

Minimum Separation Distance in Metres from:-			Explosives	Gases – Flammable (DE) Ø	Gases – Non-flammable Ø Liquid Oxygen UN1073	Gases Non-flammable Ø Non-Toxic	Gases – Toxic (D) Ø	Highly Flammable Liquids	Flammable Liquids	Flammable Solids	Spontaneously Combustible	Dangerous When Wet	Oxidising Agents	Organic Peroxides	Toxic Substances	Harmful Substances	Radioactive Substances	Radioactive Flasks (D) (Loaded)	Radioactive Flasks (D) Discharged	Corrosives And Miscellaneous	Mixed Dangerous Goods Groupage	Locomotive	Rear Of Train	
Metres	Feet	10ft Container Units																						
18	60	6																						
11	37	4																						
9	30	3																						
6	20	2																						
D.G. Class – Commodity			1	2.1	2.2	2.2	2.3	3 (PG I or II)	3 (PG III)	4.1	4.2	4.3	5.1	5.2	6.1 (PG I or II)	6.1 (PG III)	7	7	7	8 & 9	-	-	-	
1	Explosives			18	18	X	X	X	18	18	X	18	18	X	18	18	X	X	18	18	18	18	11	11
2.1	Gases – Flammable (DE) Ø	X		18	-	X	X	18	18	X	-	-	X	-	-	-	X	X	18	-	-	-	-	
2.2	Gases – Non-flammable Ø Liquid Oxygen (UN1073)	18	18		-	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.2	Gases – Non-flammable Ø Non-toxic	18	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.3	Gases – Toxic (D) Ø	X	X	18	-		X	18	18	X	18	18	X	-	-	-	-	-	-	-	-	9	9	
3(PG I or II)	Highly flammable liquids	X	X	18	-			-	-	X	-	18	X	-	-	-	X	X	18	-	-	-	-	
3(PG III)	Flammable liquids	18	18	18	-	18	-		-	18	-	18	18	-	-	-	18	X	18	-	-	-	-	
4.1	Flammable solids	18	18	-	-	18	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4.2	Spontaneously combustible	X	X	18	-	X	X	18	-		-	18	X	-	-	-	X	X	18	-	-	-	11	
4.3	Dangerous when wet	18	-	-	-	18	-	-	-		-		-	18	-	-	-	-	-	-	-	-	-	
5.1	Oxidizing substances	18	-	-	-	18	18	18	-	18	-		-	-	-	-	-	-	-	-	-	-	-	
5.2	Organic peroxides	X	X	-	-	X	X	18	-	X	18	-		-	-	-	X	X	18	-	-	-	-	
6.1(PG I or II)	Toxic substances	18	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	
6.1(PG III)	Harmful substances	18	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	
7	Radioactive materials	X	X	-	-	-	X	18	-	X	-	-	-	X	-	-		-	-	-	-	-	-	
7	Radioactive flasks (D) (Loaded)	X	X	-	-	-	X	X	-	X	-	-	-	X	-	-	-		-	-	-	6§	6§	
7	Radioactive flasks (D) (Discharged)	18	18	-	-	-	18	18	-	18	-	-	18	-	-	-	-	-		-	-	6§	6§	
8 & 9	Corrosives & Miscellaneous	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	
	Mixed dangerous goods (UN8989) - see C4.6	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	

Uncontrolled When Printed

* Other than liquid oxygen (UN1073)
 x Not permitted on same train
 (D) Not permitted to be carried on Driver Only trains
 (DE) Not more than

- one bogie tank wagon, or
- two 2-axle tank wagons
- one 12 metre (40 ft) tank wagon (or equivalent length in smaller containers), or
- one 2-axle tank wagon and one 12 metre (40 ft) tank wagon (or equivalent length in smaller containers) permitted on a driver only (DO) train

§ If the distance from the flask is less than 6 metres
 ¥ A brake van is required at the rear of the train, in which the guard must ride.
 ø Bolsters and low sided wagons loaded with steel (other than rod in coil) with or without their associated 4 wheeled runner wagons must not be marshalled next to tank wagons or tank containers containing gases.

Note:-
Separation wagons individual vehicles must have an actual weight greater than 8.15 tonnes (8 tons).
Containers for container carrying wagons the separation distance detailed above between containers of dangerous goods must be maintained. The prohibitions are as shown in this table.