

Certificate of constancy of performance 1853-CPR-007

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR),
this certificate applies to the construction product

VEHICLE RESTRAINT SYSTEM SPO-97

brand name "SPO – 97/4,0 N2"
containment level N2 and impact severity level A
according to EN 1317-2:2010,
for Vehicle Restraint System for circulation areas

produced by
"ZPT" AD
1 Industrialen,
8680 Straldzha, Bulgaria

and produced in the manufacturing plant
"ZPT" AD
1 Industrialen,
8680 Straldzha, Bulgaria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 1317-5:2007+A2:2012

under system 1 are applied and that

the products fulfils all the prescribed requirements set out above.

This certificate was first issued on 07.11.2011 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.
Annex 1 is integral part of this certificate.

20.12.2013
Sofia, Bulgaria

Deputy Head of Notified Body:


/Eng. V. Pupova/



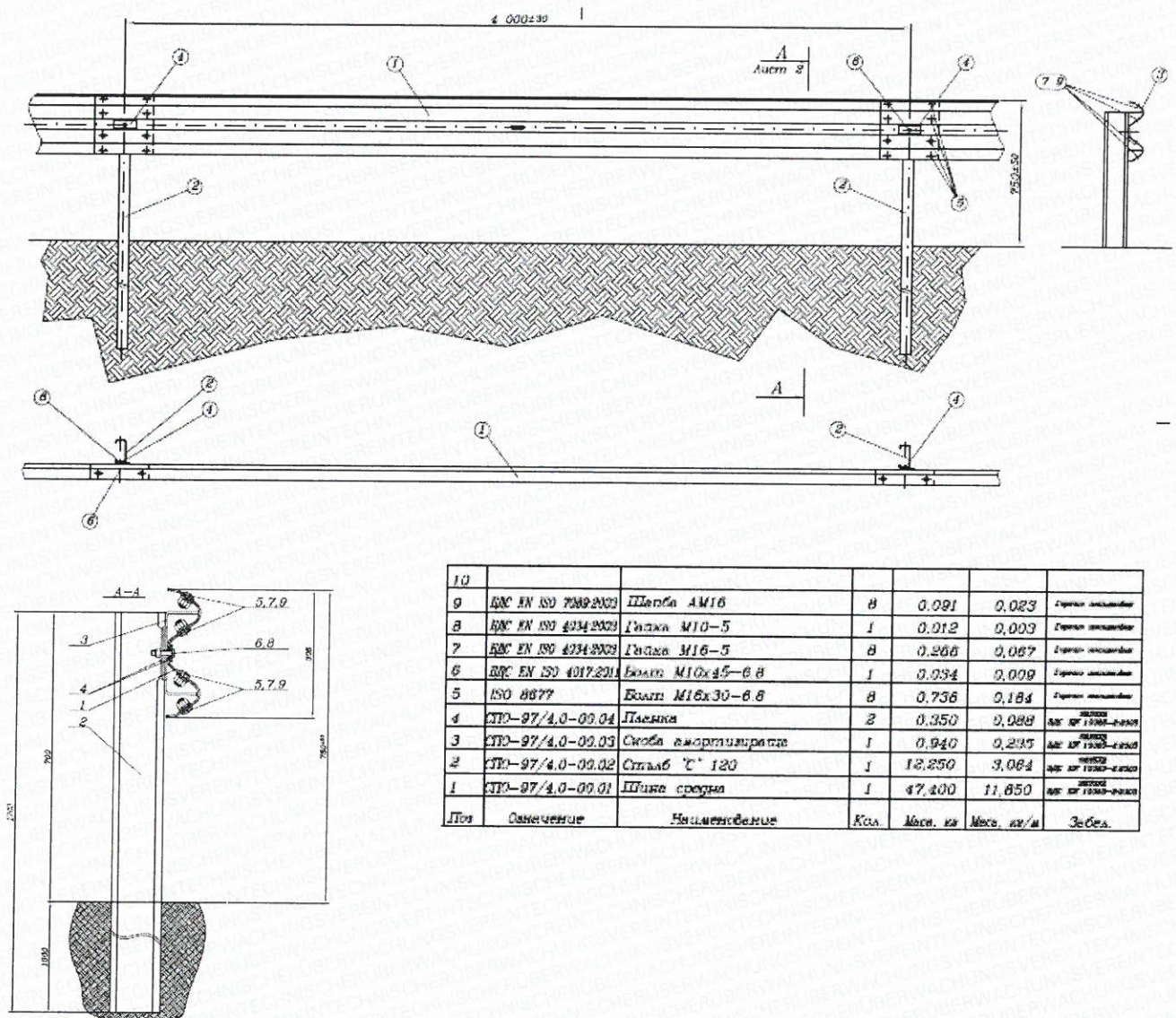
Annex 1

**Technical characteristics of SPO-97/4,0 N2
№ 1853-CPR-007**

This Annex is integral part of Certificate of constancy of performance No 1853-CPR-007 and is valid only with reference to the above mentioned Certificate

Manufacturer:	"ZPT" AD 1 Industrialen, 8680 Straldzha, Bulgaria / ZZD Consortium "Systems for Road Safety"
Undertaking:	"ZPT" AD 1 Industrialen, 8680 Straldzha, Bulgaria
Name:	Steel Guardrail for Roads – 97/4.0 N2 (SPO-97/4.0 N2)
Standard (norm):	EN 1317-5:2007+A1:2009
Initial type-testing: (EN 1317-1:1998; EN 1317-2:1998; EN 1317-2/A1:2006)	CSI S.p.A. Proving Ground Facility, Bollate-Milano, Italy (laboratory-subcontractor)
Protocols of ITT:	0105\ME\HRB\11 от 10.10.2011 0106\ME\HRB\11 от 14.10.2011
Contaminent level:	N2
Impact severity:	A
Working width:	2,1 м клас W6
Dynamic deflection:	2,0 м
Criteria for Examination:	TB32-1500 кг; 110 км./h; 20 ⁰ TB11-900 кг; 100 км./h; 20 ⁰
Elements for SPO-97-4.0 N2, produced by "ZPT" AD:	1. Guardrail Beam profile A – СПО-97/4,0-00.01 2. Post „C“ 120 - СПО-97/4,0-00.02 3. Bracket shock-absorbing - СПО-97/4,0-00.03 4. Plank - СПО-97/4,0-00.04
Main material/s (strength class/standard):	S235 по EN 10025-2
Conformation:	Hereby is confirmed that all requirements are fulfilled.
Legal force starting at: (issue of first certificate):	07.11.2011 г.
Validity:	The present Certificate shall be valid until significant changes in the provisions of the above mentioned Standard, Company's Production Conditions or System of Production Control
Notes:	Components of the System are hot-dip galvanized EN 1461, with a zinc coating min $\delta_m \geq 70 \mu m$

Mounting features



20.12.2013
Sofia, Bulgaria

Deputy Head of
Notified Body:

/Eng. V. Pupova/

