

TRAINING NOTE

RXF-67

EXPLOSIVES HAZARD DIVISIONS AND COMPATIBILITY GROUPS

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Hazard Divisions

- 1.1 Substances and articles which have a mass explosion hazard
- 1.2 Substances and articles which have a projection hazard but not a mass explosion hazard
- 1.3 Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, but not a mass explosion hazard
- 1.4 Substances and articles which present no significant hazard
- 1.5 Very insensitive substances which have a mass explosion hazard
- 1.6 Extremely insensitive articles which do not have a mass explosion hazard

Compatibility Groups

- A** Primary explosive substance
- B** Article containing a primary explosive substance and not containing two or more independent safety features
- C** Propellant explosive substance or other deflagrating explosive substance or article containing such explosive substance
- D** Secondary detonating explosive substance or black powder or article containing a secondary detonating explosive substance, in each case without means of initiation and without a propelling charge, or article containing a primary explosive substance and containing two or more independent safety features
- E** Article containing a secondary detonating explosive substance, without means of initiation and with a propelling charge (other than a charge containing a flammable or hypergolic liquid)
- F** Article containing a secondary detonating explosive substance, with means of initiation, and either with a propelling charge (other than a charge containing a flammable or hypergolic liquid) or without a propelling charge
- G** A substance which is an explosive substance because it is designed to produce an effect by heat, light, sound, gas or smoke or a combination of these as a result of not-detonative self-sustaining exothermic chemical reactions or an article containing such a substance or an article containing both a substance which is explosive because it is capable by chemical reaction in itself of producing gas at such a temperature and pressure and at such a speed as could cause damage to surroundings and an illuminating, incendiary, lachrymatory or smoke-producing substance (other than a water-activated article or one containing white phosphorus, phosphide or a flammable liquid or gel)
- H** Article containing both an explosive substance and white phosphorus
- J** Article containing both an explosive substance and a flammable liquid or gel
- K** Article containing both an explosive substance and a toxic chemical agent
- L** Explosive substance or article containing an explosive substance and presenting a special risk needing isolation of each type
- N** Articles containing only extremely insensitive detonating substances
- S** Substance or article so packed or designed that any hazardous effects arising from accidental functioning are confined within the package unless the package has been degraded by fire, in which case all blast or projection effects are limited to the extent that they do not significantly hinder or prohibit fire-fighting or other emergency response efforts in the immediate vicinity of the package

Usual Combinations of Division and Group

Hazard Division	Compatibility Group												
	A	B	C	D	E	F	G	H	J	K	L	N	S
1.1	1.1A	1.1B	1.1C	1.1D	1.1E	1.1F	1.1G		1.1J		1.1L		
1.2		1.2B	1.2C	1.2D	1.2E	1.2F	1.2G	1.2H	1.2J	1.2K	1.2L		
1.3			1.3C			1.3F	1.3G	1.3H	1.3J	1.3K	1.3L		
1.4		1.4B	1.4C	1.4D	1.4E	1.4F	1.4G						1.4S
1.5				1.5D									
1.6												1.6N	