

IMPORTANT SAFETY INFORMATION

For Radio Models Certified to ATEX EC Directive 94/9/EC.

This supersedes CENELEC information in the Technical Manual, Section 10, Appendix A

ATEX INTRINSICALLY SAFE RADIOS

Certain VHF and UHF radio models are approved for use in Intrinsically Safe environments according to the ATEX EC Directive 94/9/EC. These models are marked with the approval number **Baseefa02ATEX0121**.

The Intrinsically safe protection rating for these models is **Ex II 2G EEx ib II BT4**. This is **NOT** equivalent to the protection rating provided by CENELEC approved models.



The following points **MUST** be observed to maintain the ATEX protection rating:

- **RADIO MUST BE OPERATED IN ITS LEATHER CASE AT ALL TIMES.** The radio should not be removed from its case in hazardous areas.
- **Use ONLY Motorola batteries with part number RNN4008AR.** Radio and battery are marked with a yellow spot to aid identification.
- Battery charging must occur **ONLY** in non - hazardous areas.
- Users are warned that batteries or radio should **NOT** be rubbed or cleaned with solvents to avoid any risk of ignition due to the build up of electrostatic charges.
- When the radio is used in a hazardous area, it is recommended that either the protective cover (part No. 3205514W01) for the universal connector or an approved accessory is fitted.
- No audio accessories can be connected to an ATEX radio unless they have an ATEX approval. Use only accessories that are approved to a minimum ATEX protection rating **Ex II 2G EEx ib II BT4**.
- An antenna with damaged insulation or with a missing end cap must **NOT** be used in a hazardous environment. It **MUST** be repaired or replaced.
- Servicing of intrinsically safe radios must be carried out **ONLY** by Motorola approved I.S. trained personnel, who are aware of the special parts required and the procedures necessary to maintain the ATEX conformance of the product. Contact your Motorola representative for details.

VHF Radios	UHF Radios
NUD7082D/IMUD9000A RFBoard	NUE7235D/IMUE9001A RFBoard
ETN4603B Open Controller	ETN4603B Open Controller
ETN4604A Closed Controller	ETN4604A Closed Controller
5102001J71 RF Power Amplifier	5102001J70 RF Power Amplifier
0104002J31 RF PA Flex-circuit	0104002J31 RF PA Flex-circuit
RNN4008AR Battery	RNN4008AR Battery
33-02022X03 Intrinsic Safety Label (Radio Base)	33-02022X03 Intrinsic Safety Label (Radio Base)
33-66500A03 Intrinsic Safety Label (Radio Front)	33-66500A03 Intrinsic Safety Label (Radio Front)

ATEX Battery

ATEX battery RNN4008AR provides two separate voltage and current limited supplies, 6.2V/200mA and 7.0V/1A. For servicing purposes, a special Battery Eliminator ELN1505A is required.