



AIR TORQUE

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EU / UK DECLARATION OF CONFORMITY

In accordance with
Machinery Directive 2006/42/EC and U.K. Reg. S.I. 2008 No.1597 (as amended)
Atex Directive 2014/34/EU and U.K. Reg. S.I. 2016 No.1107 (as amended)
Pressure Equipment Directive (PED) 2014/68/EU and U.K. Reg. S.I. 2016 No.1105 (as amended)
 We: AIR TORQUE S.p.A. Via dei Livelli di Sopra, 8/11 - 24060 Costa di Mezzate (BG) Italy declare:

Machinery Directive 2006/42/EC (Art. 13) and U.K. Reg. S.I. 2008 No.1597 (as amended)

Declaration of incorporation of the partly completed machine (Annex II part B)

With reference to the Machinery Directive 2006/42/EC (Art. 2 point g) and U.K. Reg. S.I. 2008 No.1597 (as amended) (Part 2 point 6), the pneumatic actuators produced by Air Torque Spa listed below can be classified as "Partly completed machine". We hereby declare that the products specified below meet the basic health and safety requirements.

Before the actuators are put into operation, the machine into which the actuators will be installed, shall fulfill with the requirements of the Directive 2006/42/EC and U.K. Reg. S.I. 2008 No.1597 (as amended).

The essential requirements are applied in compliance with the following points of the Machinery Directive and U.K. Regulation:

1.1.3, 1.1.5, 1.2.1, 1.3.2, 1.3.4, 1.3.7, 1.3.8, 1.3.8.1, 1.4.1, 1.4.2.1, 1.5.1, 1.5.2, 1.5.3, 1.5.4, 1.5.7, 1.5.8, 1.6.1, 1.7.2, 1.7.3, 1.7.4

Description of the product line: Pneumatic/Hydraulic actuators AIR TORQUE AT-HD Series

Type: Double acting "D" and Spring return "S".

Actuator models: AT-HD series

Serial number: Each Air Torque actuator has a serial number for traceability.

For the use, installation and maintenance of the actuators described above, see the related manual instructions.

Atex Directive 2014/34/EU and U.K. Reg. S.I. 2016 No.1107 (as amended)

The pneumatic actuators produced by Air Torque Spa (AT-HD Series) are designed, produced and classified according to Atex Directive 2014/34/EU and U.K. Reg. S.I. 2016 No.1107 (as amended), (see actuator label and safety instructions); their use in areas with potentially explosive atmosphere is subject to the classification indicated on the label and in compliance with the relevant ATEX safety instructions.

Product marking (AT-HD Series)

Execution L, S

Execution H

Group I (Mine) UK CA CE Ex I M2 Ex h I Mb X
 Group IIB (Gas) UK CA CE Ex II 2 G Ex h IIB T6 ... T5 Gb X
 Group IIIC (Dust) UK CA CE Ex II 2 D Ex h IIIC T85°C ... T95°C Db X

Group I (Mine) UK CA CE Ex I M2 Ex h I Mb X
 Group IIB (Gas) UK CA CE Ex II 2 G Ex h IIB T6 ... T3 Gb X
 Group IIIC (Dust) UK CA CE Ex II 2 D Ex h IIIC T85°C ... T165°C Db X

Group I (Mine) UK CA CE Ex I M2 Ex h I Mb X
 Group IIC (Gas) UK CA CE Ex II 2 G Ex h IIC T6 ... T5 Gb X
 Group IIIC (Dust) UK CA CE Ex II 2 D Ex h IIIC T85°C ... T95°C Db X

Group I (Mine) UK CA CE Ex I M2 Ex h I Mb X
 Group IIB (Gas) UK CA CE Ex II 2 G Ex h IIC T6 ... T3 Gb X
 Group IIIC (Dust) UK CA CE Ex II 2 D Ex h IIIC T85°C ... T165°C Db X

Compliance has been verified on the basis of the requirements of the standards or normative documents indicated below:

EN 1127-1:2019

EN 15714-3:2009

EN 15714-4:2009

EN 80079-36:2016

EN 80079-37:2016

Technical file: **ATX19AT-HD**
 Technical file: **UKX21AT-HD**

Notified body (EU): **INERIS (0080)**
 Approved body (UK): **EUROFINS E&E CML Limited (2503)**

Pressure equipment directive (PED) 2014/68/EU and U.K. Reg. S.I. 2016 No.1105 (as amended)

Unless otherwise specified, the power cylinders of the pneumatic actuators AT-HD Series produced by AIR TORQUE S.p.A. are designed according to the criteria of Article 1 paragraph 2. j) ii) and they are suitable to be operated with Group 2 and Group 1 fluids provided that the fluids are compatible with internal parts.

Therefore, according to Article 1 paragraph 2. j) ii) of the 2014/68/EU directive and Part 1, section 4, schedule 1, paragraph 1. j) ii) of U.K. Regulation S.I. 2016 No. 1105 (as amended), the power cylinders are not to be considered as pressure equipment. Only under customer request, the power modules can be designed, produced and certified according to Module H of the pressure Equipment directive 2014/68/EU or UK Regulation S.I. 2016 No. 1105 (as amended).

Signed:

Name: *A. Marinoni*

Position: Managing Director I Design and Quality Manager
 AIR TORQUE S.p.A. - Italy