



Materials, Structures and Geotechnical Testing

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TEST REPORT

ISSUED BY : KUALA LUMPUR OFFICE
DATE : 19-Jul-2024

REPORT NO. : STEEL 178/24/R 0472
PAGE NO. : 1 OF 2

1. Test Requested : Weld Shear Strength Test Of Lattice Girder
2. Customer : **BRICK DOTCOM (JOHOR) SDN BHD**
No. 59-33 (3rd Floor),
Jalan Kg. Pandan,
55100 Kuala Lumpur
3. Project : Lattice Girders - Segamat Plant
4. Date of Testing : 18-Jul-2024
5. Category of Testing : Laboratory Testing
6. Method of Testing : MS EN 10080 : 2005, Annex B
7. Equipment Used : - E11/01 (1194) - Traceable to GT Instruments
8. Remarks :
 - a. The above test is solely based on sample submitted by customer.
 - b. No copy of this report is valid without original special red stamp.

The accuracy of test measurements are probability at 95% confidence level.

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Lab. Ref. : C548/24

REPORT NO. : STEEL 178/24/R 0472

PAGE NO. : 2 OF 2

WELD SHEAR STRENGTH TEST OF LATTICE GIRDER

Customer : BRICK DOTCOM (JOHOR) SDN BHD

Project : Lattice Girders - Segamat Plant

Sample Description : **Lattice Girder - One Weld Point**

Source : Segamat Plant

Date Tested : 18-Jul-2024

Test by : Ken, Surie

UTM Machine S/N : E11/01

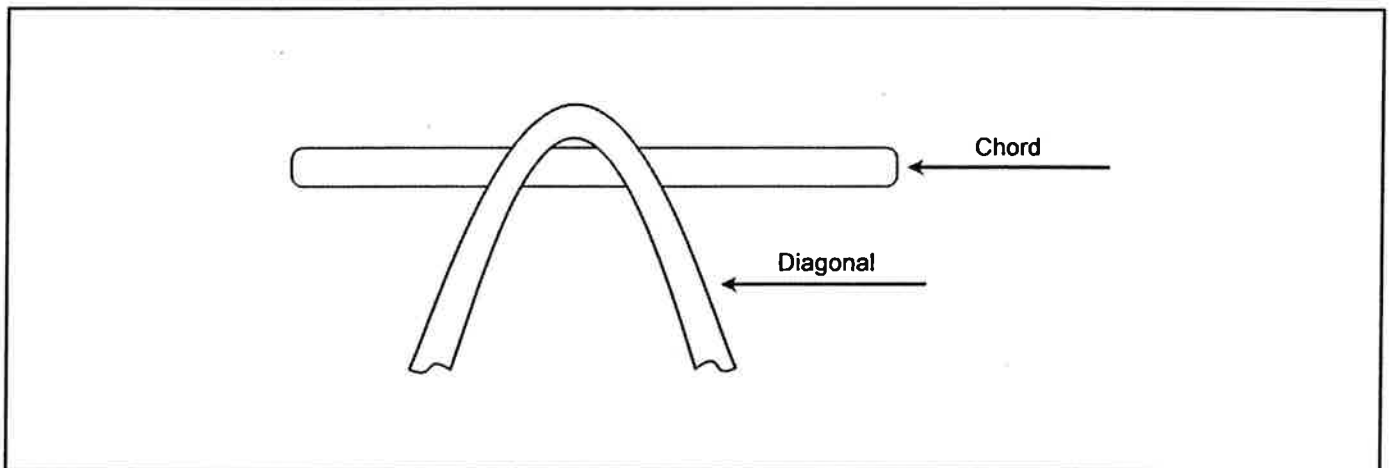
Test Environmental Condition :- Temperature, °C : 26.0

Relative Humidity (RH), % : 56.0

TEST METHOD : MS EN 10080 : 2005, Annex B

Specimen Reference	Weld Shear Strength (kN)
<u>Sample 1</u> Chord T10, Diagonal T6	24.2
<u>Sample 2</u> Chord T12, Diagonal T6	31.1

Sketch of Specimen :-



Approved By


Yap Seow Keong
Technical Manager



Prepared by : Nadzirah
Checked by : Carrie

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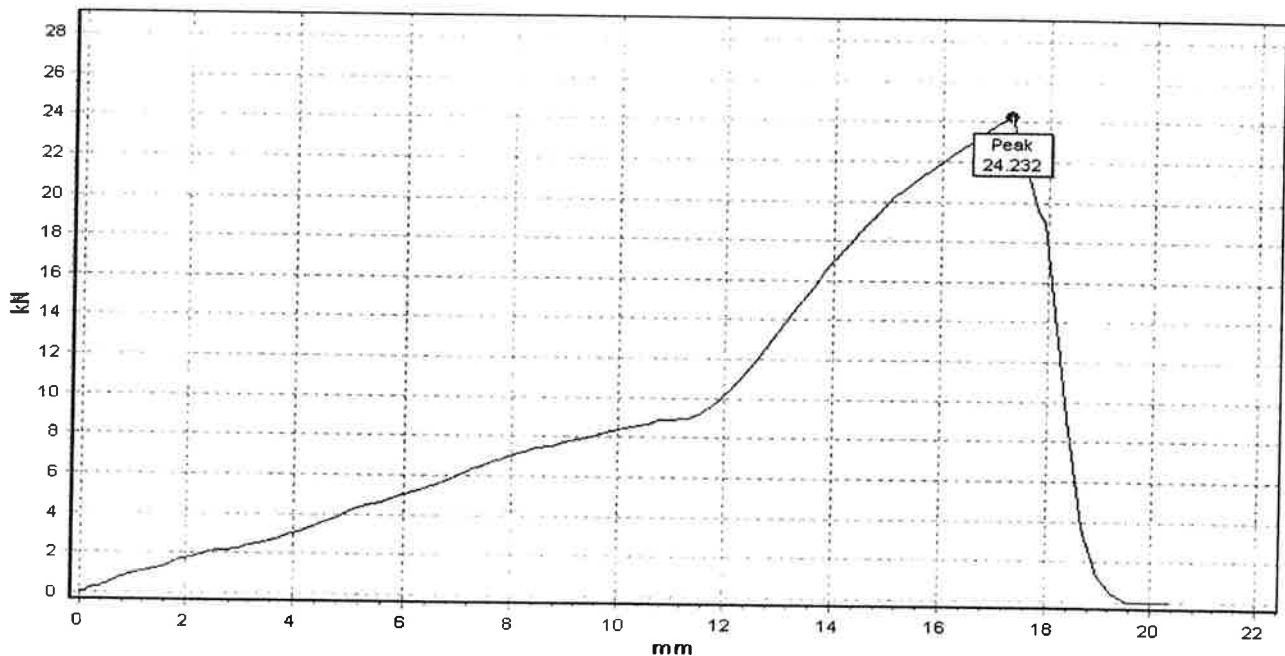
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Welding Load Test Report

CLIENT BDC CONCRETE SDN BHD
PROJECT Lattice Girders - Segamat Plant
SAMPLE Chord T10, Diagonal T6 (Sample 1)
SOURCE Segamat Plant
LAB REF C548/24
DATE TESTED 18-07-2024
TEST METHOD : MS EN 10080 : 2005, Annex B

MACHINE NO : 1194
TESTED BY : Ken & Surie

Specimen	Max. Load (KN)	Remarks
C548-24 T10-001	24.2	



Remarks :

Witness by :

(Name)

(Company)

(Date)

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(20736-H)

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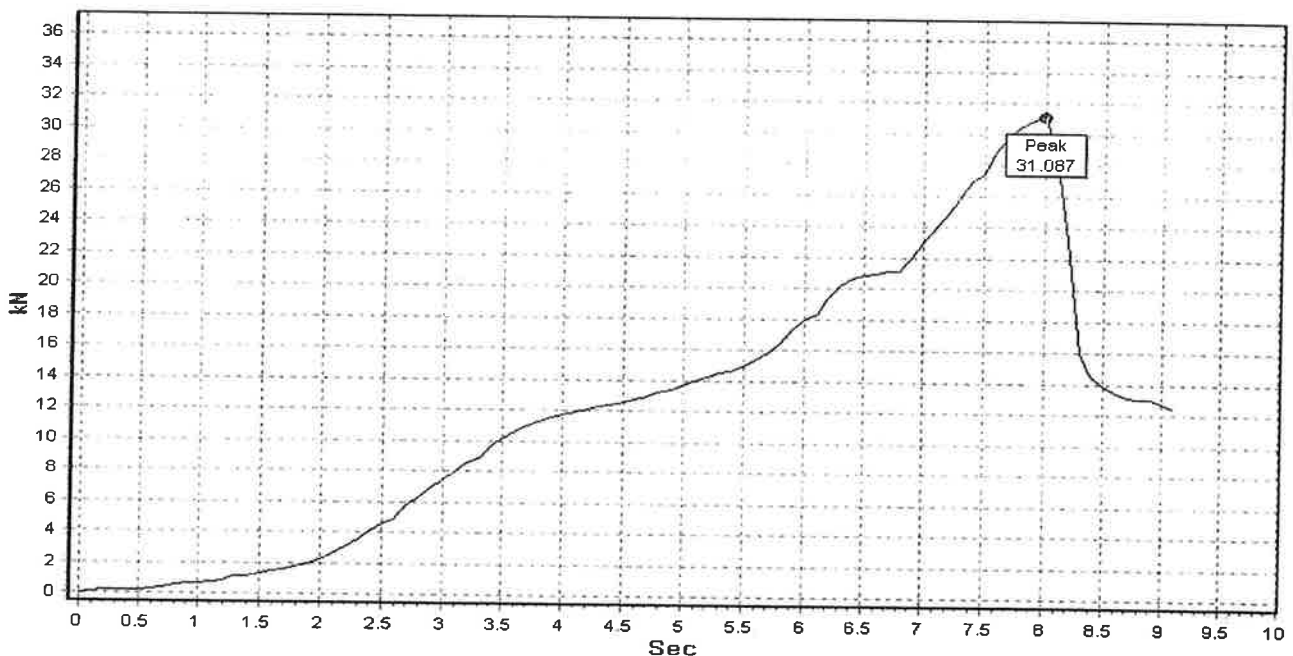
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Welding Load Test Report

CLIENT BDC CONCRETE SDN BHD
PROJECT Lattice Girders - Segamat Plant
SAMPLE Chord - T12, Diagonal - T6 (Sample 2)
SOURCE Segamat Plant
LAB REF C548/24
DATE TESTED 18-07-2024
TEST METHOD : MS EN 10080 : 2005, Annex B

MACHINE NO : 1194
TESTED BY : Ken & Surie

Specimen	Max. Load (KN)	Remarks
C548-24 T12-001	31.1	



Remarks :

Witness by :

(Name)

(Company)

(Date)