



Thai-German Institute
สถาบันไทย-เยอรมัน

สถาบันไทย - เยอรมัน 700/1 หมู่ที่ 1 นิคมอุตสาหกรรมอมตะนคร ถนนบางนา-ตราด กม. 57 ตำบลคลองตำหรุ อำเภอเมืองจังหวัดชลบุรี 20000
Thai-German Institute 700/1 Moo.1 Amatanakron Industrial Estate Bangna-Trad KM.57 Tambol Klong Tamru Amphur Muang Chonburi 20000
Tel. 038-215033-44 Fax. 038743705 http://www.tgi.or.th

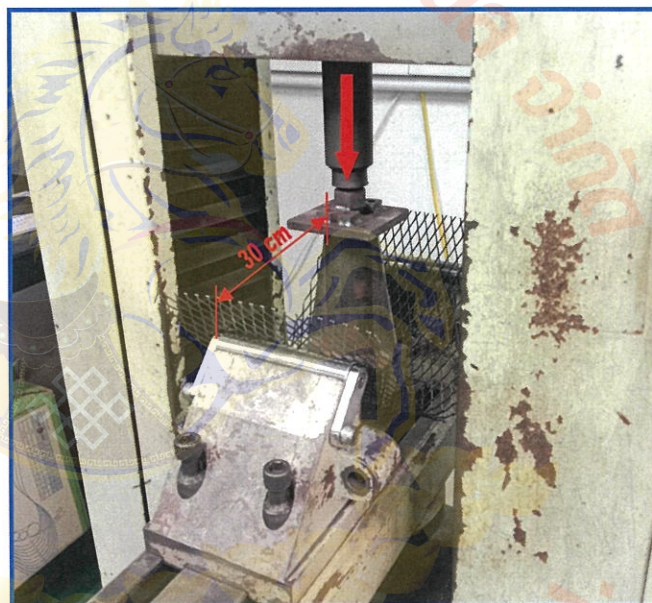
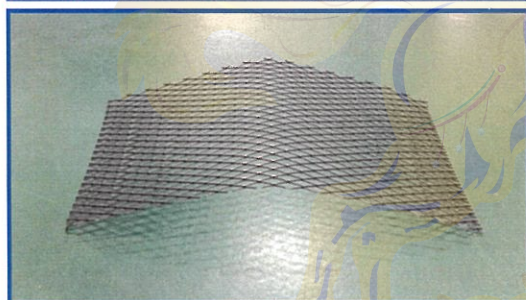
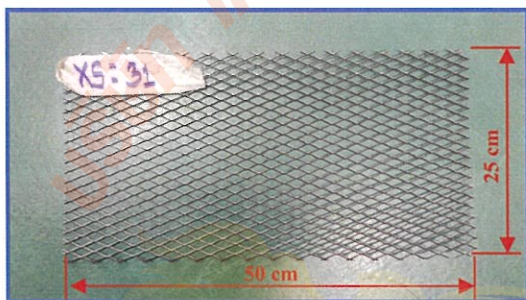
TEST REPORT

Received No. : 67-01-027
Report No.: TGI-BT-001
Rev.: 01

Customer's company name : K.O.H. International Co., Ltd.

Address: 45 Moo 1, Bo Ngoen Subdistrict, Lat Lum Kaeo District, Pathum Thani Province 12140

Part Name :	ตะแกรงเหล็กฉีก 50x100 Cm. (XS31) T 1.20 mm.	Material Characterization:	-
GR/Lot/Heat No:	GR23120156	Standard of Test:	3 Points Bending Test
Part No:	T67001	Equipment / Serial No.:	Universal Testing Machine
Material Specification:	-	Equipment's Capacity:	Tension Force 10 Tons
Dimension:	-	Ambient Temp:	23.2 °C, 50 % RH
Received Date:	09 / Feb. / 2024		
Tested Date:	09 / Feb. / 2024		



Result of Bend test

Specimen No.	Distance between support (mm.)	Max Load (N)	Max Load (kgf)	Deflection (mm)
BT-001	300.0	168.605	17.187	58.61

Remark; This document has been modified in part name text box and replaced the report 67-01-027 TGI-BT-001 Rev.00

Operated by: Sunapit Reviewed by: Mr.Kriangkrai Kaewko Approved by: Mr.Weerasak Thaotho
Testing Operator Technical Manager Quality Manager
Technical Team (13 / May. / 2024)
(13 / May. / 2024)

Commentary:

- Our division and institute not allow to change, add or subtract anywhere on this report, except only in case of already accepted by writing from our division.
- Our division can not confess to any direct or indirect damage that will occur after this by using data, analysis results, results or conclusion in this report to design, produce or others.
- Experiment results are exactly true especially only on specimen that was carried to test.
- "Test marked * in this report are not included in the TISI Accreditation Schedule for our Laboratory"



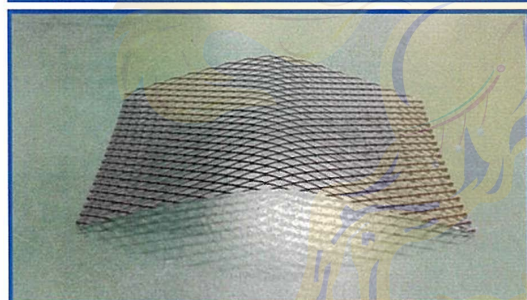
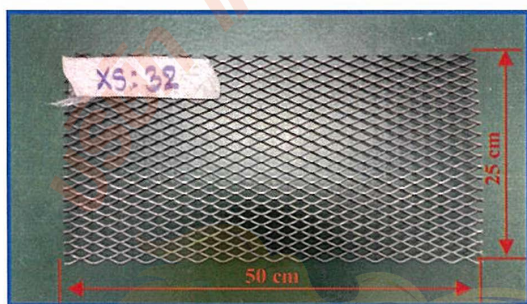
TEST REPORT

Received No.: 67-01-027
Report No.: TGI-BT-002
Rev.: 01

Customer's company name : K.O.H. International Co., Ltd.

Address: 45 Moo 1, Bo Ngoen Subdistrict, Lat Lum Kaeo District, Pathum Thani Province 12140

Part Name :	ตะแกรงเหล็กฉีก 50x100 cm. (XS32) T 1.60 mm.	Material Characterization:	-
GR/Lot/Heat No:	GR23120022	Standard of Test:	3 Points Bending Test
Part No:	T67001	Equipment / Serial No.:	Universal Testing Machine
Material Specification:	-	Equipment's Capacity:	Tension Force 10 Tons
Dimension:	-	Ambient Temp:	23.2 °C, 50 % RH
Received Date:	09 / Feb. / 2024		
Tested Date:	09 / Feb. / 2024		



Result of Bend test

Specimen No.	Distance between support (mm.)	Max Load (N)	Max Load (kgf)	Deflection (mm)
BT-001	300.0	299.595	30.539	56.16

Remark; This document has been modified in part name text box and replaced the report 67-01-027 TGI-BT-002 Rev.00

Operated by: Surapit
Testing Operator
Technical Team
(13 / May. / 2024)

Reviewed by: Mr.Kriangkrai Kaewko
Technical Manager
(13 / May. / 2024)

Approved by: Mr.Weerasak Thaotho
Quality Manager
(13 / May. / 2024)

Commentary:

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TEST REPORT

Received No. : 67-01-027

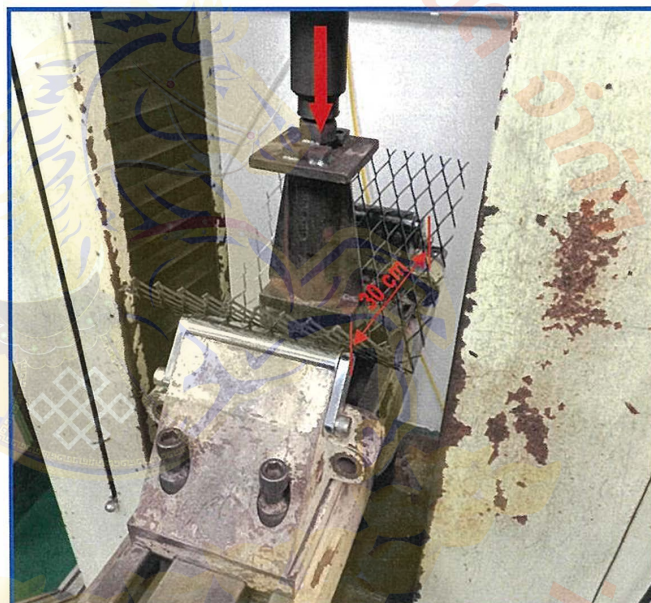
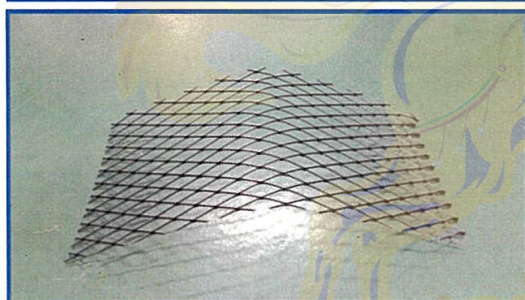
Report No.:TGI-BT-003

Rev.: 01

Customer's company name : **K.O.H. International Co., Ltd.**

Address: **45 Moo 1, Bo Ngoen Subdistrict, Lat Lum Kaeo District, Pathum Thani Province 12140**

Part Name :	ตะแกรงเหล็กฉีก 50x100 cm. (XS41) T 1.60 mm.	Material Characterization:	-
GR/Lot/Heat No:	GR23120156	Standard of Test:	3 Points Bending Test
Part No:	T67001	Equipment / Serial No.:	Universal Testing Machine
Material Specification:	-	Equipment's Capacity:	Tension Force 10 Tons
Dimension:	-	Ambient Temp:	23.2 °C, 50 % RH
Received Date:	09 / Feb. / 2024		
Tested Date:	09 / Feb. / 2024		



Result of Bend test

Specimen No.	Distance between support (mm.)	Max Load (N)	Max Load (kgf)	Deflection (mm)
BT-001	300.0	245.164	24.991	74.99

Remark; This document has been modified in part name text box and replaced the report 67-01-027 TGI-BT-003 Rev.00



Operated by: Sunapit
Testing Operator
Technical Team
(13 / May. / 2024)

Reviewed by: วชิร
Mr.Kriangkrai Kaewko
Technical Manager
(13 / May. / 2024)

Approved by: เจมส์
Mr.Weerasak Thaotho
Quality Manager
(13 / May. / 2024)

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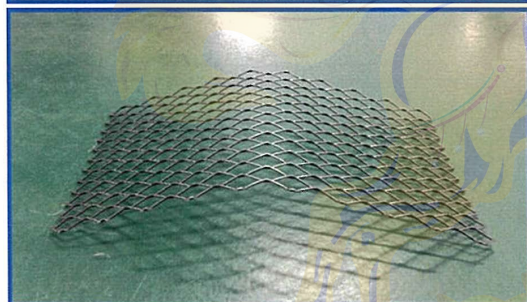
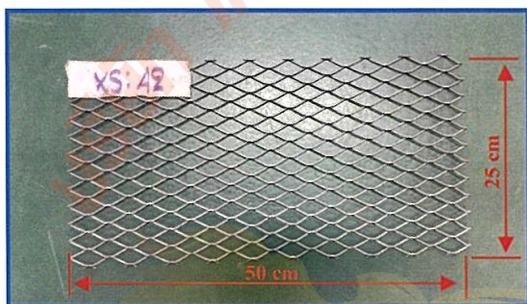
TEST REPORT

Received No. : 67-01-027
Report No.: TGI-BT-004
Rev.: 01

Customer's company name : **K.O.H. International Co., Ltd.**

Address: **45 Moo 1, Bo Ngoen Subdistrict, Lat Lum Kaeo District, Pathum Thani Province 12140**

Part Name :	ตะแกรงเหล็กฉีก 50x100 cm. (XS42) T 2.30 mm.	Material Characterization:	-
GR/Lot/Heat No:	GR23120022	Standard of Test:	3 Points Bending Test
Part No:	T67001	Equipment / Serial No.:	Universal Testing Machine
Material Specification:	-	Equipment's Capacity:	Tension Force 10 Tons
Dimension:	-	Ambient Temp:	23.2 °C, 50 % RH
Received Date:	09 / Feb. / 2024		
Tested Date:	09 / Feb. / 2024		



Result of Bend test

Specimen No.	Distance between support (mm.)	Max Load (N)	Max Load (kgf)	Deflection (mm)
BT-001	300.0	332.785	33.923	61.05

Remark; This document has been modified in part name text box and replaced the report 67-01-027 TGI-BT-004 Rev.00



Operated by: Sunpit
Testing Operator
Technical Team
(13 / May. / 2024)

Reviewed by: วชิรา
Mr.Kriangkrai Kaewko
Technical Manager
(13 / May. / 2024)

Approved by: วชิรา
Mr.Weerasak Thaotho
Quality Manager
(13 / May. / 2024)

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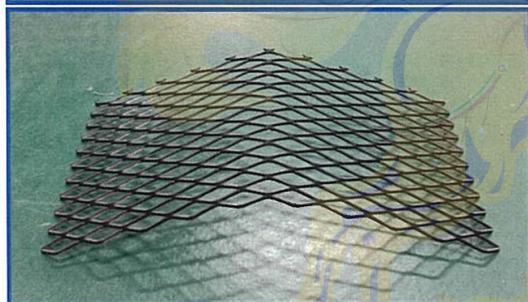
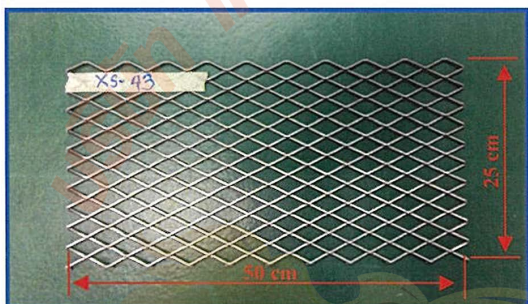
TEST REPORT

Received No. : 67-01-027
Report No.:TGI-BT-005
Rev.: 01

Customer's company name : **K.O.H. International Co., Ltd.**

Address: **45 Moo 1, Bo Ngoen Subdistrict, Lat Lum Kaeo District, Pathum Thani Province 12140**

Part Name :	ตะแกรงเหล็กฉีก 50x100 cm. (XS43) T 3.20 mm.	Material Characterization:	-
GR/Lot/Heat No:	GR23120156	Standard of Test:	3 Points Bending Test
Part No:	T67001	Equipment / Serial No.:	Universal Testing Machine
Material Specification:	-	Equipment's Capacity:	Tension Force 10 Tons
Dimension:	-	Ambient Temp:	23.2 °C, 50 % RH
Received Date:	09 / Feb. / 2024		
Tested Date:	09 / Feb. / 2024		



Result of Bend test

Specimen No.	Distance between support (mm.)	Max Load (N)	Max Load (kgf)	Deflection (mm)
BT-001	300.0	970.477	98.927	58.86

Remark; This document has been modified in part name text box and replaced the report 67-01-027 TGI-BT-005 Rev.00

Operated by: Sunapit Reviewed by: Mr.Kriangkrai Kaewko Approved by: Mr.Weerasak Thaotho
Testing Operator Mr.Kriangkrai Kaewko Mr.Weerasak Thaotho
Technical Team Technical Manager Quality Manager
(13 / May. / 2024) (13 / May. / 2024) (13 / May. / 2024)

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