

Appendix B - Summary Table on Use of Industrial Trucks in Various Locations

Classes	Unclassified		Class I locations			Class II locations		Class III locations	
Description of classes	Locations not possessing atmospheres as described in other columns		Locations in which flammable gases or vapors are, or may be, present in the air in quantities sufficient to produce explosive or ignitable mixtures			Locations which are hazardous because of the presence of combustible dust		Locations where easily ignitable fibers are present but not likely to be in suspension in quantities sufficient to produce ignitable mixtures.	
Groups in classes	None	A	B	C	D	E	F	G	None
Examples of locations or atmospheres in classes and groups	Piers and wharves inside and outside general storage, general industrial or commercial properties	Acetylene	Hydrogen	Ethyl ether	Gasoline Naphtha Alcohols Acetone Lacquer solvent Benzene	Metal dust	Carbon black coal dust, coke dust	Grain dust, flour dust, starch dust, organic dust	Baled waste, cocoa fiber, cotton, excelsior, hemp, istle, jute, kapok, oakum, sisal, Spanish moss, synthetic fibers, and tow.

Summary Table on Use of Power Industrial Trucks in Various Locations-Continued

		1	2	1	2	1	2
Divisions (nature of hazardous conditions)	None	Above condition exists continuously, intermittently, or periodically under normal operating conditions	Above condition may occur accidentally as due to a puncture of a storage drum	Explosive mixture may be present under normal operating conditions, or where failure of equipment may cause the condition to exist simultaneously with arcing or sparking of electrical equipment, or where dusts of an electrically conducting nature may be present	Explosive mixture not normally present, but where deposits of dust may cause heat rise in electrical equipment, or where such deposits may be ignited by arcs or sparks from electrical equipment	Locations in which easily ignitable fibers or materials producing combustible materials are handled, manufactured, or used	Locations in which easily ignitable fibers are stored or handled (except in the process of manufacture).

Authorized uses of PITs by types in groups of classes and divisions

Groups in classes	None	A	B	C	D	A	B	C	D	E	F	G	E	F	G	None	None
Type of truck authorized:																	
Diesel:																	
Type D	D**																
Type DS									DS						DS		DS
Type DY									DY						DY	DY	DY
Electric:																	
Type E	E**																E
Type ES									ES						ES		ES

Type EE							EE						EE	EE	EE		
Type EX				EX			EX		EX	EX			EX	EX	EX		
Gasoline:																	
Type G	G**																
Type GS							GS						GS		GS		
LP-Gas:																	
Type LP	LP**																
Type LPS							LP S						LPS		LPS		
Paragraph Ref. in No. 505	210.21		201 (a)		203 (a)		209 (a)		204 (a), (b)		202 (a)	205 (a)		209 (a)	206 (a), (b)	207(a)	208 (a)