



MAEDA SEISAKUSHO CO., LTD.

1095 Onbegawa, Shinonoi, Nagano City
Nagano 388-8522, JAPON
TEL +81-(0) 26-292-2228
FAX +81-(0) 26-293-8499
<http://www.maesei.co.jp/english/index.html>



DECLARATION CE DE CONFORMITE DE MACHINE

Le Fabricant

Nom de société: Maeda Seisakusho Co., Ltd.
Adresse: 1095 Onbegawa, Shinonoi, Nagano City
Nagano, 388-8522 JAPON

Le Représentant européen

Nom de société: AB Kranlyft
Adresse: Fibervagen 1 435 33 Molnlycke SUEDE
Tél +46 31 80 70 00

Déclare par la présente que la machine décrite ci-dessous:

Produit: Mini-grue sur chenilles
Modèle: CC1485S-1 (puissance kW = 40.3)
Serial Number: 7523
Année de Construction: 2018

- Est en conformité avec les directives suivantes:

La directive machines 2006/42/EC
Les deux derniers chiffres de l'année dans laquelle le marquage CE était apposé sont 15

- Est en conformité avec les provisions suivantes

" Directive de basse tension 2006/95/EC "
" Directive CEM 2004/108/EC "
" Directive d'émissions sonores dans l'environnement des matériels destinés à être utilisés
à l'extérieur des bâtiments 2000/14/EC, modifiée par la Directive 2005/88/EC"
- Niveau de puissance acoustique mesuré = 92 dB LWA
- Niveau de puissance acoustique garanti = 101 dB LWA

Et déclare en outre que:

- Les (parties / clauses des) normes harmonisées suivantes ont été appliquées:

EN ISO12100-:2010	Sécurité des machines - Principes généraux de conception - Evaluation et réduction des risques
EN60204-1:2006	Sécurité des machines - Equipement électrique des machines - Partie 1: Exigences générales
EN13000:2010 (Reference)	Grues - Grues mobiles
EN61000-6-2:2005	Compatibilité électromagnétique (CEM) - Partie 6-2: Normes génériques - Immunité pour les environnements industriels
EN61000-6-4:2007	Compatibilité électromagnétique (CEM) - Partie 6-4: Normes génériques - Emission pour les environnements industriels
EN ISO3744:1995	Acoustique. Détermination de niveaux de puissance acoustique émis par les sources de bruit à partir de la pression acoustique. Méthode d'expertise dans des conditions approchant celles du champ libre sur plan réfléchissant

Place: Nagano, Japon

Date: 2 mars, 2018

Kazutaka Kitada

Directeur Général / Département machines industrielles
MAEDA SEISAKUSHO CO., LTD.



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1095 Shinonoi Onbegawa, Nagano City
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TO WHOM IT MAY CONCERN:

Certificate of Test and Inspection

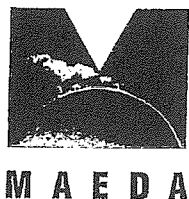
4 Fall and 2 Fall, 3 Sheave Hook Block
Manufacturer: MAEDA SEISAKUSHO CO., LTD.
Model for: CC1485S-1
Serial No. : 7523
Hook Block No. : 17923

We hereby certify that this hook block has been tested and inspected in accordance with the quality standard of our company and we guarantee the quality of this product.

Hook Block Ass'y:	Part No. 578-1257700
	Drawing No. 584-4587100
Specifications:	Refer to the attached document for details
Safe Working Load:	6000 kg
Sheave rope diameter:	10 mm
Actual value (Internal diameter):	85 mm
Date of Test and Inspection:	March 2, 2018

Signed on behalf of MAEDA SEISAKUSHO CO., LTD.:

Seiichi Yamaguchi
General manager / Quality Assurance Division
MAEDA SEISAKUSHO CO., LTD.



MAEDA SEISAKUSHO CO., LTD.

1095 Onbegawa Shinonoi, Nagano City

Nagano 388-8522, JAPAN

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CERTIFICATE FOR LOAD TEST

We herewith confirm that following model:

MC104CER	LC383M-5
MC174CRM	LC785M-8B
MC285CRM	MK1033CW-1
MC285CRME	MK1033CWH-1
MC285CGRM-2	MK1033CWE-1
MC285CRM-2	MK1033CWEH-1
MC285CRME-2	MC815CWM
MC305CRM-2	MC815CWME
MC305CRME-2	CC985S-1
MC405CRM	CC1485S-1
MC405CRME	

Have been test-lifted with 1.25 times the rated total load at our factory.

We also confirm that the group of classification of the mechanism as a whole is M3

and type of crane is A1 in accordance with ISO 4301-2 (JIS B 8822-1).

Place: Nagano, Japan
Date: 3, March, 2017

Kazutaka Kitada
Managing Director / Industrial machinery Division
MAEDA SEISAKUSHO CO., LTD.

Strength Calculation of 4 Falls Hook

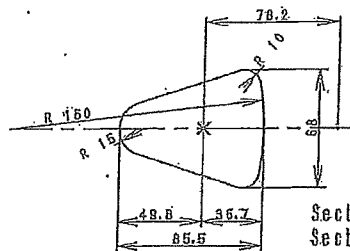
Revised NOV. 27. 2015
Established Feb. 12. 2009

Material and tensile strength of 4 Falls hook:

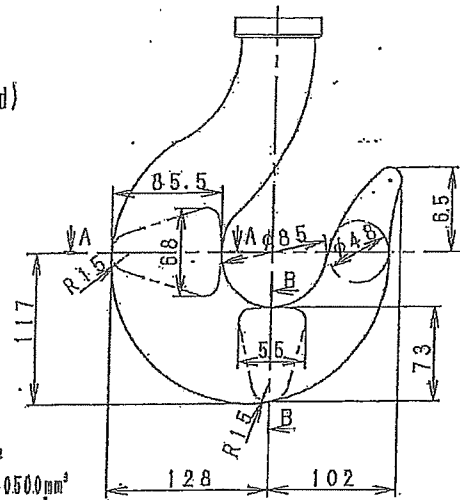
Material: S45C-H (Hardened and tempered)

Tensile strength: $\sigma_B = 686 \text{ N/mm}^2$

1. Strength calculation of cross section A-A:



Sectional area: $A = 3997 \text{ mm}^2$
Section modulus: $Z_{\text{tension}} = 40500 \text{ mm}^3$
Section modulus: $Z_{\text{tension}} = 56500 \text{ mm}^3$



Tensile stress σ_A of the section A-A is,

$$\sigma_A = (W \times R_A / Z_A + W / A_A) \times 9.80665$$

where, W is rated load

R_A is distance from load application line to centroid of section A-A

A_A is sectional area section A-A

Z_A is section modulus on tension side of section A-A

5910 kg

78.2 mm

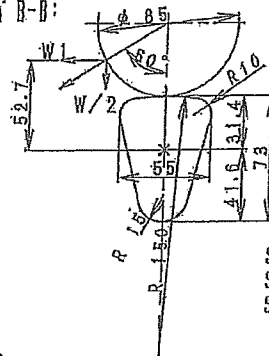
3997 mm²

56500 mm³

$$\sigma_A = (5910 \text{ kg} \times 78.2 \text{ mm} / 56500 \text{ mm}^3 + 5910 \text{ kg} / 3997 \text{ mm}^2) \times 9.80665 = 94.7 \text{ N/mm}^2$$

$$\text{Safety factor } S = \sigma_B / \sigma_A = 686 \text{ N/mm}^2 / 94.7 \text{ N/mm}^2 = 7.24 > 5$$

2. Strength calculation of cross section B-B:



Sectional area: $A = 2922 \text{ mm}^2$
Section modulus: $Z_{\text{tension}} = 28500 \text{ mm}^3$
Section modulus: $Z_{\text{tension}} = 35100 \text{ mm}^3$

Tensile stress σ_B of the section B-B is,

$$\sigma_B = (W_1 \times R_B / Z_B + W_1 / A_B) \times 9.80665$$

where, W_1 is Horizontal component due to rated load $(5910/2) \times \tan 60^\circ = 5118 \text{ kg}$

R_B is distance from load application line to centroid of section B-B 52.7 mm

A_B is sectional area section B-B 2922 mm²

Z_B is section modulus on tension side of section B-B 35100 mm³

35100 mm³

$$\sigma_B = (5118 \text{ kg} \times 52.7 \text{ mm} / 35100 \text{ mm}^3 + 5118 \text{ kg} / 2922 \text{ mm}^2) \times 9.80665 = 92.5 \text{ N/mm}^2$$

$$\text{Safety factor } S = \sigma_B / \sigma_A = 686 \text{ N/mm}^2 / 92.5 \text{ N/mm}^2 = 7.42 > 5$$

In either case, safety factor is greater than 5.

MODEL: LC785M-6, LC785M-8, LC1385M-8, CC1485S-1



MAEDA SEISAKUSYO CO., LTD.

Drawing No. 584-4587100



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan

新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : March 15, 2017

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

適用規格 [Specification] : JIS G 3525

部品番号 [Type] : S553-P081400

数量 [Quantity] 5

機種名 [Model] : CC1485S-1

注文番号 [Order No.] : XX481230

ロット番号 [Lot No.] : B456

ロープ構成 [Construction] : IWRC6xFi(29) Ungalv.

ロープ撚り [Lay] : Right Hand (Z) Ordinary Lay

公称ロープ径 [Norminal Dia.] : 10.0mm

実際ロープ径 [Actual Dia.] : 10.22mm

ロープ長さ [Length] : 115 m

製品番号 [Product No.] : 17F4108

種別 [Grade] : S

規格破断荷重 [Specified Breaking Load] : 72.9 kN

実際破断荷重 [Actual Breaking Load] : 79.8 kN

外観 [Appearance] : Good

素線試験 [Wire Test] : Good

We hereby promise that the steel wire rope herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のワイヤロープは、規格通りに検査に合格していることを証明致します。

Manager

 NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan

 新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : February 22, 2017

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032600

数 量 [Quantity] : 9

機 種 名 [Model] : CC1485S

用 途 [Location] : Boom Contraction

注 文 番 号 [Order No.] : XX468874

ワイヤ ロープ [Steel Wire Rope Product No.] : 16C4286

ロープ 構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ 撚 り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 24300 N

ロープ 径 [Norminal Dia.] : 6.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 14260 ±15 mm

端 末 加 工 [Ends of Description] : B446

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 24300 N

破断試験結果 [Load at Breaking Test] : 33800 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。



Manager



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan

新潟県新潟市東区中木戸 56 番地

新潟製鋼株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : February 22, 2017

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032700

数 量 [Quantity] : 9

機 種 名 [Model] : CC1485S

用 途 [Location] : Boom Contraction

注 文 番 号 [Order No.] : XX468875

ワイヤロープ [Steel Wire Rope Product No.] : 16F0725

ロープ 構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ 撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 43300 N

ロープ 径 [Norminal Dia.] : 8.0mm

部 品 寸 法 [Dimemsions of Description]

全 長 [Length] : 14850 ±15 mm

端 末 加 工 [Ends of Description Lot No.] : B446

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 43300 N

破断試験結果 [Load at Breaking Test] : 53600 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。

Manager



NIIGATA SEIKO CO., LTD.

NO.56, Nakakido, Higashi-ku, Niigata-shi, Niigata-ken 950-0886, Japan

新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : February 22, 2017

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032800

数 量 [Quantity] : 9

機 種 名 [Model] : CC1485S

用 途 [Location] : Boom Extension

注 文 番 号 [Order No.] : XX468876

ワイヤロープ [Steel Wire Rope Product No.] : 16E4763

ロープ 構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ 撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 67700 N

ロープ 径 [Norminal Dia.] : 10.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 8450 ±10 mm

端 末 加 工 [Ends of Description Lot No.] : B446

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 67700 N

破断試験結果 [Load at Breaking Test] : 87300 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。



Manager



NIIGATA SEIKO CO., LTD.

NO.56,Nakakido, Higashi-ku,Niigata-shi,Niigata-ken 950-0886,Japan

新潟県新潟市東区中木戸 56 番地

新潟製綱株式会社

検査証明書 [CERTIFICATE OF INSPECTION]

日付 [Date] : February 22, 2017

顧客名 [To Messrs.] MAEDA SEISAKUSHO CO., LTD.

部 品 名 称 [Description] : Steel Wire Rope with Joint Clamp

部 品 番 号 [Type] : S551-3032900

数 量 [Quantity] : 9

機 種 名 [Model] : CC1485S

用 途 [Location] : Boom Extension

注 文 番 号 [Order No.] : XX468877

ワイヤロープ [Steel Wire Rope Product No.] : 16E4764

ロープ 構成 [Construction] : IWRC 6xFi(29) Ungalv.

ロープ 撚り [Lay] : Right Hand (Z) Ordinary Lay

規格破断荷重 [Minimum Breaking Load] : 144000 N

ロープ 径 [Norminal Dia.] : 14.0mm

部 品 寸 法 [Dimemnsions of Description]

全 長 [Length] : 8550 ±10 mm

端 末 加 工 [Ends of Description Lot No.] : B446

端末金具材質 [Materials] : SCM415

加 工 方 法 [Kind of Proccessing] : Swaging

保証締結荷重 [Minimum Proof Load] : 144000 N

破断試験結果 [Load at Breaking Test] : 162000 N

We hereby promise that the steel wire rope with joint clamp herein has been satisfactorily tested and inspected in accordance with the requirements of the above specification.

上記のジョイントクランプ加工品は、規格通りに検査に合格していることを証明致します。

Manager

Certificate number NB485E



CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE

Name and address of owner of crane:	Kranlyft-group , Fibervagen 1, 435 33 Molnlycke , Sweden
Name and address of maker of crane:	Maeda Seisakusho Co., Ltd.
Type of crane and nature of power.	Hydraulic tracked diesel engined telescopic crawler crane, Model CC1485S-1
Date of manufacture of crane.	2018
IDENTIFICATION NUMBER:	(a)Maker's serial number: 7523 (b)Owner's distinguishing Mark or number (if any): not registered
Make and type of automatic safe load Make and type of derricking interlock , if required:	Maeda Seisakusho Co., Ltd. N/A
Date of last previous test of crane:	New machine
Date of last previous thorough examination of crane:	New machine
Safe working load or loads:	See attached sheets 1 to 5
In the case of a crane with a derricking jib or jibs the max. radius at which the jib or jibs may be worked (in feet):	See attached sheets 1 to 5
Defects noted and alterations or repairs required before crane is put into service:	None. None.

I hereby certify that the crane described in this certificate was tested and thoroughly examined on 2/mar/2018 and that the above particulars are correct.

Signature: 菊池 Kikuchi Qualification Engineer

Name and address of person , company or association by whom the person conducting the test and examination is employed. Maeda Seisakusho Co., Ltd.
1095 Onbegawa , Shinonoi ,
Nagano city , Nagano prefecture
388-8522 , Japan

Date of certificate: 2/mar/2018

For notes see overleaf.

SERIAL NO: 7523

MAEDA CC1485S-1

CERTIFICATE No.NB485E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 1	
* Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	4.745 m boom	2.00		NIL	6000
variable operating radius (including	1boom	2.50		NIL	6000
a crane with a derricking jib or with		2.60		NIL	6000
interchangeable jibs of different		3.00		NIL	5250
lengths) the safe working load at		3.23		5980	4766
various radii of the jib , jibs,		3.50		NIL	4450
or crab must be given. Test loads at		4.00		NIL	3830
various radii should be given in		4.50		NIL	3320
column (IV) and in the case of a		4.58		NIL	3250
safe working load which has been					
calculated without the application of					
a test load "NIL" should be entered					
in that column .					
*In the case of a crane with a					
derricking jib or jibs the maximum					
radius at which the jib or jibs may					
be worked is : 4.58m					
*We herewith confirm that we test lift all our manufactured cranes individually with 1.25 times the rated load before delivering .					
*We also confirm that the group of classification of the mechanism as a whole is M3 (for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
*I hereby certify that the crane described in this certificate was tested and thoroughly examined on 27/Mar/18 and that the above particulars are correct .					

MAEDA SEISAKUSHO CO., LTD.

TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768

DATE OF CERTIFICATE : 2/Mar/18 SIGNATURE

菊地

Kikuchi, ENGINEER

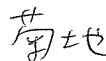
SERIAL NO: 7523

MAEDA CC1485S-1

CERTIFICATE No.NB485E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 2	
• Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	7.625 m boom	2.00		NIL	6000
variable operating radius (including	1+2 boom	2.50		NIL	6000
a crane with a derricking jib or with		2.60		NIL	6000
interchangeable jibs of different		3.00		NIL	5260
lengths) the safe working load at		3.50		NIL	4460
various radii of the jib , jibs,		4.00		NIL	3820
or crab must be given. Test loads at		4.50		NIL	3310
various radii should be given in		5.00		NIL	2880
column (IV) and in the case of a		5.50		NIL	2520
safe working load which has been		6.00		NIL	2210
calculated without the application of		6.50		NIL	1950
a test load "NIL" should be entered		7.00		NIL	1720
in that column .		7.10		2000	1672
		7.46		NIL	1530
• In the case of a crane with a					
derricking jib or jibs the maximum					
radius at which the jib or jibs may					
be worked is : 7.46m					
• We herewith confirm that we test lift all our manufactured cranes individually with					
1.25 times the rated load before delivering .					
• We also confirm that the group of classification of the mechanism as a whole is M3					
(for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
• I hereby certify that the crane described in this certificate was tested and thoroughly					
examined on 27/Mar/18 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD.					
TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 27/Mar/18 SIGNATURE



Kikuchi, ENGINEER

MAEDA CC1485S-1

CERTIFICATE No.NB485E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 3	
* Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a variable operating radius (including a crane with a derricking jib or with interchangeable jibs of different lengths)the safe working load at various radii of the jib , jibs,	10.505 m boom	2.00		NIL	3000
or crab must be given. Test loads at various radii should be given in column (IV) and in the case of a safe working load which has been calculated without the application of a test load “NIL” should be entered in that column .	1+2+3 boom	2.50		NIL	3000
		3.00		NIL	3000
		3.50		NIL	3000
		4.00		NIL	3000
		4.50		NIL	3000
		5.00		NIL	2710
		5.50		NIL	2400
		6.00		NIL	2140
		6.50		NIL	1920
		7.00		NIL	1720
		7.14		2000	1672
		7.50		NIL	1550
		8.00		NIL	1400
*In the case of a crane with a derricking jib or jibs the maximum radius at which the jib or jibs may be worked is : 10.34m		8.50		NIL	1270
		9.00		NIL	1150
		10.00		NIL	940
		10.34		NIL	880
We herewith confirm that we test lift all our manufactured cranes individually with 1.25 times the rated load before delivering .					
We also confirm that the group of classification of the mechanism as a whole is M3 (for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
I hereby certify that the crane described in this certificate was tested and thoroughly examined on >/Mar/'18 and that the above particulars are correct .					
MAEDA SEISKUSHO CO., LTD.					
TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 2/Mar/18 SIGNATURE 蔺工也

Kikuchi, ENGINEER

SERIAL NO: 7523

MAEDA CC1485S-1

CERTIFICATE No.NB485E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE					PAGE 4
* Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	13.385 m boom	2.50		NIL	3000
variable operating radius (including	1+2+3+4 boom	3.00		NIL	3000
a crane with a derricking jib or with		3.50		NIL	3000
interchangeable jibs of different		4.00		NIL	3000
lengths) the safe working load at		4.50		NIL	3000
various radii of the jib , jibs,		5.00		NIL	2640
or crab must be given. Test loads at		5.50		NIL	2340
various radii should be given in		6.00		NIL	2100
column (IV) and in the case of a		6.50		NIL	1890
safe working load which has been		7.00		NIL	1710
calculated without the application of		7.13		2000	1672
a test load "NIL" should be entered		7.50		NIL	1560
in that column .		8.00		NIL	1430
		8.50		NIL	1310
*In the case of a crane with a		9.00		NIL	1200
derricking jib or jibs the maximum		10.00		NIL	1020
radius at which the jib or jibs may		11.00		NIL	880
be worked is : 13.22m		12.00		NIL	750
		13.00		NIL	650
		13.22		NIL	630
*We herewith confirm that we test lift all our manufactured cranes individually with 1.25 times the rated load before delivering . *We also confirm that the group of classification of the mechanism as a whole is M3 (for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2). *I hereby certify that the crane described in this certificate was tested and thoroughly examined on 27/mar/18 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD. TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 27/mar/18 SIGNATURE

南地

Kikuchi, ENGINEER

SERIAL NO: 7523

MAEDA CC1485S-1

CERTIFICATE No.NB485E

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF CRANE				PAGE 5	
• Safe working load or loads.	LENGTH OF JIB (METRES)	RADIUS (METRES)	ANGLE °	TEST LOAD KG	SAFE WORKING LOAD KG
In the case of a crane with a	16.265 m boom	3.00		NIL	2600
variable operating radius (including	1+2+3+4+5 boom	3.50		NIL	2600
a crane with a derricking jib or with		4.00		NIL	2600
interchangeable jibs of different		4.50		NIL	2600
lengths) the safe working load at		5.00		NIL	2600
various radii of the jib , jibs,		5.50		NIL	2320
or crab must be given. Test loads at		6.00		NIL	2080
various radii should be given in		6.50		NIL	1880
column (IV) and in the case of a		7.00		NIL	1710
safe working load which has been		7.13		2000	1672
calculated without the application of		7.50		NIL	1560
a test load "NIL" should be entered		8.00		NIL	1430
in that column .		8.50		NIL	1320
		9.00		NIL	1210
• In the case of a crane with a		10.00		NIL	1040
derricking jib or jibs the maximum		11.00		NIL	890
radius at which the jib or jibs may		12.00		NIL	770
be worked is : 16.10m		13.00		NIL	670
		14.00		NIL	580
		15.00		NIL	500
		16.00		NIL	440
		16.10		NIL	430
• We herewith confirm that we test lift all our manufactured cranes individually with 1.25 times the rated load before delivering .					
• We also confirm that the group of classification of the mechanism as a whole is M3 (for hoist) and type of crane is A1 in accordance with JIS B 8822-1 (ISO 4301-2).					
• I hereby certify that the crane described in this certificate was tested and thoroughly examined on 2/mar/18 and that the above particulars are correct .					
MAEDA SEISAKUSHO CO., LTD.					
TEL : +81-(0)26-292-2304 FAX : +81-(0)26-293-8768					

DATE OF CERTIFICATE : 2/mar/18 SIGNATURE

南地

Kikuchi, ENGINEER