

You could void the ATEX certification of your radio by not using ATEX certified accessories.



The ATEX/IECEX standard has been developed to certify electronic devices for use in highly flammable environments.

Devices that emit radio frequencies are more susceptible to ignite flammable gases. It is therefore imperative that ATEX/IECEX certified radios are used in highly flammable environments.

Motorola offer ATEX/IECEX certified radios and accessories.

To maintain the integrity of the ATEX/IECEX certified radio, it is imperative that any accessories used in conjunction with the radio are also ATEX/IECEX certified.

Utilising non certified accessories could lead to catastrophic circumstances.

Ensure the safety of workers in highly flammable environments by ensuring that all your two-way radio accessories and radios are ATEX/IECEX certified.

The table below outlines specific certification ratings for radios and accessories that comply to the ATEX/IECEX standards.

ATEX (Explosible Atmospheres) – Directive 94/9/EC IECEX Certification scheme



ATEX / IECEX Gas Protection:

II	2	G	Ex Ex	ib ib	IIC IIC	T4 T4	ATEX Gas Protection IECEX Gas Protection
							T4 = Device surface temperature will not exceed 135°C
							IIC = Protected for gases of Gas group IIC that include Acetylene and Hydrogen
							ib = Type of intrinsic safety protection - one countable fault
							Ex = Explosion-protected equipment, certified to European ATEX Directive and the IECEX certification scheme
							G = Gas
							2 = High protection, Category 2 for gas zones 1 and 2
							II = Group II 'other' environments, (chemical industries, refineries, etc.)

Class T4 automatically covers classes T3, T2 and T1. Gas Group IIC includes Gas Groups IIA and IIB

ATEX / IECEX Dust Protection:

II	2D	Ex Ex	ibD ibD	21 21	IP6x IP6x	T90°C T90°C	ATEX Dust Protection IECEX Dust Protection
							Dust Zone 21
							Max peak RF power is < 2W
							IP Protection level for dust: IP6x
							Enclosure certified for dust Zone 21
							ibD - Dust protection by intrinsic safe circuit
							Explosion-protected equipment, certified to European ATEX Directive and IECEX
							2 = High protection, Category 2 equipment for dust zones 21 and 22. D = Dust
							II = Group II, other environments

GENUINE MOTOROLA ACCESSORIES WORKING AS ONE WITH YOUR RADIO, TIME AFTER TIME.