

**CENTRAL INSTITUTE FOR LABOUR PROTECTION  
- NATIONAL RESEARCH INSTITUTE  
Centre for Certification of Personal  
Protective and Working Equipment**

Poland, 90-133 Łódź, ul. Wierzbowa 48  
phone: (+48) 42 648 02 44, fax (+48) 42 648 02 48

Date: 28. 02. 2020

Ref: SO/<sup>105</sup>...../2020

**KARAM İŞ GÜVENLİĞİ EKİP.DİŞ.TİC.SAN.LTD.ŞTİ  
MUTSAN SAN.SİT. M6 BLOK NO:18-20 BAŞAKŞEHİR - ISTANBUL  
TÜRKİYE**

Dear Sirs,

I have the pleasure to inform you that the process of the EU type-examination of the product "Double arm shock absorber lanyard type KA 341" - application for EU type-examination No. 142/2019 - has been positively completed.

Please find enclosed the certificate No. **UE/303/2020/1437, edition 1 dated 15 January 2020.**

Yours faithfully,

Head of the Centre  
for Certification of Personal  
Protective and Working Equipment

*et. Skyp*  
Agnieszka Stefko M.Sc.(Eng.)

# Certificate

## **of EU type-examination No. UE/303/2020/1437, edition 1**

**Name of the product:**

*Double arm shock absorber lanyard*

**Type (varieties):**

*KA 341*

**Name and address of the manufacturer:**

*KARAM İŞ GÜVENLİĞİ EKİP.DIŞ.TİC.SAN.LTD.ŞTİ  
MUTSAN SAN.SİT. M6 BLOK NO:18-20 BAŞAKŞEHİR - ISTANBUL  
TÜRKİYE*

***The product meets the applicable essential health and safety requirements  
included in Regulation (EU) 2016/425 of the European Parliament and of the Council  
of 9 March 2016***

***Validity period: from 15 January 2020 to 14 January 2025***

Head of the Centre  
for Certification of Personal  
Protective and Working Equipment

*A. Stefko*  
Agnieszka Stefko M.Sc.(Eng.)

.....  
*signature of the certificate issuer's representative*

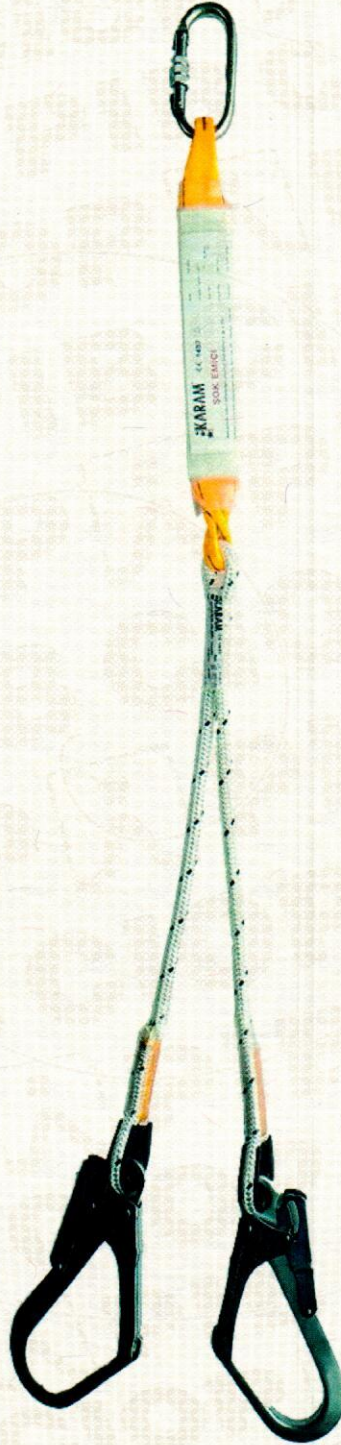
***Warsaw, date 15 January 2020***

*page 1 of 3*

**Product description:**

The double arm shock absorber lanyard type KA 341 is made of folded and sewn polyester webbing. On both ends of the energy absorber there are loops. The shock absorber package with labeling is covered with transparent polyethylene heat-shrinkable film. The KA 341 lanyard, made of polyester rope of 12 mm in diameter, is permanently connected to one loop (end). The ends of the lanyard are sewn into a loop with polypropylene thimble with 04T connectors.

**Image:**



**Basic parameters:**

*class, personal protective equipment category, performance level(s) or protection class of the product*

- *static strength  $\geq 15$  kN*
- *3-point static strength test  $\geq 9$  kN*
- *permanent extension under static preloading  $\leq 50$  mm*
- *dynamic performance  $\leq 6$  kN*

**Identification of the submitted documentation:**

- *application for EU type-examination No. 142/2019 dated 05.03.2019*
- *agreement on EU type-examination and review of the EU type-examination certificate No. 53/2019/1437 dated 05.03.2019*
- *technical documentation: Double arm shock absorber lanyard type KA 341 dated 01.09.2018*
- *user manual dated 01.09.2018*
- *declaration of harmlessness dated 14.03.2019*

**Product/product model supplied with the EU type-examination application is compliant with the technical documentation.**

**The product meets the requirements of harmonised standard/technical specifications:**

- *EN 355:2002 "Personal protective equipment against fall from a height. Energy absorbers"*
- *EN 354:2010 "Personal fall protection equipment. Lanyards"*

**confirmed by tests performed by:**

*CIOP-PIB, Department of Personal Protective Equipment, Lodz, Poland*

**report No.:**

*367/PB/2018/NO dated 01.08.2018*

**Marking:**

*name and address of the manufacturer: KARAM; Double arm shock absorber lanyard, KA 341; EN 354:2010, EN 355:2002; month and year of manufacture; serial number; material – polyester; pictogram – see user manual; Information: Length of the lanyard + energy absorber + connectors = maxi 2 m*

**The certificate applies in conjunction with one of procedures of conformity assessment according to C2 module or D module pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016**

**NOTE 1:**

*Every modification to the product and its technical documentation to which this certificate pertains should be notified to the Centre for Certification of Personal Protective and Working Equipment of the Central Institute for Labour Protection – National Research Institute.*

*This certificate shall be valid as long as the above harmonised standard may be applied as a basis for product examination.*

**NOTE 2:**

*Forging the content and the markings of the certificate or modifying them (including a photocopy or scan), or using such document as authentic is a crime under Article 270 § 1 of the Criminal Code.*

Date: 28. 02. 2020

Ref: SO/.....106...../2020

**KARAM İŞ GÜVENLİĞİ EKİP.DIŞ.TİC.SAN.LTD.ŞTİ**  
**MUTSAN SAN.SİT. M6 BLOK NO:18-20 BAŞAKŞEHİR - ISTANBUL**  
**TÜRKİYE**

Dear Sirs,

I have the pleasure to inform you that the process of the EU type-examination of the product "Energy absorber type KA 300" - application for EU type-examination No. 173/2019 - has been positively completed.

Please find enclosed the certificate No. **UE/304/2020/1437, edition 1 dated 15 January 2020.**

Yours faithfully,

Head of the Centre  
for Certification of Personal  
Protective and Working Equipment

*A. Stefko*  
Agnieszka Stefko M.Sc.(Eng.)

# Certificate

## of EU type-examination No. UE/304/2020/1437, edition 1

**Name of the product:**

*Energy absorber*

**Type (varieties):**

*KA 300*

**Name and address of the manufacturer:**

*KARAM İŞ GÜVENLİĞİ EKİP.DIŞ.TİC.SAN.LTD.ŞTİ  
MUTSAN SAN.SİT. M6 BLOK NO:18-20 BAŞAKŞEHİR - ISTANBUL  
TÜRKİYE*

***The product meets the applicable essential health and safety requirements  
included in Regulation (EU) 2016/425 of the European Parliament and of the Council  
of 9 March 2016***

***Validity period: from 15 January 2020 to 14 January 2025***

Head of the Centre  
for Certification of Personal  
Protective and Working Equipment

*A. Stefko*  
Agnieszka Stefko M.Sc.(Eng.)

.....  
*signature of the certificate issuer's representative*

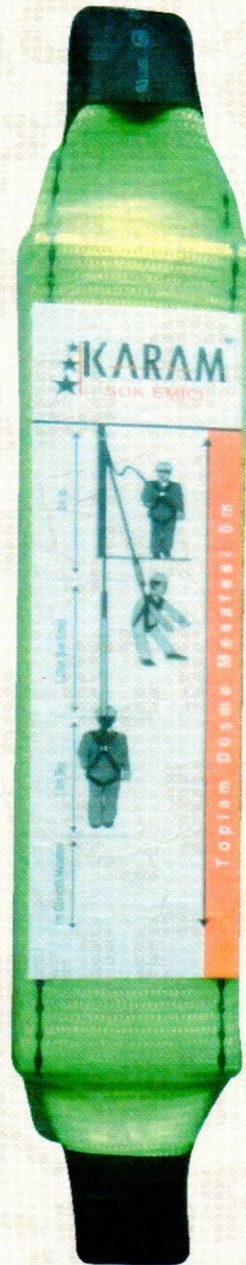
***Warsaw, date 15 January 2020***

*page 1 of 3*

**Product description:**

The energy absorber type KA 300 is made of polyester webbing (45 mm wide) and stitched with polyester threads. It is covered with a heat-shrinkable protective layer and equipped with heat-shrinkable polyethylene protective sleeves. To be used with lanyards with a maximum length of the whole system (lanyard, energy absorber, connectors) of 2 m.

**Image:**



**Basic parameters:**

*class, personal protective equipment category, performance level(s) or protection class of the product*

- *static strength  $\geq 15$  kN*
- *permanent extension under static preloading  $\leq 50$  mm*
- *dynamic performance  $\leq 6$  kN*

**Identification of the submitted documentation:**

- *application for EU type-examination No. 173/2019 dated 01.04.2019*
- *agreement on EU type-examination and review of the EU type-examination certificate No. 53/2019/1437 dated 05.03.2019*
- *technical documentation: Energy absorber type KA 300 dated 14.03.2019*
- *user manual dated 14.03.2019*
- *declaration of harmlessness dated 14.03.2019*

**Product/product model supplied with the EU type-examination application is compliant with the technical documentation.**

**The product meets the requirements of harmonised standard/technical specifications:**  
*EN 355:2002 "Personal protective equipment against falls from a height. Energy absorbers"*

**confirmed by tests performed by:**

*CIOP-PIB, Department of Personal Protective Equipment, Lodz, Poland*

**report No.:**

*490/PB/2013/NO dated 30.09.2013*

**Marking:**

*name and address of the manufacturer: KARAM; Energy absorber, KA 300; EN 355:2002; month and year of manufacture; serial number; pictogram – see user manual; Information: Length of the lanyard + energy absorber + connectors = maxi 2 m*

**The certificate applies in conjunction with one of procedures of conformity assessment according to C2 module or D module pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016**

**NOTE 1:**

*Every modification to the product and its technical documentation to which this certificate pertains should be notified to the Centre for Certification of Personal Protective and Working Equipment of the Central Institute for Labour Protection – National Research Institute.*

*This certificate shall be valid as long as the above harmonised standard may be applied as a basis for product examination.*

**NOTE 2:**

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