Report No. **TC.13.07.000417**

Date of Issue **07/22/2013**

Applicant: **Hangzhou Jinmeng Road Establishment Co., Ltd**

Description of the test subject:

Sample	Description	Photo
001	Name: manhole cover Color: grey Composition: resin fibreglass composite	

Receipt Date of Sample: **07/18/2013**

Date of Testing: **From 07/18/2013 to 07/22/2013**

Sample submitted: **The sample(s) was (were) submitted by applicant and identified.**

Conclusion:

Test Items			001
No.	**Items**	**Standard**	
01	Horizontal burning testing	ASTM-D635:2006	Pass

Remark: Pass=Meet Standard's Requirement
Fail= Below Standard's Requirement
* = No Specified Requirement.

Note: (1) General Terms & Conditions as mentioned overleaf,(2)The results relate only to the items tested,(3)The test report shall not be reproduced except in full without the written approval of the laboratory. (4) Samples are tested as received.

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ORIGINAL

Test Results

1. ASTM D635:2006 Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position

1.1 Sample details

Size of the samples	125mm*13mm*10mm
Number of the samples	3

Pre-conditioning	10 pieces	Temp : 23±2 ℃	48 h
		Humidity: 50±5 %	

1.2 Test Result

	Flame reach the 25mm mark line or not	Flame reach the 100mm mark line or not	T	L	V
1	NO	NO	-- *	-- *	-- *
2	NO	NO	-- *	-- *	-- *
3	NO	NO	-- *	-- *	-- *
4	NO	NO	-- *	-- *	-- *
5	NO	NO	-- *	-- *	-- *
6	NO	NO	-- *	-- *	-- *
7	NO	NO	-- *	-- *	-- *
8	NO	NO	-- *	-- *	-- *
9	NO	NO	-- *	-- *	-- *
10	NO	NO	-- *	-- *	-- *

Remark:

T – The time,
L – The burned length,
V- The linear burning Rate V(mm/min): V=60L/t
* - The flame front does not pass the 25 mm reference mark.

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Requirement:

The behavior of specimens shall be classified HB (HB = horizontal burning) if,

1) There are no visible signs of combustion after the ignition source is removed, or

2) The flame front does not pass the 25 mm reference mark, or

3) The flame front passes the 25 mm reference mark but does not reach the 100 mm reference mark, or

4) The flame front reaches the 100 mm reference mark and the linear burning rate does not exceed 40 mm/min fo specimens having a thickness between 3 and 13 mm or 75 mm/min for specimens having a thickness less than 3 mm.

Comment: The submitted sample was classified HB

Changzhou Jinbiao RailwayTransportation Technical Service Co.,Ltd. Fire Testing Lab

Drafted by: Approved by:

Wayne wang

Fire Testing Lab

Hui Shen

Fire Testing Lab

-End of Report

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