

## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the LR Type Approval System.

This certificate is issued to:

### PRODUCER

Access Technologies Ltd  
Unit 2, Springhill Industrial Estate  
Aston Street  
Shinfal  
Shropshire, TF11 8DR  
United Kingdom (UK)

### DESCRIPTION

Beam clamps and box bolts for attaching secondary steelwork to structural members.

### TYPE

BeamClamp: Types BA, BB, BC, BD, BE, BK, BF, BG & BH;  
BoxBolts: Type BQ

### APPLICATION

For structural connections in marine, industrial, structural and civil engineering.

### RATINGS

#### Bolt diameters (mm):

BeamClamp:

BA, BB, BC, BD, BK, BF, BG & BH: 8, 10, 12, 16, 20 & 24

BE: 10, 12, 16, 20 & 24

BoxBolt:

BQ: 8, 10, 12, 16 & 20

#### Recommended Safe Working Loads:

Refer to Manufacturer's technical brochure.

Certificate No.

04/00101

Issue Date

10 November 2004

Expiry Date

9 November 2009

Sheet

1 of 2

Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS



P.F. Moysey  
London Plan Approval  
Lloyd's Register EMEA

**OTHER CONDITIONS**

Connections are to be assembled in accordance with the manufacturer's instructions and recommendations.

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The Design Appraisal Document No. 04/00101 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

Certificate No.	04/00101
Issue Date	10 November 2004
Expiry Date	9 November 2009
Sheet	2 of 2

Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS



P.F. Moysey  
London Plan Approval  
Lloyd's Register EMEA

**Part 1A**  
**Subject: Materials**  
**Product: Building Construction Elements (Part 1A)**

Description of Product					Cert. No.
Producer/Licence No.	Type	Details of Approval	Application	Remarks	
Access Technologies Ltd, Unit 2, Springhill Industrial Estate, Aston Street, Shinfael, Shropshire, TF11 8DR, United Kingdom (UK).	BeamClamps: BA, BB, BC, BD, BE, BK, BF, BG & BH; BoxBolts: BQ	Beam clamps and box bolts for attaching secondary steelwork to structural members  Bolt diameters (mm): BA, BB, BC, BD, BK, BF, BG & BK: 8 to 24 BE: 10 to 24 BQ: 8 to 24  Recommended safe working loads: Refer to manufacturer's technical brochure	For structural connections in marine, industrial, structural and civil engineering.	Expires: 9 November 2009	04/00101

*[Handwritten signature]*

**DESIGN APPRAISAL DOCUMENT**

Date 10 November 2004	Quote this reference on all future communications LPA/DAPP/ENG/TA/W00380715/PFM/O-52753
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**LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.**  
**Issued to: ACCESS TECHNOLOGIES LTD**  
**for: BEAMCLAMPS & BOXBOLTS**  
**TYPE APPROVAL CERTIFICATE No. 04/00101**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

**APPROVAL DOCUMENTATION**

Request form	
BeamClamp technical brochure	2004
Drawing no. BA Rev. B	07/2003
BA 01 Rev. D	08/2003
BB Rev. B	07/2003
BB 01 Rev. D	08/2003
BC Rev. C	10/2003
BD Rev. C	10/2003
BC 01 Rev. D	11/2003
BE 1 Rev. C	10/2003
BE 2 Rev. C	10/2003
BE 01 Rev. G	07/2004
BF 1/BF 2 Rev. A	07/2003
BF 01 rev. D	09/2003
BG 1/BG 2 Rev. A	07/2003
BG 01 Rev. C	08/2003
BH 1 Rev. C	08/2003
0015 Issue 5	20/07/2004
0014 Issue 5	20/07/2004
0013 Issue 5	20/07/2004
0012 issue 3	20/07/2004
0011 Issue 3	20/07/2004
0010 Issue 4	20/07/2004
BU 1 Rev. B	10/2003
0001 Rev. 3	12/01/2004
0003 Rev. 4	14/06/2004

**TEST REPORTS**

Lloyds British report: BeamClamp Testing for Lloyd's Register Approval	05/2004
LR Shanghai visit report, ref. SHI 0411324	27/10/2004
LR Shanghai visit report, ref. SHI 0411328	28/10/2004