

1. Customer / Tên khách hàng : **LE TRAN CO., LTD/ CÔNG TY TNHH XDTM DV LÊ TRẦN**
 25 Tran Binh Trong Street, Ward 1, Dist 5, HCMC
2. Name of sample / Tên mẫu : **Metal ceiling suspension systems/ Hệ khung trần kim loại**
3. Trading name / Tên thương mại : **Macro TEK S350**
4. Description / Mô tả mẫu : **2 manner bar/ thanh chính: 0.37 x 14 x 35 x 1200 mm**
4 cross runner/ thanh phụ : 0.37 x 14 x 35 x 1200 mm
5. Quantity / Số lượng mẫu : **1 sample/ mẫu**
6. Date of receiving / Ngày nhận mẫu : **April 22, 2013**
7. Day of testing / Ngày thử nghiệm : **May 07, 2013**
8. Test method / Phương pháp thử : **ASTM C 635/C635M - 2007**
9. Test result / Kết quả thử nghiệm : **See the next page(s) / Xem trang tiếp theo**

Note :

(a) The test was accredited ISO 17025:2005 by VILAS/Chỉ tiêu được công nhận ISO 17025:2005 bởi VILAS
 ILAC : International Laboratory Accreditation / Tổ chức hợp tác công nhận Phòng thử nghiệm quốc tế
 MRA : Mutual Recognition Arrangement / Thỏa ước thừa nhận lẫn nhau
 ILAC-MRA-VILAS : VILAS is The full member and signatory of Multial Recognition Arrangement with International Laboratory Accreditation / VILAS là Thành viên đầy đủ và ký thỏa ước thừa nhận lẫn nhau với tổ chức công nhận phòng thử nghiệm quốc tế,

Signed for and on behalf of
SGS Vietnam LTD

Nguyen Duong Minh Duc
 Construction Lab Manager
 Industrial Services

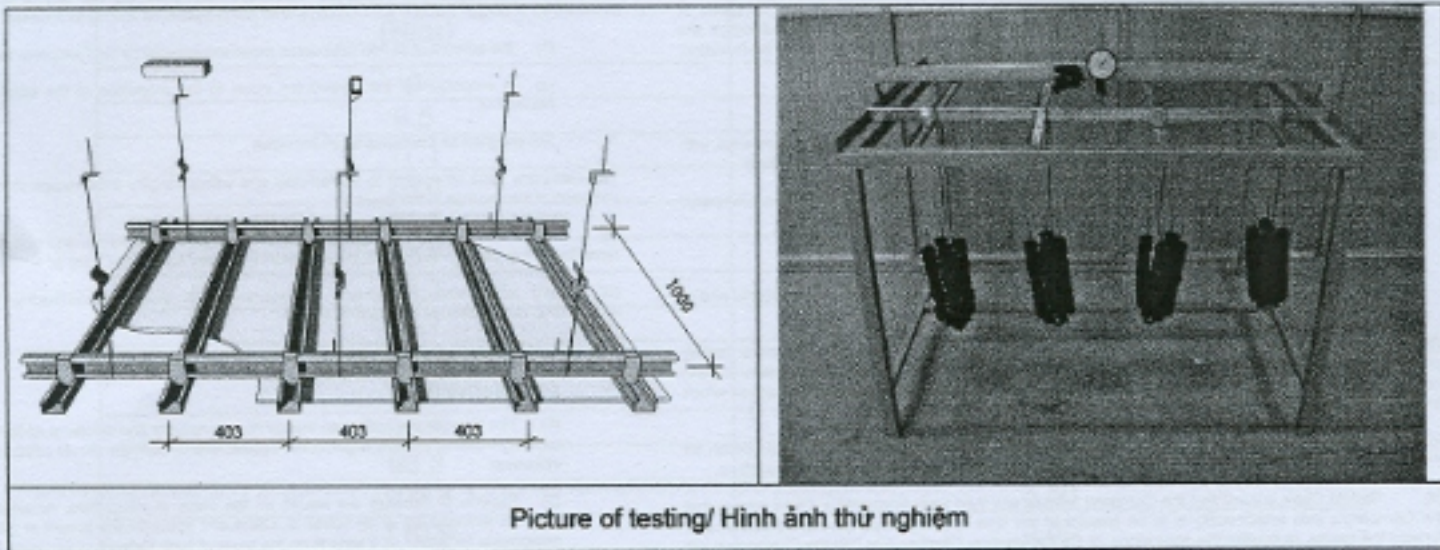
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A. Loading test / Thử tải

Figure of testing / Hình ảnh thử nghiệm:



Picture of testing/ Hình ảnh thử nghiệm

- Load increment and performing load test as below table / Tiến hành thử tải và gia tăng tải theo sơ đồ dưới đây
- Deflection of furring bar was measured by dial indicator at centre of main runner / Chuyển vị của khung tại vị trí giữa thanh chính được đo bằng đồng hồ so.
- Uniformly distributed load of centre of main runner at 3.33 mm (mean L/360 deflection)/ Tải phân bố đều ứng với chuyển vị tại điểm giữa thanh 3.33 mm (tương ứng L/360)

B. Results / Kết quả :

Name of sample Tên mẫu	Deflection/ Độ võng L/360 (mm)	Requirement / Yêu cầu (N/m)		Result Kết quả (N/m)	Remark Nhận xét
		Light-Duty Systems Tải nhẹ	Intermediate- Duty Systems Tải trung bình		
Macro TEK S350	3.33	68.0	98.0	96.5	Conform / Đạt yêu cầu

Conclusion/ Kết luận:

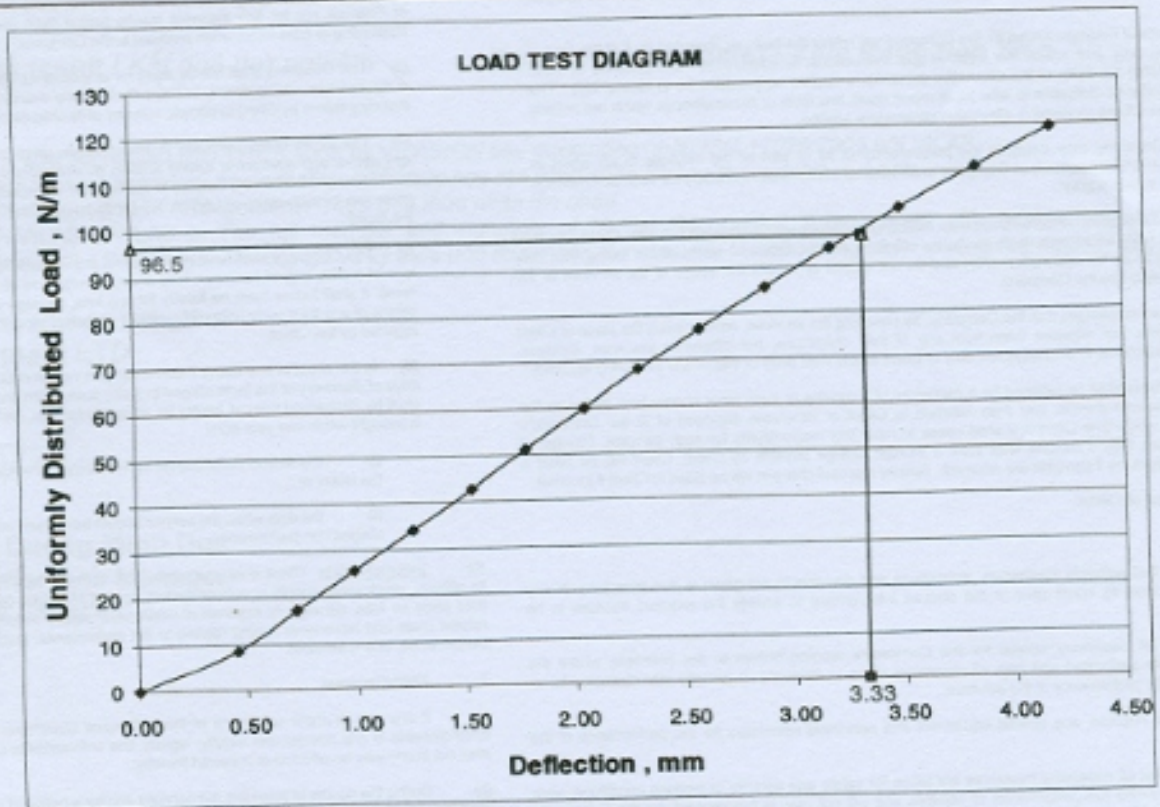
This manner bar of metal ceiling suspension systems has load-carrying capacity conform to any class of ASTM C 635/C635M – 2007

Thanh chính của hệ khung trần kim loại có khả năng chịu tải phù hợp với mức chịu tải theo tiêu chuẩn ASTM C635/C635M – 2007

*** TO BE CONTINUED ***

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Uniform load / Lực phân bố đều (N/m)	Deflection at mid point / Độ lệch ở điểm giữa (mm)
0	0.00
8.5	0.45
17.1	0.72
25.6	0.99
34.1	1.26
42.7	1.53
51.2	1.78
59.7	2.05
68.2	2.30
76.8	2.58
85.3	2.88
93.8	3.18
102.4	3.50
110.9	3.85
119.4	4.19



*** END OF THE REPORT ***

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