(1) EC-Type Examination Certificate

(2) Council Directive of 21 December 1989 on the approximation of the laws of the member states relating to personal protective equipment - 89/686/EEC

(3) No. of EC-Type Examination Certificate: **ZP/B002/15** replaces ZP/B131/12

(4) Product: **Anchor device type C**
Type: ALLinONE

(5) Manufacturer: **INNOTECH® Arbeitsschutz GmbH**

(6) Address: **Laizing 10, 4656 Kirchham, Österreich**

(7) The design and construction of this personal protective equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.

(8) The certification body of DEKRA EXAM GmbH, Notified Body No. 0158 according to Article 9 of Council Directive 89/686/EEC of 21 December 1989, certifies that this personal protective equipment has been found to comply with the Essential Health and Safety Requirements given in Annex II to the Directive. The examination and test results are recorded in the test and assessment report PB 14-224.

(9) The Essential Health and Safety Requirements are assured by compliance with

DIN EN 795:2012 **DIN CEN/TS 16415:2013**

(10) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified personal protective equipment in accordance to Directive 89/686/EEC. Further requirements of the Directive apply to the manufacturing process and supply of this personal protective equipment. These are not covered by this certificate.

(11) When applying the CE Marking to the products that conform to the types examined, the client is obliged to add, in accordance with the attached pattern, the identification number of the Notified Body engaged in production control.

CE 0158

(12) This EC-Type Examination certificate is valid until 2020-01-12.

DEKRA EXAM GmbH
Bochum, 2015-01-13

signed: Wiegand
Certification body

signed: Mühlenbruch
Special services unit

We confirm the correctness of the translation from the German original. In the case of arbitration only the German wording shall be valid and binding.

Certification body

Special services unit

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(13) Appendix to

(14) **EC-Type Examination Certificate**
ZP/B002/15

(15) 15.1 Subject and Type
Anchor device type C
Type: ALLinONE

15.2 Description
The anchor device type ALLinONE (AIO, Fig. 1) is intended to protect persons against fall from a height. A maximum of four people can secure themselves against falling on the anchor line between two anchor points.
The anchor device is mounted on suitable grounds of sufficient structural strength.
The corrosion-resistant anchor line is made of steel rope (Ø8 mm – variant 7x7) and is fastened at both ends by means of a rope tensioner (Fig. 22). The roper tensioners are equipped with an integrated shock absorption system and are either directly connected to the construction system or by means of end anchors (Fig. 6-13).
On the anchor line there run mobile anchor points (Fig. 2-5). Each anchor point is equipped with one connector that comes as a steel karabiner. It is not possible to detach the mobile anchor points from the anchor line except the anchor point of type AIO-GLEIT-10, which can be detached by two hand movements that need to be performed independently from each other. The user is not able to override the ends of the anchor line as these are secured by the rope tensioners.
The correct pre-stressing of the anchor line is visible due to a marking on the rope tensioner. On the construction, specially shaped intermediate anchors (Fig. 14-21) can be mounted on the building structure to support the anchor line. The maximum distance between the intermediate anchors can vary according to the system installed and must not be wider than 15 m.
In addition, curves can be passed over using the corner terminations (Fig. 23-26). Those corner terminations deflect the anchor line by means of a bent tube.
The corner termination (Fig. 27) allows to deflect the anchor line at any horizontal angle; nevertheless, it cannot be overridden by a mobile anchor point.

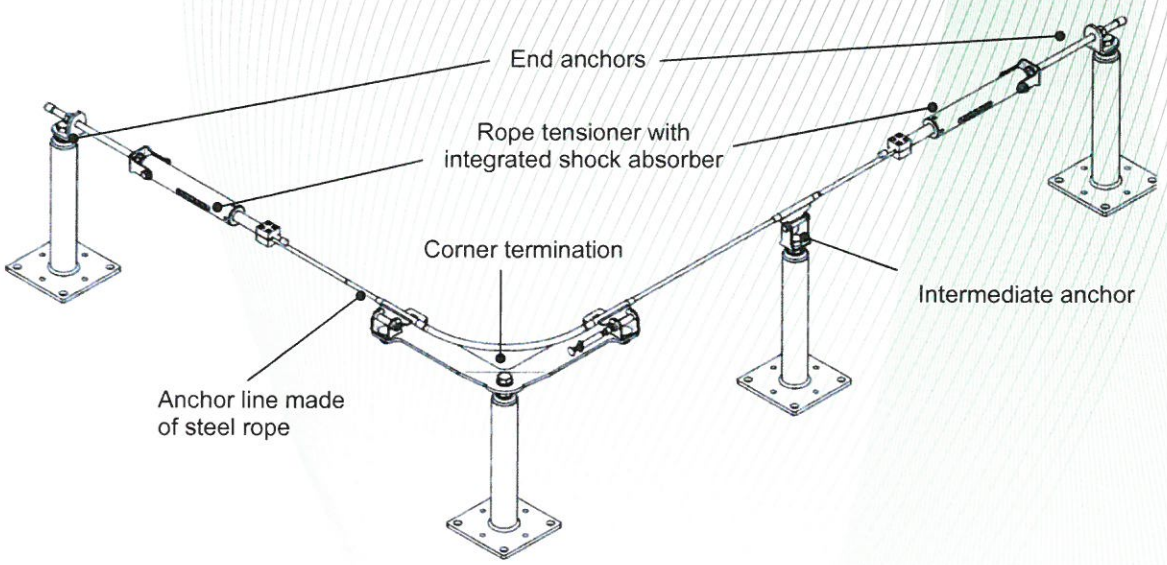

Fig. 1: Application example of anchor device, type: ALLinONE

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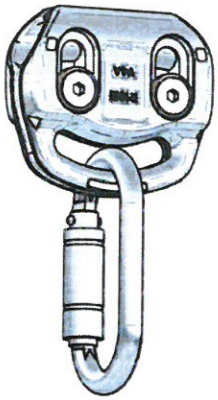

Fig. 2: Mobile anchor point,
type: AIO-GLEIT-10

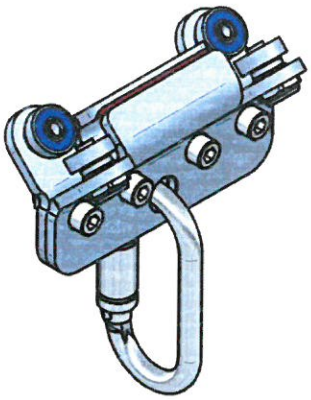

Fig. 3: Mobile anchor point,
type: AIO-GLEIT-11

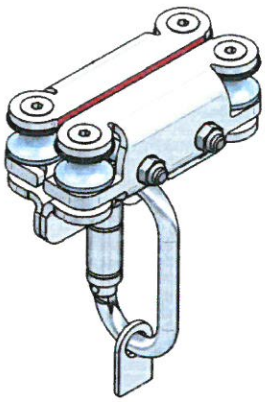

Fig. 4: Mobile anchor point,
type: AIO-GLEIT-12

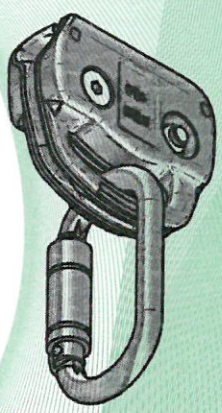

Fig. 5: Mobile anchor point,
type: AIO-GLEIT-13

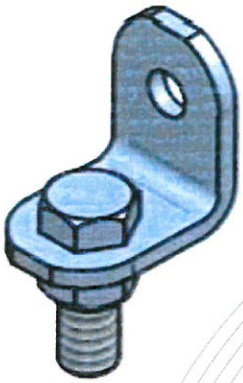

Fig. 6: End anchor, type: AIO-EB-10

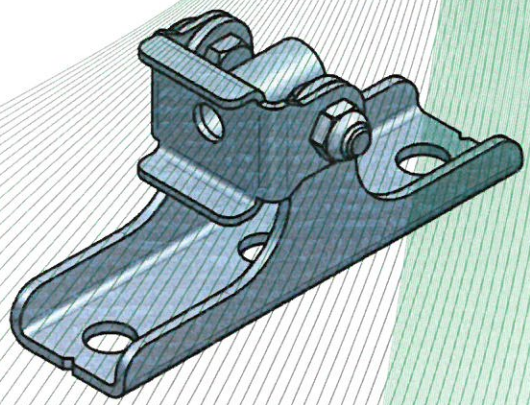

Fig. 7: End anchor, type: AIO-EB-11

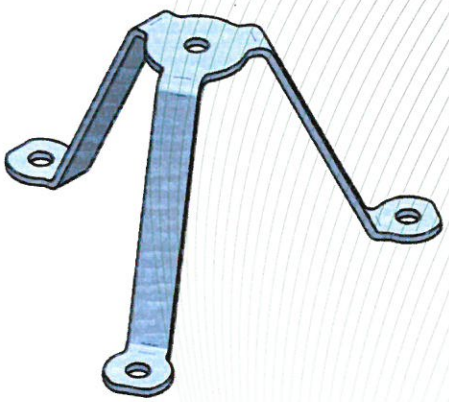

Fig. 8: End anchor, type: AIO-EB-12

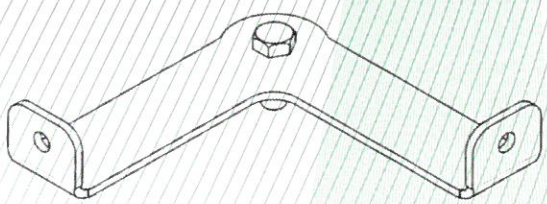

Fig. 9: End anchor, type: AIO-EB-13

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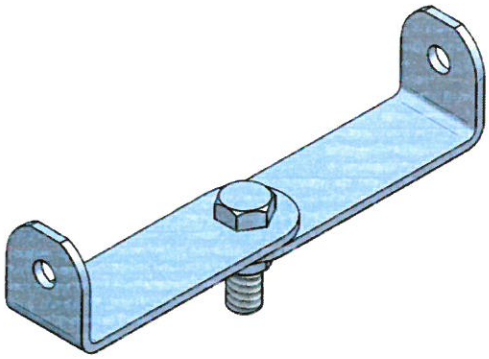

Fig. 10: End anchor, type: AIO-EB-14

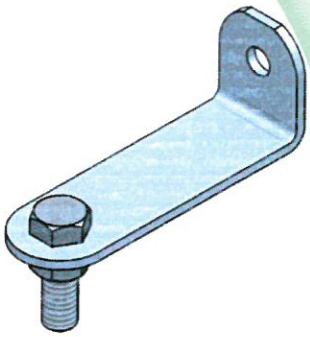

Fig. 11: End anchor, type: AIO-EB-15

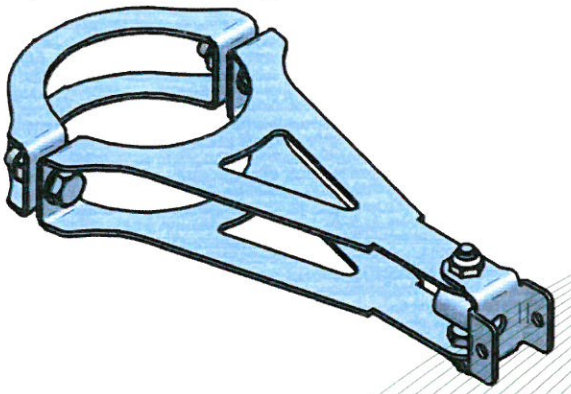

Fig. 12: End anchor, type: AIO-EB-20-110

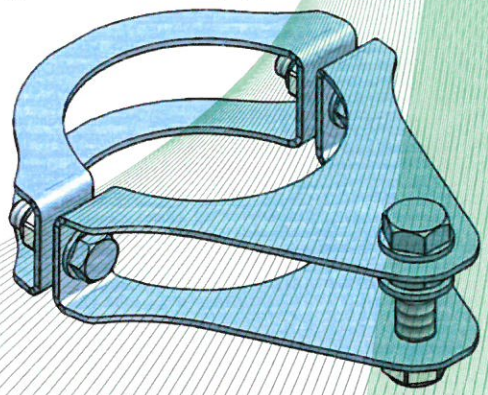

Fig. 13: End anchor, type: AIO-EDLE-20-110

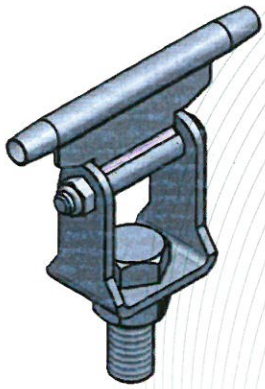

Fig. 14: Intermediate anchor,
type: AIO-SZH-10

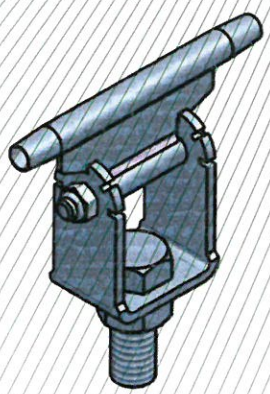

Fig. 15: Intermediate anchor,
type: AIO-SZH-15

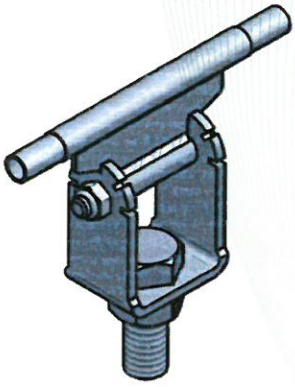

Fig. 16: Intermediate anchor,
type: AIO-EDLE-17

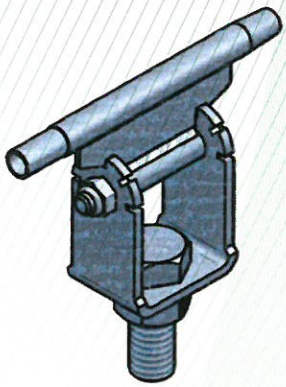

Fig. 17: Intermediate anchor,
type: AIO-EDLE-18

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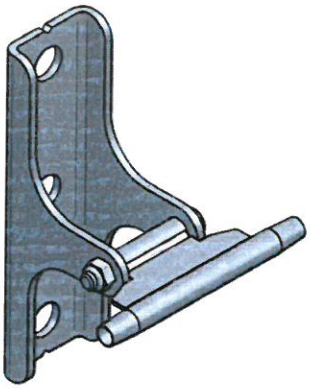

Fig.18: Intermediate anchor, type: AIO-SZH-11

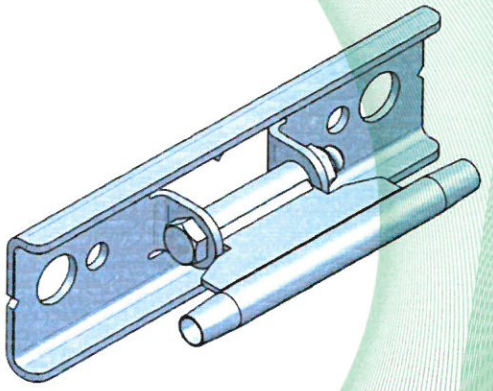

Fig. 19: Intermediate anchor, type: AIO-SZH-14

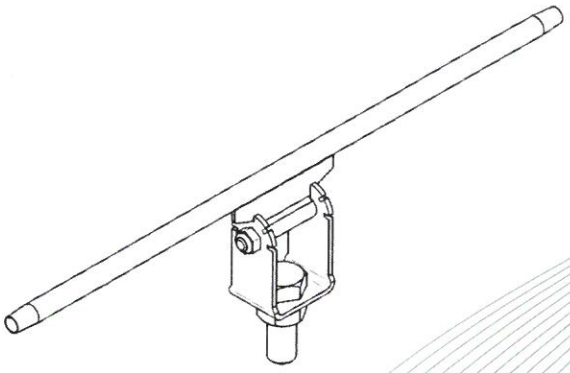

Fig. 20: Intermediate anchor, type: AIO-EDLE-19

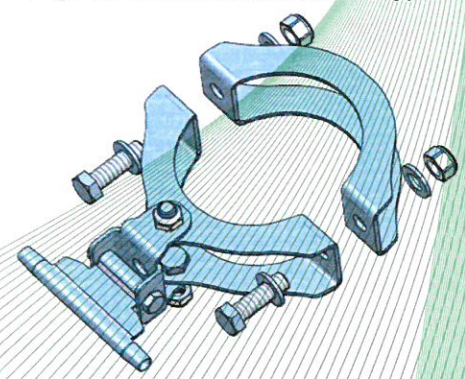

Fig. 21: Intermediate anchor, type: AIO-SZH-20-SO-100

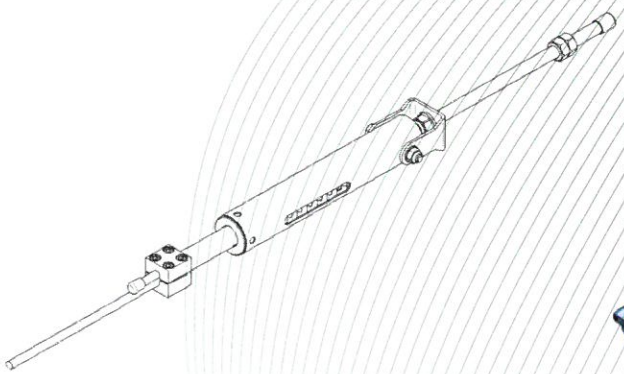

Fig. 22: Rope tensioner with energy absorber, type: AIO-ENDS-10

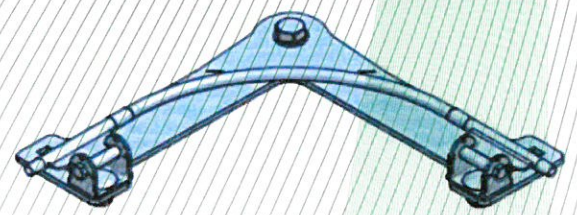

Fig. 23: Corner termination, type: AIO-EDLE-10

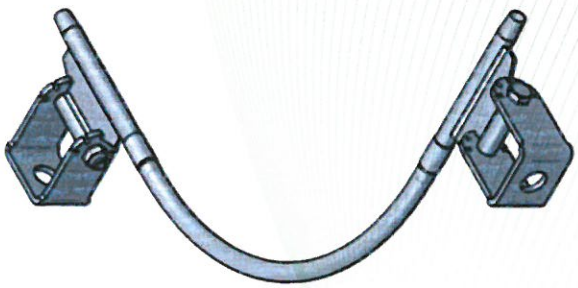

Fig. 24: Corner termination, type: AIO-EDLE-13

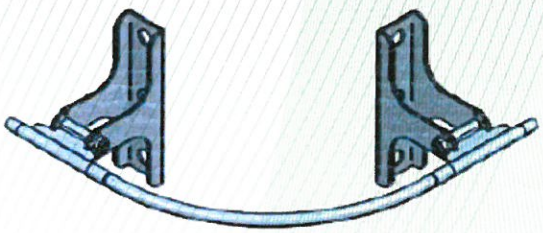

Fig. 25: Corner termination, type: AIO-EDLE-12

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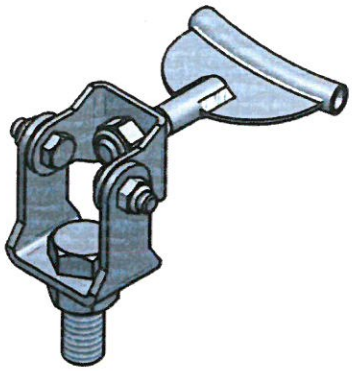

Fig. 26: Corner termination, type: AIO-EDLE-11

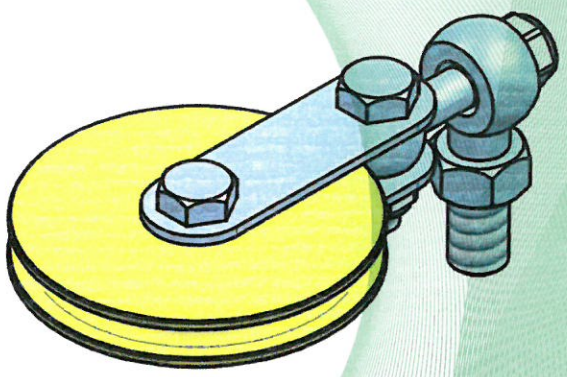

Fig. 27: Corner termination, type: AIO-EDLE-14

(16) Test and Assessment Report

PB 14-224, 2015-01-12

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