

[1] **EU - TYPE EXAMINATION CERTIFICATE**
[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU

- [3] EU – Type Examination Certificate Number ACE26ATEX009X Rev00
- [4] Product Explosion-proof oil spill detector camera Model: NT200-LD
- [5] Manufacturer Tongxin Intelligent Technology (Tianjin) Co.,Ltd.
- [6] Address Room 404, Block 1, Chuangzhan Building, 334 Animation Middle Road, Sino-Singapore Tianjin Eco-city, Binhai New Area, Tianjin 300450
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive
The examination and test results are recorded in the confidential Report nº. EX_EXD001_26_26-438, EX_EXT003_26_26-438
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements
EN 60079-1:2014: Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’
EN 60079-31:2014: Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure ‘t’
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This EU – Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:



II 2G Ex db IIC T6 Gb, II 2D Ex tb IIIC T80°C Db

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Date: 23/04/2026



Advanced Consulting and Engineering
Iberia SL
Notified Body No NB3024
Matteo Marconi, CEO

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[13] **SCHEDULE**

[14] EU-Type Examination Certificate No: ACE26ATEX009X Rev00

[15] Description of equipment

NT200-LD Explosion-proof oil spill detector camera has four compartments with type of protection “db”, “tb”. The equipment is mainly composed of an upper housing compartment, a lower housing compartment, a camera compartment and a detector compartment.

The material of main enclosure is SUS316L. The upper housing compartment is mainly made of a top cover, an upper cylinder housing and a turntable; motor assembly is mounted within the enclosure. The lower housing compartment is mainly made of a lower cylinder housing and a bottom cover; power supply module is mounted within the enclosure.

The camera compartment is mainly made of a camera cylinder housing, a front cover, a rear cover and transparent parts; camera assembly is mounted within the enclosure. The fill light cylinder body and wiper assembly are welded on the camera cylinder body form a compartment with the camera cylinder body, fill light module and wiper motor are mounted within the enclosure.

The detector compartment is mainly made of a detector cylinder housing, a front cover, a rear cover and a transparent part, detector assembly is mounted within the enclosure.

There is an entry hole provided on the lower housing used certified cable gland (with sealing ring in silicone) under INERIS 12ATEX0032X.

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE26ATEX009X Rev00

[16] Test documents are listed in the test report nº
EX_EXD001_26_26-438, EX_EXT003_26_26-438

[17] Special conditions for safe use
1. The flameproof joints are not intended to be repaired.
2. Use fasteners with yield stress $\geq 450\text{MPa}$.

[18] Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
Final assembly drawing	Z05-CTGB-RD-2025-301	V0	2025.5.10
Detector cylinder housing	Z05-CTGB-RD-2025-302	V0	2025.5.10
Camera cylinder front cover	Z05-CTGB-RD-2025-303	V0	2025.5.10
Camera cylinder front cover pressing ring	Z05-CTGB-RD-2025-304	V0	2025.5.10
Camera cylinder front cover rubber pad	Z05-CTGB-RD-2025-305	V0	2025.5.10
Detector cylinder transparent part	Z05-CTGB-RD-2025-306	V0	2025.5.10
Detector cylinder sunshade	Z05-CTGB-RD-2025-307	V0	2025.5.10
Wiper shaft copper sleeve	Z05-CTGB-RD-2025-308	V0	2025.5.10
Wiper shaft	Z05-CTGB-RD-2025-309	V0	2025.5.10
Wiper shaft outer cover	Z05-CTGB-RD-2025-310	V0	2025.5.10
Wiper assembly	Z05-CTGB-RD-2025-311	V0	2025.5.10
Camera cylinder rear cover	Z05-CTGB-RD-2025-312	V0	2025.5.10
Camera cylinder transparent part	Z05-CTGB-RD-2025-313	V0	2025.5.10
Camera cylinder housing	Z05-CTGB-RD-2025-314	V0	2025.5.10
Fill light transparent part	Z05-CTGB-RD-2025-315	V0	2025.5.10
Fill light cover	Z05-CTGB-RD-2025-316	V0	2025.5.10
Camera cylinder sunshade	Z05-CTGB-RD-2025-317	V0	2025.5.10
Top cover	Z05-CTGB-RD-2025-318	V0	2025.5.10
Side shaft copper sleeve	Z05-CTGB-RD-2025-319	V0	2025.5.10
Upper cylinder housing	Z05-CTGB-RD-2025-320	V0	2025.5.10

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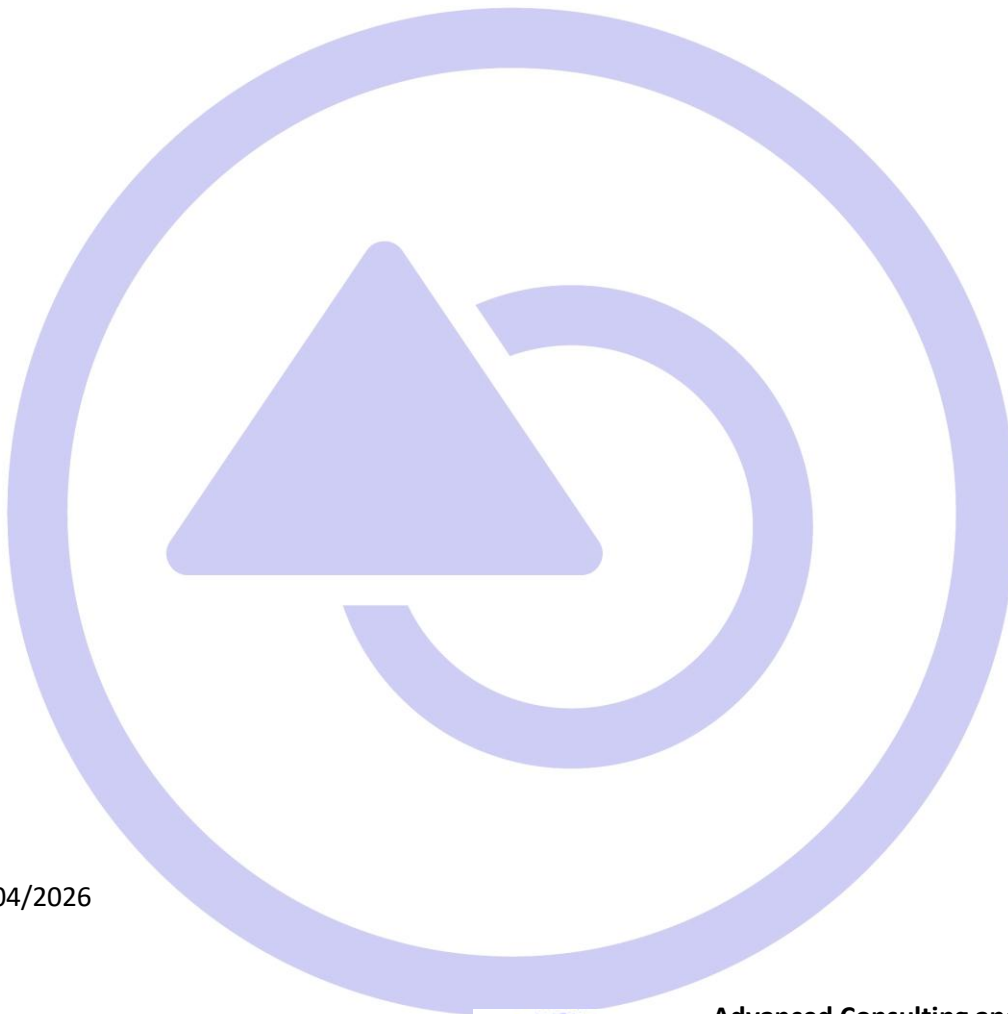
Turntable	Z05-CTGB-RD-2025-321	V0	2025.5.10
Lower cylinder housing	Z05-CTGB-RD-2025-322	V0	2025.5.10
Lower shaft copper sleeve	Z05-CTGB-RD-2025-323	V0	2025.5.10
Bottom cover	Z05-CTGB-RD-2025-324	V0	2025.5.10
Detector cylinder rear cover	Z05-CTGB-RD-2025-325	V0	2025.5.10
Detector cylinder front cover	Z05-CTGB-RD-2025-326	V0	2025.5.10
Detector cylinder pressure ring	Z05-CTGB-RD-2025-327	V0	2025.5.10
Detector cylinder rubber pad	Z05-CTGB-RD-2025-328	V0	2025.5.10
Grounding plate	Z05-CTGB-RD-2025-329	V0	2025.5.10
Nameplate	Z05-CTGB-RD-2025-330	V0	2025.5.10
Fill light cover pressing ring	Z05-CTGB-RD-2025-331	V0	2025.5.10
Fill light cover rubber pad	Z05-CTGB-RD-2025-332	V0	2025.5.10
User Manual	S/TX.006-2025	A/0	2025.5.10
Glass bonding process	G/TX.004-2025	A/0	2025.5.10
CXK-666/6060 cemented material datasheet	/	/	/
Performance test report of NBR	/	/	/
CM7018 Lubricants datasheet	/	/	/
204-1 anti-rust grease datasheet	/	/	/
SUS 316L datasheet	/	/	/
HPb59-3 datasheet	/	/	/
Cable gland ATEX Certificate	INERIS 12ATEX0032X	06	2020.12.18
IECEX report	Report No: CN/PCET/ExTR25.0029/00 Lab: Supervision & Test Center of Ex-products of China Petroleum & Chemical Industry (PCEC)	0	2026.3.11

The documents above-mentioned are strictly confidential and they are of only use of authorities.
A copy of the documents are saved by A.C.&E. Iberia S.L.

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[20] Declaration of conformity History

Number of certificate	Rev.	Comments	Date
ACE26ATEX009X	00	First emission	23/04/2026



Date: 23/04/2026



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

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