



**Physical-Technical Testing Institute  
Ostrava - Radvanice**

## **Supplementary Type Certificate No. 6**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

# **FTZÚ 02 E 0349**

Product: **Coated conductive V-belt - profile SPC**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 02 E 0349 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

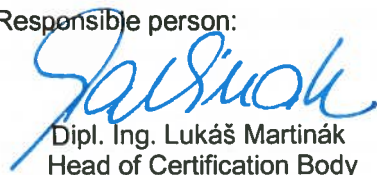
**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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This certificate is valid only for products described in this certificate and doesn't replace any other documents.  
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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 6 to FTZÚ 02 E 0349**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

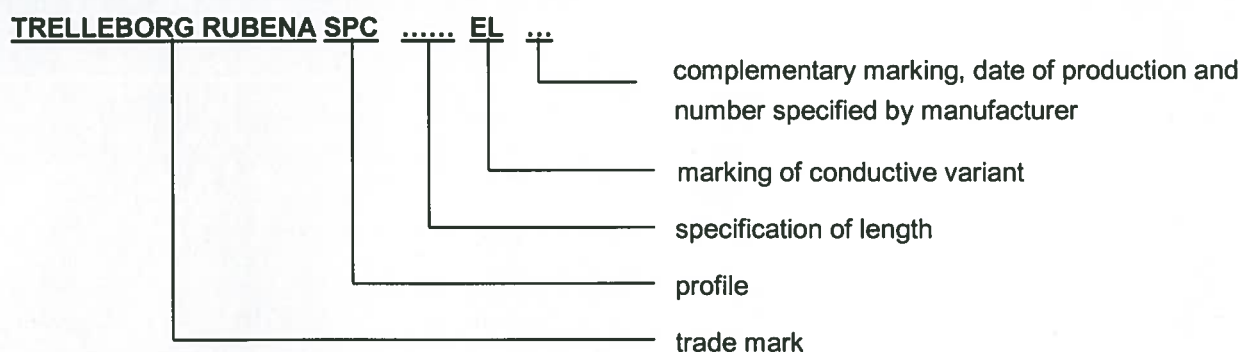
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile SPC (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 02 E 0349/2-6

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 6 to FTZÚ 02 E 0349**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Issue	Sheets	Date	Description
TA 5200.0000	3	2	22.05.2019	Coated conductive V-belts-industrial
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205245001 003	7	1	27.09.2016	Manufacturing procedure
62205246001 003	7	1	27.09.2016	Manufacturing procedure
62205249001 003	9	1	18.10.2017	Manufacturing procedure
62205249001 004	1	1	18.10.2017	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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Physical-Technical Testing Institute  
Ostrava - Radvanice

## Supplementary Type Certificate No. 5

about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU

Type Certificate number:

**FTZÚ 04 E 0002**

Product: **Coated conductive V-belt - profile 20**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 04 E 0002 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

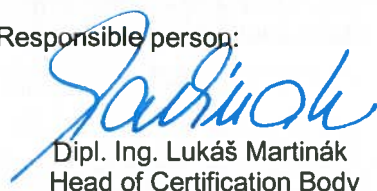
**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 5 to FTZÚ 04 E 0002**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

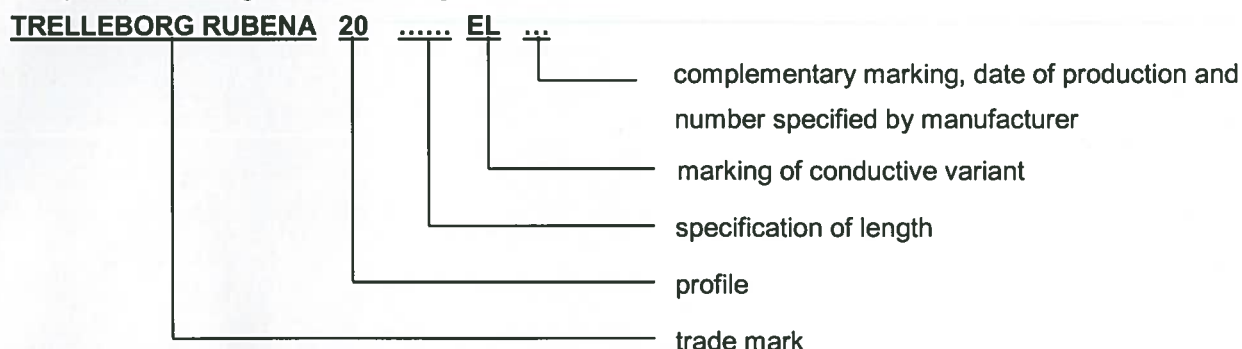
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile 20 (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 04 E 0002/2-5

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 5 to FTZÚ 04 E 0002**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205446001 003	10	1	13.03.2020	Manufacturing procedure
62205449001 001	7	1	19.01.2017	Manufacturing procedure
62205449001 003	10	1	13.03.2020	Manufacturing procedure
62205449001 004	1	1	19.01.2017	Manufacturing procedure
62205449001 005	1	1	09.07.2019	Manufacturing procedure

Responsible person:

*Lukáš Martinák*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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Physical-Technical Testing Institute  
Ostrava - Radvanice

## Supplementary Type Certificate No. 5

about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU

Type Certificate number:

**FTZÚ 04 E 0004**

Product: **Coated conductive V-belt - profile 25**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

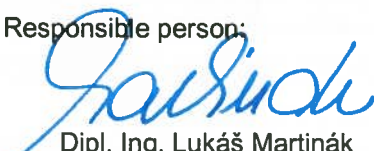
**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 5 to FTZÚ 04 E 0004**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

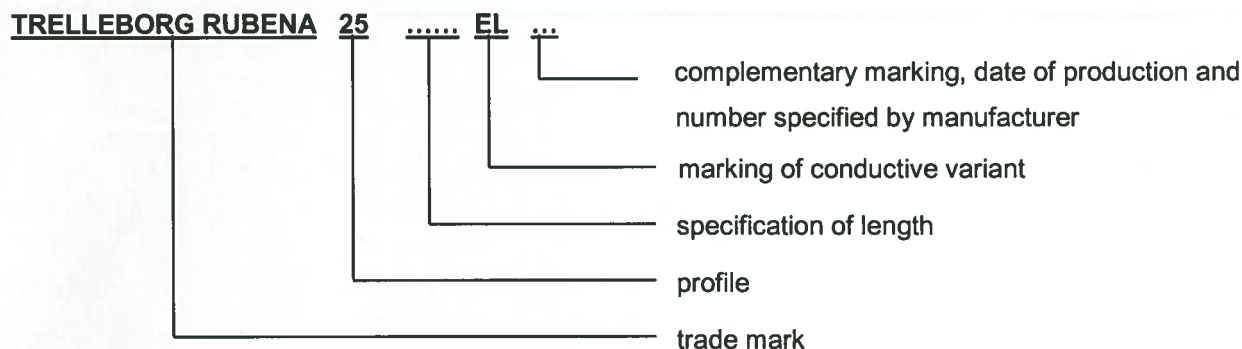
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile 25 (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 04 E 0004/2-5

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 5 to FTZÚ 04 E 0004**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205459001 001	5	1	19.01.2017	Manufacturing procedure
62205459001 003	6	1	19.01.2017	Manufacturing procedure
62205459001 004	2	1	09.03.2020	Manufacturing procedure
62205455001 003	7	1	19.01.2017	Manufacturing procedure
62205456001 003	8	1	19.01.2017	Manufacturing procedure
62205452001 003	7	1	19.01.2017	Manufacturing procedure
62205458001 001	1	1	20.01.2016	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

# **FTZÚ 07 E 0038**

Product: **Coated conductive V-belt - profile A**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0038 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

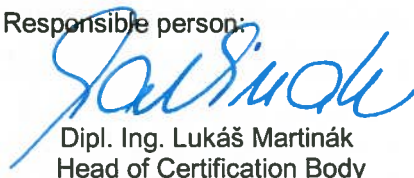
**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0038**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

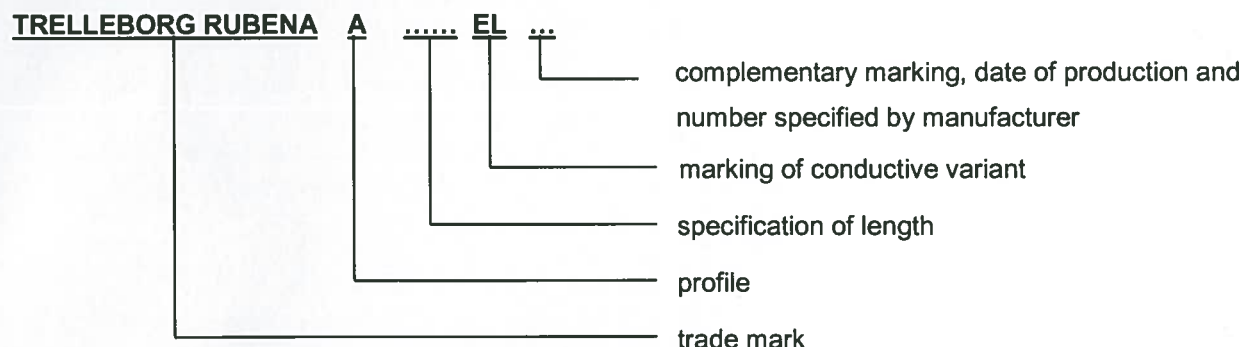
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile A (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0038/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

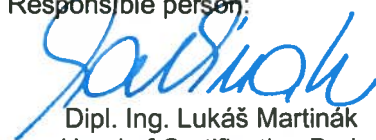
**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0038**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205321001 001	9	1	21.06.2018	Manufacturing procedure
62205321001 004	2	1	21.06.2018	Manufacturing procedure
62205322001 001	2	1	21.06.2018	Manufacturing procedure
62205325001 001	5	1	07.10.2016	Manufacturing procedure
62205325001 003	6	1	07.10.2016	Manufacturing procedure
62205326001 001	7	1	05.10.2016	Manufacturing procedure
62205326001 003	7	1	07.10.2016	Manufacturing procedure
62205329001 001	9	1	21.06.2018	Manufacturing procedure
62205329001 001	9	1	21.06.2018	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

**FTZÚ 07 E 0039**

Product: **Coated conductive V-belt - profile B**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0039 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:


**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0039**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

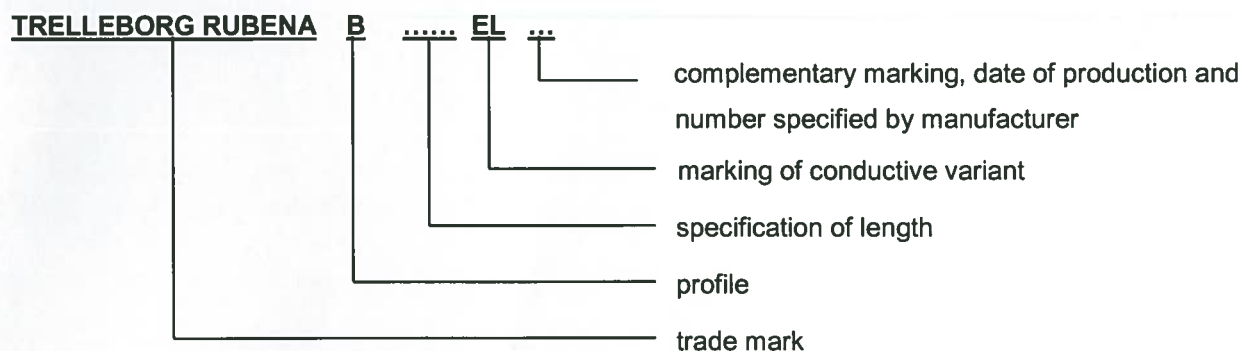
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile B (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0039/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

*Gašpár*  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

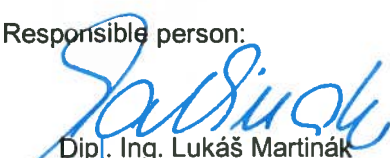
**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0039**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205331001 001	10	1	11.10.2016	Manufacturing procedure
62205332001 001	2	1	19.10.2018	Manufacturing procedure
62205332001 003	1	1	18.07.2016	Manufacturing procedure
62205332001 004	1	1	19.10.2018	Manufacturing procedure
62205336001 001	10	1	19.10.2018	Manufacturing procedure
62205336001 003	12	1	23.09.2020	Manufacturing procedure
62205336001 004	1	1	19.10.2018	Manufacturing procedure
62205336001 005	1	1	23.09.2020	Manufacturing procedure
62205338001 001	4	1	12.01.2017	Manufacturing procedure
62205339001 001	11	1	19.10.2018	Manufacturing procedure
62205339001 003	9	1	23.09.2020	Manufacturing procedure
62205339001 004	1	1	19.10.2018	Manufacturing procedure
62205339001 005	1	1	23.09.2020	Manufacturing procedure
62206841001 003	6	1	06.04.2017	Manufacturing procedure
62207731001 003	6	1	07.04.2017	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

**FTZÚ 07 E 0040**

Product: **Coated conductive V-belt - profile C**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0040 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0040**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

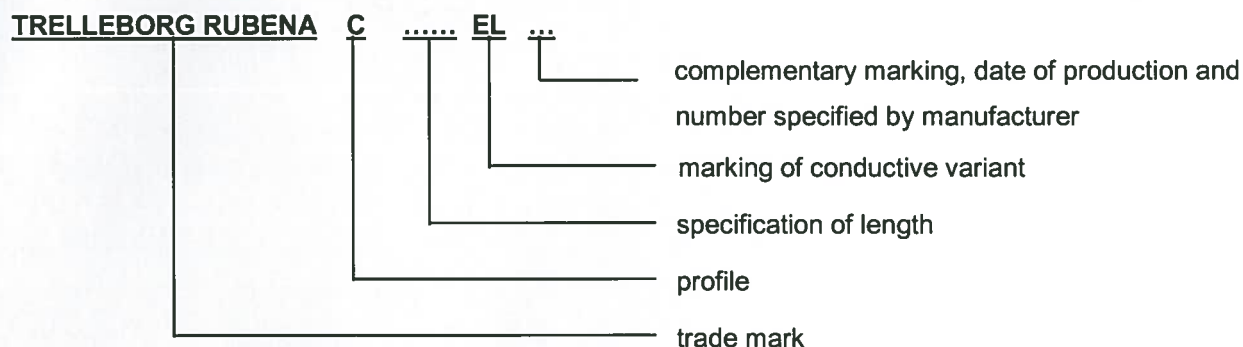
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile C (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0040/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0040**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205346001 001	4	1	07.11.2018	Manufacturing procedure
62205346001 003	10	1	23.05.2019	Manufacturing procedure
62205346001 004	3	1	30.06.2017	Manufacturing procedure
62205349001 001	9	1	01.06.2017	Manufacturing procedure
62205349001 003	11	1	23.05.2019	Manufacturing procedure
62205349001 004	3	1	30.06.2017	Manufacturing procedure
62206342001 003	5	1	18.01.2017	Manufacturing procedure
62206344001 003	1	1	26.11.2018	Manufacturing procedure
62207344001 003	1	1	26.02.2018	Manufacturing procedure
62207345001 003	5	1	18.01.2017	Manufacturing procedure

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

# **FTZÚ 07 E 0041**

Product: **Coated conductive V-belt - profile D**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0041 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0041**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

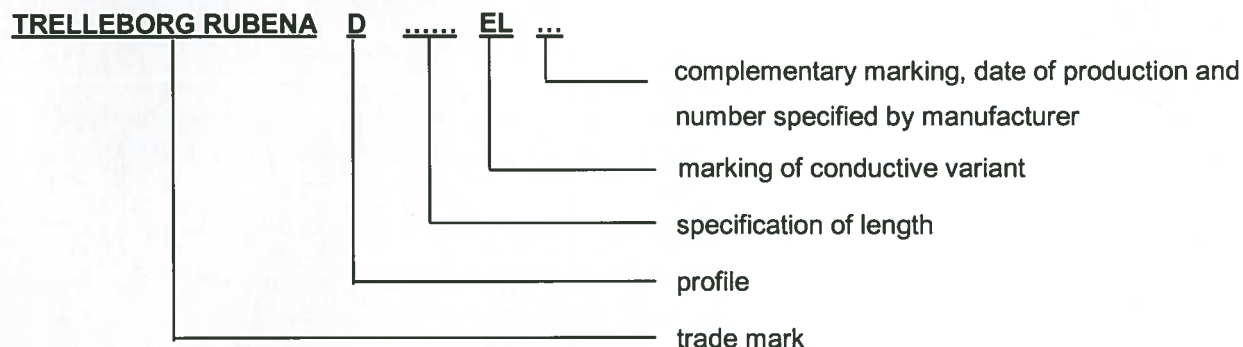
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile D (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:




Test report No.: 07 E 0041/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava – Radvanice**

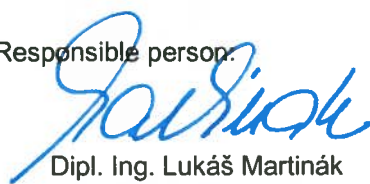
**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0041**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205356001 003	7	1	11.11.2020	Manufacturing procedure
62205356001 004	1	1	11.11.2020	Manufacturing procedure
62205357001 003	7	1	28.11.2018	Manufacturing procedure
62205358001 003	1	1	31.10.2017	Manufacturing procedure
62205359001 003	8	1	18.10.2017	Manufacturing procedure
62205359001 004	2	1	11.11.2020	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

**FTZÚ 07 E 0042**

Product: **Coated conductive V-belt - profile Z**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0042 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

*Lukáš Martinák*  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

Page: 1/3

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0042**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

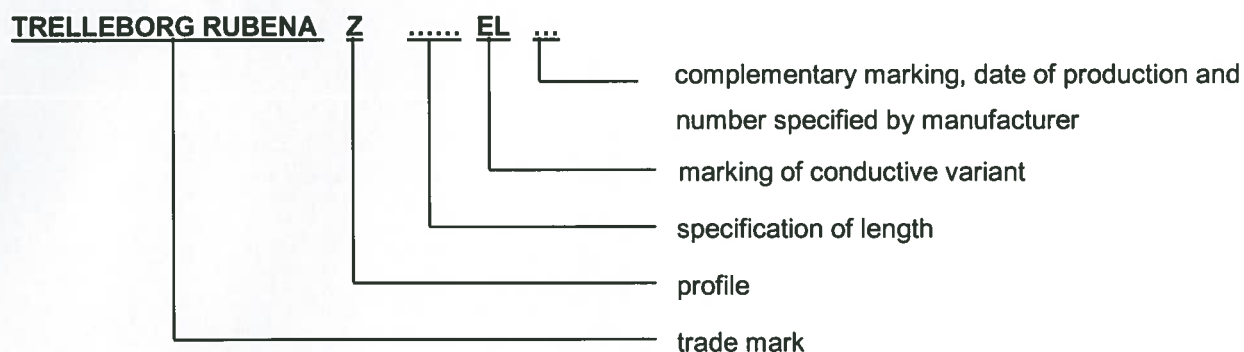
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile Z (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0042/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

*Lukáš Martinák*  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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Ostrava – Radvanice**

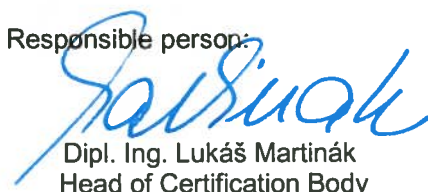
**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0042**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5300.0000	3	3	22.05.2019	Coated conductive V-belts-classic
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205311001 001	8	1	07.10.2016	Manufacturing procedure
62205311001 004	1	1	07.10.2016	Manufacturing procedure
62205316001 001	8	1	07.10.2016	Manufacturing procedure
62205319001 001	8	1	07.10.2016	Manufacturing procedure
62205319001 003	7	1	07.10.2016	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**• Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

**FTZÚ 07 E 0043**

Product: **Coated conductive V-belt - profile SPA**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0043 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0043**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

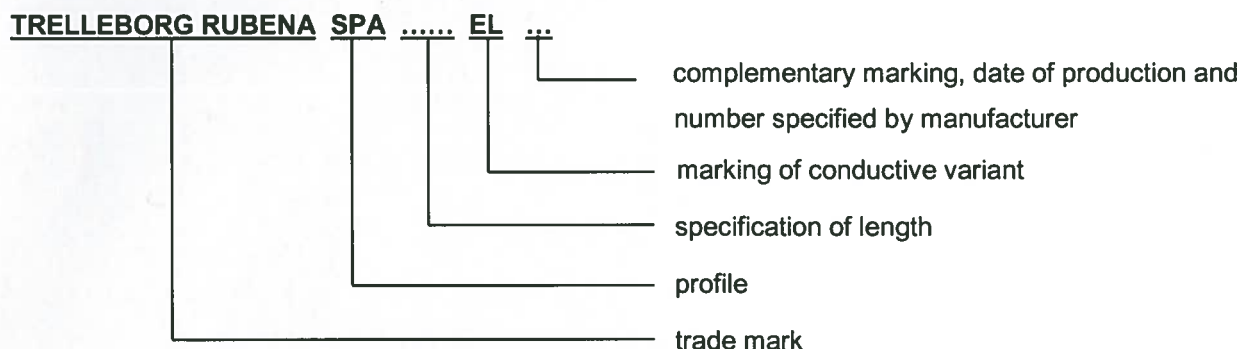
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile SPA (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0043/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0043**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Issue	Sheets	Date	Description
TA 5200.0000	3	2	22.05.2019	Coated conductive V-belts-industrial
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205221001 001	6	1	22.09.2016	Manufacturing procedure
62205226001 001	1	1	02.05.2016	Manufacturing procedure
62205226001 003	1	1	22.09.2016	Manufacturing procedure
62205229001 001	7	1	18.04.2018	Manufacturing procedure
62205229001 003	7	1	18.04.2018	Manufacturing procedure
62205229001 004	1	1	18.04.2018	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava - Radvanice**

## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

**FTZÚ 07 E 0044**

Product: **Coated conductive V-belt - profile SPB**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0044 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:

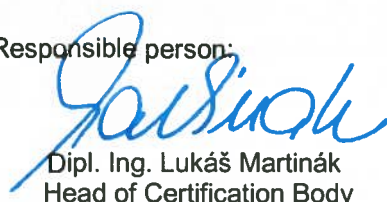
**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0044**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

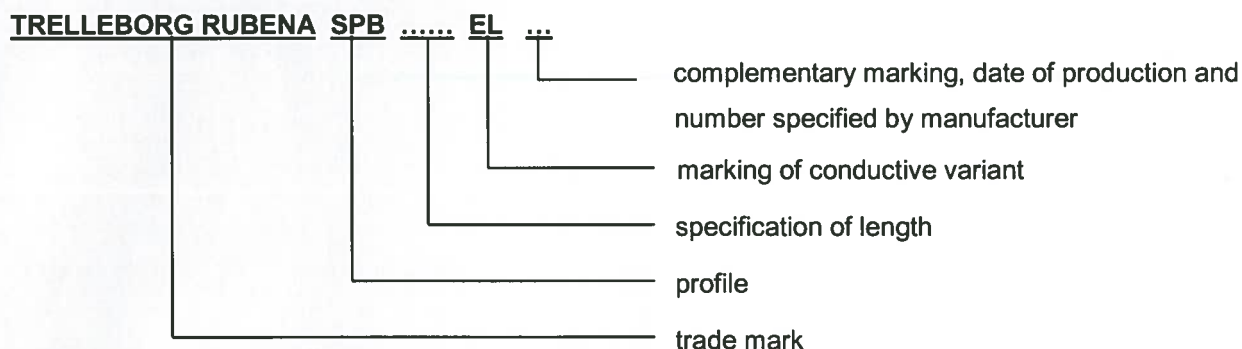
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile SPB (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0044/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute**  
**Ostrava – Radvanice**


**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0044**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5200.0000	3	2	22.05.2019	Coated conductive V-belts-industrial
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205232001 003	8	1	27.09.2016	Manufacturing procedure
62205235001 003	7	1	27.09.2016	Manufacturing procedure
62205236001 001	8	1	03.10.2016	Manufacturing procedure
62205236001 003	10	1	11.07.2018	Manufacturing procedure
62205236001 004	1	1	03.10.2016	Manufacturing procedure
62205239001 001	7	1	07.09.2016	Manufacturing procedure
62205239001 003	8	1	31.08.2017	Manufacturing procedure
62205239001 004	1	1	07.09.2016	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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## **Supplementary Type Certificate No. 3**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

**FTZÚ 07 E 0045**

Product: **Coated conductive V-belt - profile SPZ**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 07 E 0045 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:


**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0045**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

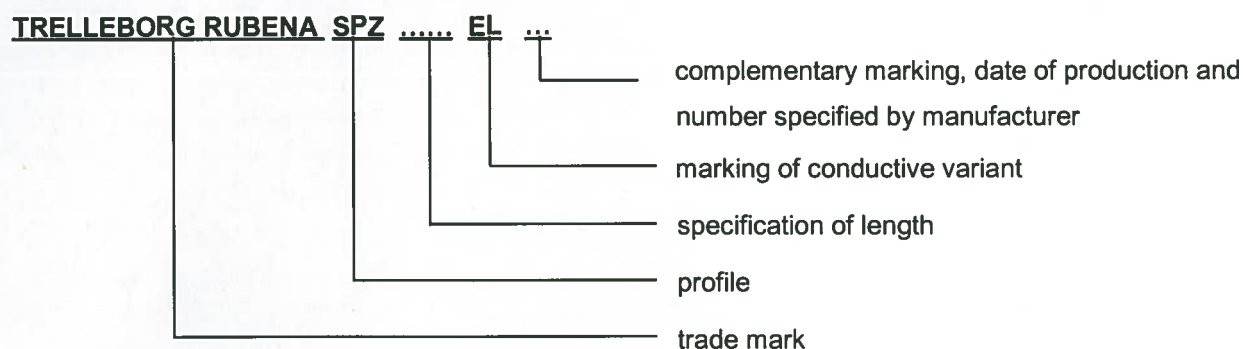
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The coated conductive V-belt profile SPZ (next V-belt only), is a V-belt, its conductivity complies with requirements of ISO 1813 and ČSN 341382. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 07 E 0045/2-4

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 29.03.2021

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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

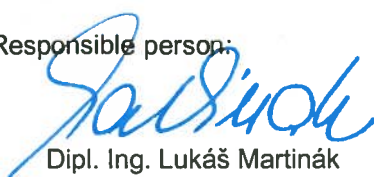
**Supplementary Type Certificate No. 3 to FTZÚ 07 E 0045**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Number	Version	Sheets	Date	Description
TA 5200.0000	3	2	22.05.2019	Coated conductive V-belts-industrial
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62205211001 001	6	1	24.05.2016	Manufacturing procedure
62205211001 004	1	1	24.05.2016	Manufacturing procedure
62205216001 001	1	1	05.02.2020	Manufacturing procedure
62205219001 001	6	1	09.01.2017	Manufacturing procedure
62205219001 003	7	1	09.01.2017	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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## **Supplementary Type Certificate No. 2**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Type Certificate number:

# **FTZÚ 14 E 0019**

Product: **Coated conductive V-belt, 4-HC multiple belt**

Manufacturer: **Rubena Náchod, s.r.o.**

Address: **Českých bratří 338, 547 01 Náchod, Czech Republic**

This supplementary certificate extends Certificate No. FTZÚ 14 E 0019 to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

Physical-Technical Testing Institute, Certification Body No. 3051 accredited by ČIA o.p.s. Prague according to ČSN EN ISO / IEC 17065: 2013 confirms that the above mentioned product is in conformity with the requirements of the following standards:


**ISO 1813:2014; ČSN 341382:1988; CLC/TR 60079-32-1:2018**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in this certificate and for successful performance of all specified routine tests and verification.

This supplementary certificate relates only to verification of electrostatic properties of the product. Further requirements can be applied to the manufacturing process and supply of this product. These are not covered by this certificate.

This certificate is valid till: **31.03.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 2 to FTZÚ 14 E 0019**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

Description of product changes:

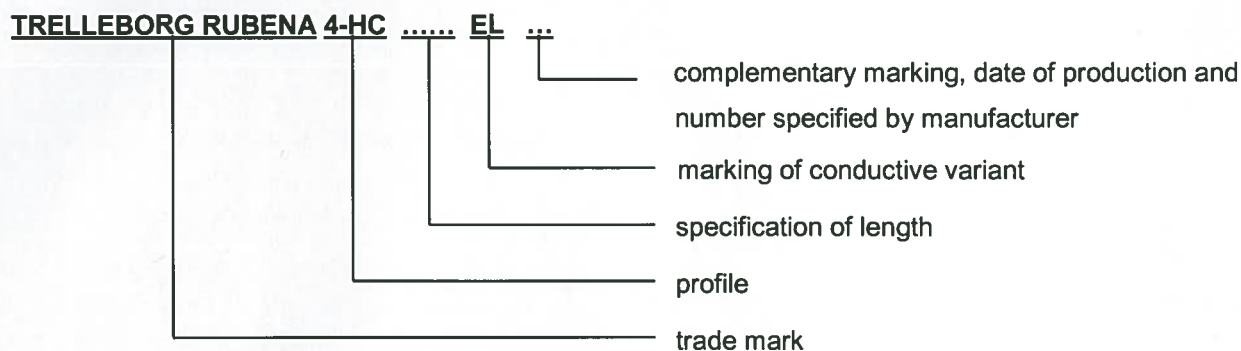
The subject of this supplementary certificate is:

- product recertification according to the requirements of the mentioned standards,
- prolongation of certificate validity,
- manufacturer name change.

The joined V-belt, 4-HC multiple belt type is a quadruplicate (four-line) V-belt, its conductivity complies with requirements of ISO 1813 standard. According to CLC/TR 60079-32-1 clause 6.4.3, the V-belt is classified as dissipative.

In the V-belts production documentation some changes have been made, recorded in the documents listed in documentation list of this certificate. The changes do not affect the product properties being assessed.

The product marking and its meaning:



Test report No.: 14 E 0019/2-3

Essential conditions for use in hazardous areas:

The requirements specified in CLC/TR 60079-32-1 clause 6.4.3 and EN ISO 80079-37 clause 5.8.2 are valid to use of V-belts in hazardous areas.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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**Physical-Technical Testing Institute  
Ostrava – Radvanice**

**Supplementary Type Certificate No. 2 to FTZÚ 14 E 0019**

**about verification of electrostatic properties  
according to scheme Annex VIII of Directive 2014/34/EU**

List of documentation:

Číslo	Verze	Strany	Datum	Název
TA 5400.0000	1	2	22.05.2019	Coated conductive V-belts-classic multiple
Z-09.202	4	2	04.09.2015	Production of coated conductive V-belts
TA 1222.0106	2	1	02.09.2017	Basic physical and mechanical values of mixtures
PP-10.001.069	3	2	02.09.2016	V-belts surface resistance determination
TA 6300.0002	3	1	02.09.2016	Values of surface resistance of mixture, rubbered textile and coated conductive V-belts
62206384001 003	5	1	07.04.2017	Manufacturing procedure
62206394001 003	5	1	12.04.2017	Manufacturing procedure
62207474001 001	5	1	13.04.2017	Manufacturing procedure

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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