

# Portable Electronic Devices in Hazardous Areas

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**Table 3 / Summary of the classification scheme used by the National Fire Protection Association (NFPA), 2017 in the National Electrical Code (NEC)**

Some facilities classify the hazardous area based only on the Class and Division (i.e., Class I Div 1), while other facilities may designate down to the Group level (i.e., Class I Div 1 Group B).

<b>Table 3: NFPA 70 Definitions of Hazardous Locations</b>				
<b>Primary Hazard</b>	<b>Class</b>	<b>Division</b>	<b>Description</b>	<b>Groups</b>
<b>Flammable liquids, gases and/or vapors</b>	I	1	Locations where hazardous concentrations of flammable gases or flammable vapors may exist all the time, intermittently or periodically under normal operating conditions. This also includes when hazardous concentrations may exist frequently because of repair/maintenance operations and/or frequent breakdown or faulty equipment	Class I locations can be further broken down into Groups A, B, C, and D. The Groups are based on the relative values for the Maximum Experimental Safe Gap (MESG) and/or Minimum Igniting Current (MIC).
	I	2	Locations where volatile flammable liquids or gases may be handled, processed or used, but where these materials would normally be confined within closed	

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