISO10545-7	报告磨损等级和转数 Report abrasion class and cycles passed	2 级 600 转可见研磨痕 Class 2 Failure visible at 600 revolutions	—
	抗热震性 Thermal shock resistance		ISO10545-9	试验后, 所有样品无裂纹或炸裂。 Test method available	样品经试验, 无炸裂或裂纹。 Fully resistant	合格 Pass
	抗釉裂性 Crazing resistance		ISO10545-11	试验后, 釉面无裂纹或剥落。 Required	样品经试验, 无裂纹或剥落。 Fully resistant	合格 Pass
3	化学性能 Chemical properties					
	耐化学 腐蚀性 Resistance to chemicals	耐低浓度酸和碱 Resistance to low concentrations of acids and alkalis	ISO10545-13	制造商应报告耐化学腐蚀性等级 Manufacturer to state classification	GLA(V)	—
		耐家庭化学试剂和游泳池盐类 Resistance to household chemicals and swimming pool salts	ISO10545-13	不低于 GB 级 Minimum GB	GA(V)	合格 Pass
	耐污染性 Resistance to staining		ISO10545-14	不低于 3 级 Minimum Class 3	5 级 Class 5	合格 Pass