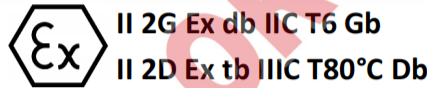




## EU-TYPE EXAMINATION CERTIFICATE

- 1)
- 2) Equipment or protective system intended for use in potentially explosive atmospheres — Directive 2014/34/EU
- 3) EU-Type Examination Certificate Number : **SCA25ATEX367X**
- 4) Equipment or Protective System : **Flameproof Encoder**, TYPE: **ENB-YB**
- 5) Manufacturer : **Worldhoists (Tianjin) Corp., Ltd.**
- 6) Manufacturer Address : No.1, Minfeng Road, Jingbin Industrial Park, Wuqing District, Tianjin, P.R.CHINA
- 7) This equipment or protective system and/or any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.
- 8) SCA Belgelendirme ve Özel Eğt. Hizm. Ltd. Şti. Notified Body number 2336 in accordance with the Council Directive 2014/34/EU, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment or protective system intended for use in potentially explosive atmospheres given in 2014/34/EU.  
\* The examination and test results are recorded in the confidential report B/2024-03-043/01/Rp.02
- 9) Essential Health and Safety Requirements is made about reference standards.  
EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-31:2024
- 10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.
- 11) This EU-Type examination certificate relates only to the design and construction of the specified equipment or protective equipment in the scope of 2014/34/EU. Future requirements of the Directive applies to the production process and the provision of equipment or protective system. These are not discussed in this certificate.
- 12) Marking of the equipment or protective system must include the following :



*Emre Kocuklu*  
Digitally  
Signed

The competent person  
SCA Technical Manager  
Emre KOCUKLU



Date of Approval : 13.03.2025

SCA Belgelendirme ve Özel Eğitim Hizmetleri Ltd. Şti.  
Küçükçiftliği Mah. 8785/1.Sokak No:17 Çiğli-İZMİR / TÜRKİYE  
Phone: 0090 (232) 489 02 12 Fax: 0090 (232) 489 02 17  
www.scaatex.com e-mail: info@scaatex.com

This Certificate May Only Be Reproduced In Its Entirety And Without Change



### 13) SCHEDULE

14) EU-Type Examination Certificate : SCA25ATEX367X

#### 15) Description of Equipment and/or Protective System:

Encoder is a sensor that converts the mechanical geometric displacement on the input shaft into pulse or digital quantity through photoelectric conversion.

Type ENB-YB flameproof encoder is composed of limit box, bearing seat, and spline shaft, with an encoder installed inside. Material for the construction of enclosure is gray cast iron.

Earthing facilities are provided, size M5.

#### Technical Parameters

Ambient temperature : -20°C to +40°C  
Degree of protection : IP66  
Rated voltage : 4.75-30 VDC  
Rated current : 50 mA

16) Test and Assessment Report B/2024-03-043/01/Rp.02

#### 17) Special Conditions for Safe Use :

i. Cable glands used for cable entries on equipment must have to following parameters and certification:

- "Ex db IIC Gb and Ex tb IIC Db " protection according to EN IEC 60079-0, EN 60079-1, EN 60079-31
- Minimum degree of protection IP 66 according to EN 60529
- Threaded entry size shall be in accordance with technical file and technical drawings

#### Notes for manufacturing and operation

i. The manufacturer shall carry out the routine overpressure test according to EN 60079-1:2014 Clause 16.

#### 18) Essential Health and safety Requirements :

Met by compliance with the standards listed in Section 9 of this certificate.

#### 19) Drawings and Documents :

Technical file WDH24ATEX2401/Rev.00 dated 10.03.2024 includes drawings, safety, maintenance and mounting instructions.

Drawing No	Title	Page	Rev.	Date
910023076	General Assembly	01	00	27.04.2020
80002345-04	Nameplate	01	00	09.07.2016

 Digitally  
Signed

The competent person  
SCA Technical Manager  
Emre KOCUKLU

Date of Approval : 13.03.2025