



EU-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive
2014/34/EU

1. **EU-Type Examination Certificate Number:** ITS13ATEX17777X **Issue 02**
2. **Product:** Conquest Motor Drive Control Panel Style 3678
3. **Manufacturer:** Akron Brass
4. **Address:** 343 Venture Blvd, Wooster, Ohio, 44691, USA
5. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
6. Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the 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 of the Directive.
7. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012, EN 60079-1:2007 and EN 60079-31:2009 except in respect of those requirements referred to within item 14 of the Schedule.
8. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
9. 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.
10. The marking of the product shall include the following:

II 2 G Ex d IIB T6 Gb
 II 2 D Ex tb IIIB T85°C Db
-20°C ≤ Tamb ≤ 60°C

Certification Officer: _____


P Moss

**In accordance with EC NOTICE TO STAKEHOLDERS
WITHDRAWAL OF THE UNITED KINGDOM AND EU RULES IN
THE FIELD OF INDUSTRIAL PRODUCTS dated 13 March 2020.**

This issued certificate - Certificate No: ITS13ATEX17777X

and supporting Technical Construction File underwent a legal transfer of new ownership by signed agreement between the named applicant on this certificate and the 3rd party bodies involved in the transfer from NB0359 to NB2575 on 16 December 2020
28th September 2020

Date: _____

Name: Fabrizio Massei

Position: ATEX Certification Officer

Signature: 

Date: 16 December 2020

SCHEDULE:

EU-Type Examination Certificate Number: ITS13ATEX17777X Issue 02

11. Description of Equipment or Protective System

The Motor Drive Control Panel Style 3678 comprises an Adalet Ex component approved enclosure, certificate number DEMKO 01ATEX0129472U, measuring approximately 328.4mm x 733.4mm x 885.8mm. The unit houses the following; transformer, terminals and a motor control circuit, the details of which are shown on drawing 90460 sheet 3 of 3. Both internal and external earthing is provided. The equipment has three M25, two M32 entries and one M40 entry on one side of the enclosure and utilises ATEX approved cable glands.

12. Report Number

Intertek Report: 104448616CHE-002 Dated: 21 September 2020.

13. Special Conditions of Certification

(a). Special Conditions of Use

- Only suitably approved Ex d IIB Gb/ Ex tb IIIB Db cable glands and blanking elements suitable for the ambient temperature range shall be used.
- No modifications must be made to the flamepaths of the unit without consultation of the manufacturer's drawings.
- Property class of fasteners must be at least 8.8, with a minimum yield stress of 640MPa.

(b). Conditions of Manufacture - Routine Tests

- None.

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 101101063MAN-001 Dated: December 2013, 103980098-003 Dated: 10 February 2020 and 104448616CHE-002 Dated 21 September 2020.

15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
ID Tag (ATEX Zone 1, 21 & 22)	44119	03	10-13
Motor Warning Tag (FM/ATEX)	A46977	00	4-13
*AC Conquest Drive Box Fabrication Drawing (Sheet 1 of 3)	90460	05	09/17
*AC Conquest Motor Control Unit Motor Drive Unit Layout (Sheet 2 of 3)	90460	05	09/17
*AC Conquest Drive Box Sub Panel Layout (Sheet 3 of 3)	90460	05	09/17

Note: * denotes drawings that are new or have been updated as part of this revision.

SCHEDULE:

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16. Details of Certificate changes

Issue	Date	Details of change
Original Issue	06 December 2013	Original issue. Report No 101101063MAN-001 Dated: December 2013.
Issue 1	14 February 2020	Minor drawing changes to the scheduled drawings for the equipment. Report No 103980098CHE-003 Dated: 10 February 2020.
Issue 2	This issue	Update to allow an alternative transformer and relay. Report No 104448616CHE-002 Dated: 21 September 2020.