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(2010)建材质监认字(11)号

INSPECTION CERTIFICATE

STC for Stone Materials No. 10041101

CLIENT: XIAMEN YADONGLONG IMP & EXP Co., Ltd

SAMPLE: YDL2001 QUARTZ

TESTED ON: December 2~22, 2010

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Stone Mater
of China

**STONE MATERIALS QUALITY INSPECTION & TEST
CENTER OF CHINA BUILDING MATERIALS INDUSTRY**

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Center of China Building Materials Industry

Inspection Certificate

No. 10041101

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SUBJECT: Testing of Processing Quality Deviation, Flatness Deviation, Angle Deviation, Glossiness, Density, Water Absorption, Compressive strength, Flexural strength, Mohs Hardness, Impact Resistance, Coefficient of freeze resistance, Testing of Radionuclides.

CLIENT: XIAMEN YADONGLONG IMP & EXP Co., Ltd

SAMPLE: YDL2001 QUARTZ

TEST STANDARDS: SN/T0308-93 "Method for the Inspection of Man-made Stone for Export"
 GB 6566-2001 "Limit Of Radionuclides In Building Materials"
 JC/T 872-2000 "Glass-ceramics for building decoration"
 JC 830-2005 "Dry-hanging facing building stone and fixing metal systems"
 Sale Confirmation

DESCRIPTION OF SAMPLE: Each sample of YDL2001 QUARTZ was received on 2-12-2010.

SIZE OF SPECIMENS: (300×300×20) mm /10ps,

TESTED ON: December 2~22, 2010

DATE: December 22, 2010

RESULTS:

1. Testing results:

Type of test		Ref. Std.	Units	Actual Values			Required Values SN/T 0308—93 Sale Confirmation
				Max	Min	Average	
Processing Quality Deviation	length	SN/T 0308	mm	0 -0.5			0 -1.0
	width	SN/T 0308	mm	0 -0.2			0 -1.0
	thickness	SN/T 0308	mm	+0.9 +0.5			± 1.5
Flatness Deviation		SN/T 0308	mm	0.1			0.5
Angle Deviation		SN/T 0308	mm	0.2			0.4
Glossiness		SN/T 0308	Glossy	50			No less than 50
Density		SN/T 0308	g/cm ³	2.4	2.4	2.4	No less than 2.4
Water Absorption		SN/T 0308	%	0.04	0.03	0.04	No larger than 0.2
Compressive strength	Dry	SN/T 0308	MPa	236	227	230	No lesser than 90
	Wet	SN/T 0308	MPa	233	229	231	No less than 95
Flexural strength	Dry	SN/T 0308	MPa	42	23	34	No less than 16
	Wet	SN/T 0308	MPa	48	25	34	No less than 18
Coefficient of freeze resistance		JC 830	%	97			JC 830-2005 No less than 80
Impact Resistance		SN/T 0308		40cm, no damage			40cm, no damage
Mohs Hardness		JC/T 872	Grade	5~6			No less than 3


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2. Radionuclides testing results:

Ra-226	Th-232	K-40	Internal Exposure Index	External Exposure Index
0.00 ± 0.00 Bq/kg	0.22 ± 0.47 Bq/kg	0.05 ± 0.22 Bq/kg	0.00	0.001
The specimens is A grade decorative materials, no limit in using.				

Prepared by: 

Approved by: 

This certificate may not be reproduced except in full. This certificate represents interpretation of the results obtained from the test specimen and is not to be construed as guaranty of warranty of the condition of the entire material lot.

