

EC Type Examination Certificate

This is to certify that:

Atwell Ltd (Trading as Cameron Design)

The Studio
1 Prescott Close
Rectory Farm
Northampton
NN3 5HZ

Holds Certificate Number:

BSI-LP-74398

In respect of:

Progressive safety gear model: VG-2a

on the basis of our examination under the requirements of Council Directive 95/16/EC, Annex V:A, The Lift Directive, as recorded in BSI Report No's 282/005157 dated 10 June 1999, 239/4448422 dated 23 April 2003, 7931356 and 7944551.

For and on behalf of BSI,
a Notified Body for the above Directive
(Notified Body Number 0086):



Gary Fenton, Global Assurance Director

Any modification to the design of this product will invalidate this EC Certificate and the Notified Body, number 0086, must be informed without delay.

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EC Type Examination Certificate

No. BSI-LP-74398

Authorised Representative

Atwell International Limited
Ball Mill Top Business Park
Hallow
Worcester
WR2 6PD

Manufacturer

Atwell International Limited
Ball Mill Top Business Park
Hallow
Worcester
WR2 6PD

Scope of Certificate for progressive safety gear model VG-2a:**General conditions**

1. For use with machined guide rail sizes in accordance with BS 5655:Part 9:1986.
2. For use with guide rails with a surface condition in accordance with Savera brushing process.
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. For use on guide rails that are either non-lubricated or lubricated with oil in accordance with Cameron Design specifications.
6. Under the Manufacturer's instructions, the VG Safety Gear VG-2a can be used as part of a certified UCMP system incorporating VG Overspeed governor.
7. The VG Safety Gear (VG-2a) can be used as part of a device against unintended movement of the cabin with doors open with reference to EN 81-1:1998+A3:2009, paragraph 9.11 if the activation device is equipped with adequate type certification with reference to the aforementioned standard.

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EC Type Examination Certificate

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Scope of Certificate for progressive safety gear model VG-2a (continued):

Permissible ratings under this certification

1. Minimum total permissible mass ($P+Q_1$) when used as progressive safety gear - 998 kg.
2. Minimum braking force when used as ascending car overspeed protection – 15968 N.
3. Maximum ratings as shown in table below:

Maximum overspeed governor trip speed.	Maximum total permissible mass ($P+Q_1$) for use as progressive safety gear.	Maximum braking force for use as ascending car overspeed protection.
0.5 m/s	3770 kg	60320 N
1.0 m/s	3500 kg	56000 N
1.5 m/s	3245 kg	51920 N
2.0 m/s	3000 kg	48000 N
2.5 m/s	2770 kg	44320 N
3.0 m/s	2550 kg	40800 N
3.5 m/s	2350 kg	37600 N
4.0 m/s	2150 kg	34400 N

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