

EU-TYPE EXAMINATION CERTIFICATE**Equipment or Protective System Intended for use in Potentially explosive atmospheres
Directive 2014/34/EU**3. EU-Type Examination Certificate Number: **EESF 20 ATEX 016X**4. Product: **Local control panel for valve controller**Certified types: **LTB91H**5. Manufacturer: **Neles Finland Oy**6. Address: **Vanha Porvoontie 229, FI-01380 Vantaa, Finland**

7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Eurofins Expert Services Oy, Notified Body number 0537, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the 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 confidential report No. **EUFI29-20001828-T1**.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018**EN 60079-11:2012**

10. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to 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 product shall include the following:

**II 2G Ex ia IIC T6...T4 Gb**

Espoo, 29.05.2020

Eurofins Expert Services OyJenni Hirvelä
Senior ExpertKari Koskela
Senior Expert

This document is digitally signed.



13. **Schedule**

14. **EU-Type Examination Certificate EESF 20 ATEX 016X**

15. **Description of Product**

Local control panel LTB91H is intended to be used with Metso Flow Control ND9000H_P model valve controller. The LTB91H incorporates PST start button (off-mom.) for initiating partial stroke test function of the controller and screw connectors for connection of Exi-barrier and ND9000H_P position transmitter (PT) interface.

Electrical data:

Ui = 28 V li = 120 mA Pi = 1000 mW

(Ci and Li negligible)

16. **Report Number**

EUF129-20001828-T1

17. **Specific Conditions of Use**

The allowed ambient temperature ranges are:

T6: -53 °C ... +50 °C

T5: -53 °C ... +65 °C

T4: -53 °C ... +80 °C

To avoid ignition hazard the aluminium enclosure shall be protected from impacts and friction.

18. **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

19. **Drawings and Documents**

Doc.No.	Document Title	Issue	Date
F77118	Control Unit LTB91_ (Assy + parts)	B*	14.08.2018
DOO000003	Parts list, BAT_02 PCBA	A	22.09.2016
	BAT_02 Schematic	02	05.09.2016
	BAT_02 Assembly drawing top	02	05.09.2016
	LTB91H PCB Assembly Instructions	1.1	22.09.2016
	PCB Specification	1.0	07.09.2016
	BAT_02 Gerber	02	07.09.2016
F78052	Marking Label	C*	05.03.2020

20. **Certificate History**

Issue	Date	Report No.	Change
VTT 16 ATEX 046X	5.4.2017	VTT-S-01819-17	Original certificate
EESF 20 ATEX 016X	29.5.2020	EUF129-20001828-T1	NB name changed from VTT Expert Services to Eurofins Expert Services. Applicant name changed from Metso Flow Control to Neles Finland. *) Revised documents.