TÜV SÜD Czech s.r.o.
Novodvorská 994/138
142 21 Praha 4

Evaluation REPORT

Registration No. 15.586.154

Purpose of evaluation: **issuance of the certificate of constancy of performance of the product according to Annex V, subparagraph 1.1/1.2 of Regulation No. 305/2011 of the European Parliament and of the Council (EU)**

Customer:	**ATOM SANTEH DOO Kočani** **Todosija Paunov 34, NMK-2300 Kočani**
Declaration No., dated:	**15.585.894 from 11.10.2023**
TÜV SÜD Czech s.r.o. contract:	**5402300107**
Manufacturer:	**ATOM SANTEH DOO Kočani**
Manufacturing plant(s):	**Todosija Paunov 34, NMK-2300 Kočani**

Evaluated product

Name (trade name):	**Steel road lighting columns for circulation areas**
Type/type series:	**SR10, SR13**
Intended use:	**Public lighting for octagonal areas**
Scope of application:	**EN 40-5**
Product identification:	**SR10, SR13**
Commission Decision No./conformity assessment system:	**96/579/EEC, 99/453/EC, System 1**

The following EN, ETA and designated ČSN standards have been used as specifications for product certification:

EN 40-5; EN 40-2; EN 40-3-1; EN 40-3-3

as well as the below-mentioned documents:

- Forces calculations for lighting columns – Dejana Dujaković, Licence Engineer No.: FL-5013/16
- Production control system documents
- ITT of products

Performed activities

1. Review of the documents submitted by the manufacturer
2. Product-type testing
3. Initial inspection of the manufacturing plant and assessment of factory production control
4. Results

Evaluation findings

1. Review of the documents submitted by the manufacturer:

The documents submitted by the Manufacturer shall document the performance of strength calculation according to EN 40-3-1 and EN 40-3-3. They meet the criteria set out in clause 6 of the company. The system is based on the ISO 9001 standard and fully complies with the requirements of EN 40-5.

2. Product-type testing:

The product type test was performed on one piece of each type – S1. Evaluation of the basic characteristics according to EN 40-5 are in ITT reports No. 2/23 and 3/23 (separately annex to this report).
EN 40-5 article 4 - Materials
Materials are according to the requirements of EN 10025, plate with type of certificate 3.1, tube with type of certificate 2.2 and consumables with type of certificate 2.2 according to EN 10204.
EN 40-5 article 5 - Dimensions and straightness
Dimensions are according to the requirements of EN 40-2, measuring protocols were submitted.
Straightness are according to the requirements of EN 40-2, measuring protocols were submitted.
EN 40-5 article 6 - Design
The design is given in the project GIM-PRO - Center for design, technical control and supervision, Palih boraca 55, local no. 2, 78000 B. Luka, RS-BiH
EN 40-5 article 7 - Welding
Mechanical properties of welds are demonstrated by WPQR to EN ISO 15614-1. Welder qualifications shall be determined according to EN ISO 9606-1. The welding plan and WPS are prepared by qualified welding supervisor. Welding control is issued by quality personnel in accordance with EN ISO 9712, level 2.
EN 40-5 article 11 - Corrosion protection
Corrosion is accordance with requirements of EN ISO 1461.
EN 40-5 article 16 - Performance under vehicle impact- passive safety
Passive safety is not required. The class O column is considered to be according to EN 12767.

3. Initial inspection of the manufacturing plant and assessment of factory production control:

The initial inspection of the production plant was carried out on 11.10.2023. During this inspection check list, which is attached to this report, (see Annex 2).
Dimensional inspection and inspection of corrosion protection were performed. Certificates of basic and additional material were checked. The qualification of the welding personnel was verified. The performance of the test is governed by Annex D to EN 40-5. The results are recorded in the Product Test Record of 15.09.2023. The measured values correspond to the

requirements of EN 40-5 point. The requirements of EN 40-5 annex ZA Table ZA.1 are met. (see Annex 1)

4. Results:

Types of columns are produced in agreement with the factory production control and are complies with the requirements of the documentation and the standards EN 40-5.

Based on the performed evaluation we are hereby to provide the following

conclusion:

Irremovable non-conformities have not been been found during the evaluation.

The results of evaluation process have been submitted to the certification body No. NB 1017 for decision of the issuance of the certificate to the applicant ATOM SANTEH DOO Kočani.

The aforesaid conclusion shall be valid under the following conditions:

There will be no significant changes in the production management process, such as relocation of production, new production process, etc.

In Beograd, on 11.10.2023

TMS CEE d.o.o. inspector: Stojčić Ivan

In Ostrava, on 23.10.2023

TÜV SÜD Czech s.r.o. inspector: Bilík Radomír

Attachments: Product-type testing report
initial inspection checklist

TÜV SÜD Czech s.r.o. TÜV SÜD - 34 - NOTIFIED BODY 1017