



# LIFT Certificate TU-Sofia

Technical University of Sofia - Technologies Ltd  
holding TUV NORT CERT certificate according to ISO9001:2008



## CERTIFICATE FOR "EU-TYPE EXAMINATION OF SAFETY COMPONENTS FOR LIFTS" №1042K/TE/19.03.2018



"LIFT CERTIFICAT TU - SOFIA" - conformity assessment notified body with Permission № 108-OC/07.06.2016, issued by STATE AGENCY FOR METROLOGICAL AND TECHNICAL SURVEILLANCE (SAMTS) with European Identification № 2201

**Verified** on the basis of examinations and tests that the product described below is in accordance with the essential safety requirements of the Directive 2014/33/EU, introduced by the "Ordinance for the essential requirements and conformity assessment of lifts and the safety devices for lifts".

**Applicant:**  
(name, address)

**ABT POLIÜRETAN SAN. TİC.  
DİLER COŞKUN**

**Address:** İkitelli San. Bölgesi, İSTEKS Dokuma San. Sit. D-1 Blok No:3, İstanbul – TURKEY

**Manufacturer of the safety component:**  
(name, address)

**ABT POLIÜRETAN SAN. TİC.  
DİLER COŞKUN**

**Name and type of the safety component:**

**Buffer  
Type: EYL-8**

**Additional data for identification of the safety component:**

Energy accumulation buffer with non linear characteristics.

The additional data and technical characteristics are according to "Annex 1" of this certificate

**Application form of Conformity assessment:**

№ 1042/09.11.2017

**Testing laboratory:**

STL at "LIFT Certificat TU-Sofia"

**Test report:**

№ 1042/02.02.2018

**Summary report of Conformity assessment:**

№ 1042K/19.03.2018

**Applied Directives and Standards:**

Directive 2014/33/EU – Annex IVA (Module B), EN81-50:2014 - p.5.5, EN81-20:2014

This certificate contains Annex 1 - "Technical Characteristic", which is an integral part of it. The certificate expires on the occurrence of changes in the conditions under which it was issue or after expiring the validity period. Please, check "valid until" date below.

Certificate 1042K/TE/ 19.03.2018 replaced certificate 1042/TE/05.02.2018, which expire due to changes in the conditions under which it was issue.

Date of issue: 19 March 2018

Valid until: 19 March 2023



Head of "LIFT Certificate TU-Sofia":

/ Assoc. Prof. PhD Eng. Georgi Iliev /

Address: 8 Kliment Ohridski Blvd., TU-Sofia, lab.4100, 1756 Sofia, Bulgaria,  
Tel/Fax: +359 2965 2984, e-mail:giliev@tu-sofia.bg, www.liftcertificate.eu

**TECHNICAL CHARACTERISTICS**  
of safety component: **Buffer, Type: EYL-8**

**1. Application of the energy dissipation buffer.**

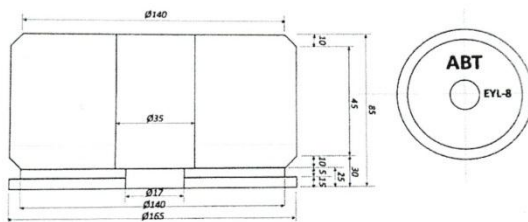
The energy accumulation buffer with non linear characteristics, Type: EYL-8 is designed to be use as bottom limit of the travel of the lift car and counterweight.

It confirms to the essential safety requirements of the applied Directives and Standards.

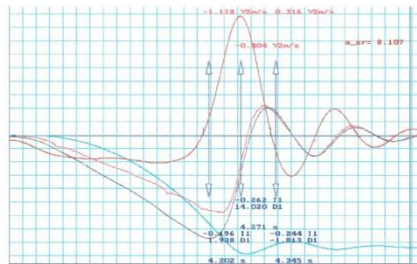
**2. Parameters of the system**

Limits of permissible masses (kg):	500 – 3750
Maximum impact speed (m/s):	1.2
Maximum rated speed (m/s):	1.00
Fixation:	Hex Bolt - 1 x M16
Environmental conditions:	Ambient temperature range: -15 + +50°C
	Relative humidity: ≤ 80%


**3. Assembly drawing and picture**



**4. Graphical sample of the test results**



Head of NB "LIFT Certificate TU-Sofia":

  
/ Assoc. Prof. PhD Eng. Georgi Iliev /