

UKCA Type Examination Certificate

This is to certify that:

Atwell Limited
T/A Cameron Design
The Studio
1 Prescott Close
Northampton
NN3 5HZ
United Kingdom

Holds Certificate Number:

UKCA 74394

In respect of:

Progressive safety gear model VG-2a

On the basis of our examination of products under the requirements of Annex IV:A of the Lift Regulations 2016 as amended by The Product Safety and Metrology etc. (Amendment etc.)(EU Exit) Regulations 2020 (SI 2020/676) Safety Components of Lifts as recorded in the BSI Report they were found to comply with the Essential Requirements as detailed in Schedule 1 of the Regulations. Any modification to the design of these products will invalidate this UKCA certificate and the Approved Body, number 0086 must be informed without delay.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2021-03-30

Latest Issue: 2021-03-30

Effective Date: 2021-03-30

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No. UKCA 74394

This Type Examination certificate is only valid when the progressive safety gear model VG-2a is installed to operate under the following conditions:

1.	For use with machined and cold drawn guide rail sizes in accordance with ISO7465:2007 inclusive of any amendments.		
2.	For use with guide rails with a surface condition that is either cold drawn or machined that are non-lubricated or lubricated with oil in accordance with Cameron Design specifications.		
3.	With a spring stack as per drawing CDS04913.		
4.	With friction gib inserts as per drawing No. CDS10013 having a minimum gripping width of 16mm.		
5.	Minimum total permissible mass (P+Q ₁) when used as progressive safety gear - 998 kg.		
6.	Minimum braking force when used as ascending car overspeed protection – 15968 N		
7.	Maximum ratings as shown in table below:		
	Maximum overspeed governor tripping speed	Maximum total permissible mass (P+Q₁) for use as progressive safety gear.	Maximum braking force for use as ascending car overspeed protection.
	0.5 m/s	3793 kg	60320 N
	1.0 m/s	3517 kg	56000 N
	1.5 m/s	3250 kg	51920 N
	2.0 m/s	2986 kg	48000 N
	2.5 m/s	2772 kg	44320 N
	3.0 m/s	3031 kg	40800 N
	3.5 m/s	2855 kg	37600 N
	4.0 m/s	2701 kg	34400 N
8.	Designated Standard(s):	BS EN 81-20:2014 - Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods Part 20: Passenger and goods passenger lifts. BS EN 81-50:2014 - Safety rules for the construction and installation of lifts - Examinations and tests Part 50: Design rules, calculations, examinations and tests of lift components.	
9.	This VG safety Gear can be used as part of a device against unintended movement car movement away from the landing with the landing door not in the locked position and the car door not in the closed position with reference to EN 81-20:2014 Section 5.6.7 if the activation device is equipped with adequate type certification with reference to the aforementioned standard.		
10.	Manufacturing sites:		
	International Lift Equipment Ltd. Wanlip Road Syston Leicester LE7 1PD United Kingdom	International Lift Equipment Ltd. DNL House 17 Hickman Avenue Highams Park London E4 9JG United Kingdom	Atwell International Ltd. Ball Mill Top Business Park Hallow Worcester WR2 6PD United Kingdom

Type testing initially commenced on the 13 November 1998 and subsequent updates undertaken by BSI Group, UK as detailed in technical documentation review under 289/8999635 dated 24 July 2018.

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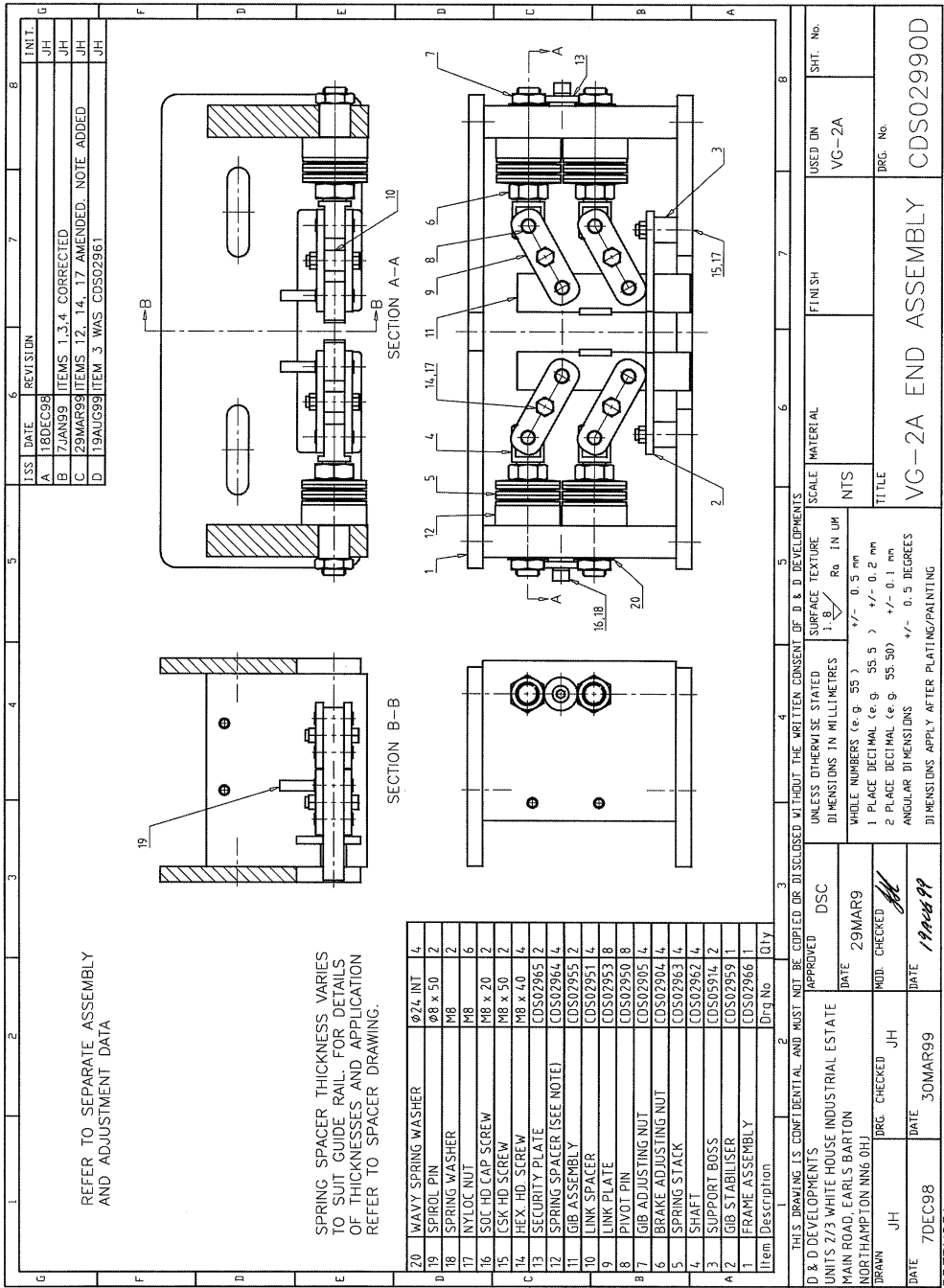
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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

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