



ATEX

Directive 94/9/EC



1 **Certificate of Approval**

2 Sira Reference Number: **Sira 14E001** Issue: **0**
3 Products: **Leather case for Motorola DP4401 / 4801 ATEX (I/S) Digital Radio**
4 Manufacturer: **ATEX Global Ltd**
5 Address: **57 Ashgrove Road**
Ashford
Middlesex, TW15 1NS

6 The product has been assessed with reference to the regulations defined in Directive 94/9/EC and the Guidelines on the Application of Directive 94/9/EC, published by the European Commission (<http://ec.europa.eu/enterprise/atex/guide/index.htm>). Reference has been made to the following standards:

EN 1127-1 EN 13463-1

7 Sira has reviewed the design and construction of the products listed and determined the following:

- (a) The product may be installed and used in a potentially explosive gas atmosphere Zone 0, Zone 1 or Zone 2 or potentially explosive dust atmospheres Zone 20, Zone 21 or Zone 22.
- (b) The product does not require EC type examination or marking as defined by Directive 94/9/EC.

NOTES ON USE AND APPLICATION: The products do not have any moving parts, electrical circuits or other parts that would provide an effective ignition source under normal operation, expected malfunction or rare malfunction. The products do not have their own source of ignition and any ignition risks related to conditions of use are controlled by the end user. Therefore, it is Sira's opinion that the product does not fall within the scope of Directive 94/9/EC due to the lack of any potential ignition source inherent to the design and proper use of the finished product. The material the Leather case for Motorola 4801 ATEX (I/S) Digital Radio cover is manufactured from is electrically non-conductive and therefore subject to electrostatic build-up, which under certain extreme conditions could produce a discharge spark which may be capable of ignition, therefore the end user shall ensure that the equipment is not used in a way that might cause a build-up of electrostatic charge. The metallic parts of the Leather case for Motorola DP4401 / 4801 ATEX (I/S) Digital Radio are manufactured from non-sparking alloys which is the basis of preventing ignition causing sparks within an explosive environment. A comprehensive risk analysis pertaining to the particular application should be performed by a competent safety professional concerning the requirements of ATEX 99/92/EC Directive in order to determine total compliance with the Directive.

8 This statement of opinion relates only to the design and construction of the specified equipment with respect to Directive 94/9/EC.

9 Requirements of other EC Directives may apply to the design and construction of this equipment.

Project Number 51E32753
Date 07 January 2014

A C Smith
Certification Manager

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- 10 The manufacturing process relating this equipment has not been assessed and is not the subject of surveillance by Sira.
- 11 The manufacturer is not required to inform Sira of design changes and as such this statement relates only to the design, assessed as submitted prior to the date of this statement.
- 12 The definition of the scope of products falling within the scope of Directive 94/9/EC is ultimately the responsibility of the EU standing Committee for the Directive. Sira's opinion is offered in lieu of a specific consideration by the standing committee.
- 13 This statement of opinion does not preclude the application of local, national or international codes of practice for installation selection or maintenance for any products used in potentially explosive atmospheres.
- 14 Schedule of products examined:
Leather case for Motorola DP4401 / 4801 ATEX (I/S) Digital Radio

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