

TYPE CERTIFICATE



Czech

Registration Number 05.241.249

issued for the manufacturer:

Arrow line, a.s.
1. máje 34/120, blok C
CZ - 703 00 Ostrava - Vítkovice
Ident. No.: 61058548

for the product:

| | |
|--------------------------|---|
| Name: | Rope shunting equipment LTV-NV |
| Type designation: | LTV – NV |
| Modification: | - |
| Place of the production: | Strojírny Bohdalice a.s. CZ - 683 41 Bohdalice č.p. 63 |

at which the certification in accordance with the certification schema Instruction ISO/IEC 67 – System 3 according to the certification system of TÜV SÜD Czech was carried out which results are stated in the Evaluation report No. 05.238.300 from 2011-08-31.

The product type mentioned above fulfils the applicable requirements of following regulations/standards which was the basis for its evaluation:

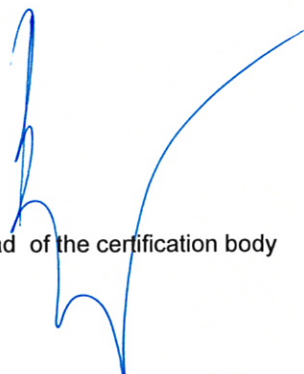
Directive of the European Parliament and Council 2006/42/EC (Decree of the Government No. 176/2008 Coll.), ČSN EN ISO 4413:2011, ČSN EN 60204-1 ed. 2:2007

This certificate is valid till: **2016-09-22**

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, 2011-09-22




 Head of the certification body

1. The product specimen was entered for evaluation and type certification on 2011-08-25.
2. The Certificate was issued on the basis of documents provided by the client: appliance for certification of 2010-08-19.
3. The manufacturer is holder of the Certificate ČSN EN ISO 9001:2009 issued by TÜV SÜD Czech reg. number 02.196.186 of 2010-09-30, number of the audit report 0366/70/10/QM/AZ/C.
4. Detailed technical data characterizing the product type:

| | |
|----------------------------------|-----------------------------------|
| Maximum weight of the set: | 3000 t |
| Maximum number of loaded wagons: | max. 30 |
| Shunting car minimum dimension: | 3000x 2200x1250 mm (lxwxh) |
| Weight of the car: | min. 10 t |
| Power: | 5,5÷ 30 kW |
| Rope diameter: | 16-30 mm |

5. The list of important parts of the technical documentation is given in the Evaluation report registration number 05.238.300 of 2011-08-31.
6. Validity Conditions:
 - The certificate shall only promote its holder, the product and production places mentioned therein.
 - The transmission of this certificate to third parties is inadmissible as well as its use by third parties.
 - TÜV SÜD Czech shall be immediately notified about any product modifications compared to the certified specimen. This fact may cause the certificate continuation dependent on an additional conformity evaluation.
 - TÜV SÜD Czech shall supervise the proper functioning of the Quality System at the manufacturer one time per one year deadline on the basis of a concluded contract about the controlling activity.
 - The certificate shall apply for the period of five years from the date of its issue and can be renewed on demand.
 - The certificate shall only be reproduced complete including all annexes.
 - The right to use trademark TÜV SÜD Czech was not established to the certificate.
 - The certificate holder commits to keep records of all relevant complaints concerning the conformity of the products with the requirements of regulations and standards and make those records available to the certification body TÜV SÜD Czech.
 - Not specified items (advertising, use of trademark and certificates) are governed by the General Conditions for Product Certification, as amended.

