



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”

№875/TE/30.10.2017



“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)	Aksoz Makina San Ve Tic Ltd Sti Address: 1187. Sok No:8 Ostims, Ankara, Turkey
Manufacturer of the safety component: (name, address)	Aksoz Makina San Ve Tic Ltd Sti
Name and type of the safety component:	Progressive Safety Gear Type: ALY02
Additional data for identification of the safety component:	The additional data and technical characteristics are according to “Annex 1” of this certificate
Application form of Conformity assessment:	№ 875/25.09.2017
Testing laboratory:	STL at “LIFT Certificat TU-Sofia”
Test report:	№ 875/24.10.2017
Summary report of Conformity assessment:	№ 875/27.10.2017
Applied Directives and Standards:	Directive 2014/33/EU – Annex IVA (Module B), EN81-50:2014 - p.5.3

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.

Date of issue: 30 October 2017

Valid until: 30 October 2022



Head of NB "LIFT Certificate TU-Sofia":

Assoc. Prof. PhD Eng. Georgi Iliev /

TECHNICAL CHARACTERISTICS
of safety component: **Safety gear, Type: ALY02**

1. Application of the safety gear

The following progressive safety gear conforms to the safety requirements of the applied Directive and Standards. It must be use according to the scope of application, described in p.2 of this Annex 1.

2. Parameters of the safety gear

Safety Gear Type	Guide rail blade thickness (mm)	Rates speed (m/s)	Min. permissible masses (kg)	Max. permissible masses (kg)
ALY02	9 mm	2.00	600	1450
		1.60	600	1600
		1.20	600	1800
		1.00	600	2120
		0.80	600	2300
		0.63	600	2525
	10 mm	2.00	600	1475
		1.60	600	1720
		1.20	600	1900
		1.00	600	2180
		0.80	600	2350
		0.63	600	2610
	16 mm	2.00	600	1850
		1.60	600	1960
		1.20	600	2120
		1.00	600	2360
		0.80	600	2680
		0.63	600	2870

Maximum tripping speed of the overspeed governor (m/s): 3.00
 Type of guide rail: T70, T75, T82, T89, T90, T114, T125, T127
 Minimum width of the gripping area (mm): 12
 Acting direction: bi-directional
 Surface condition of the guide rails: Cold Drawn, Machined
 State of guide rails lubrication: DIN 51524 / HLP 32, HLP 46