

# For Use in Hazardous Atmospheres

## Factory Mutual Non-Incendive and Intrinsically Safe Approved Models

The GP300 Portable Radios properly equipped with:

- The H73/H236 Option is approved by Factory Mutual (FM) Corporation as intrinsically safe for use in Classes I, II, and III Division 1, Groups C, D, E, F, and G.
- The H757 Option is approved by Factory Mutual (FM) Corporation as non-incendive for use in Class I, Division 2, Groups A, B, C, and D.

These options provide a radio label which lists the Class/Division/Group, and verifies the radio as being FM approved.

The intrinsically safe rating by Factory Mutual states that electrical equipment is incapable of releasing sufficient electrical or thermal energy, under normal or abnormal operating conditions, to cause ignition of specific hazardous atmospheres designated on the radio label.

### **WARNING**

**SUBSTITUTION OF COMPONENTS MAY IMPAIR THE INTRINSIC SAFETY OF THE RADIO.**

**Note:** Radios must ship from the Motorola factory equipped with the hazardous atmosphere options; they cannot be modified in the field.

Failure to use the radio with the approved battery will negate the FM approval. Factory Mutual approved radios can be used in those applications requiring reliable, two-way hand-held radios in the listed specific hazardous atmospheres. Motorola approved equipment and accessories are listed in the approval guide published yearly by Factory Mutual Corporation.