



Is your company involved in dangerous goods by road?

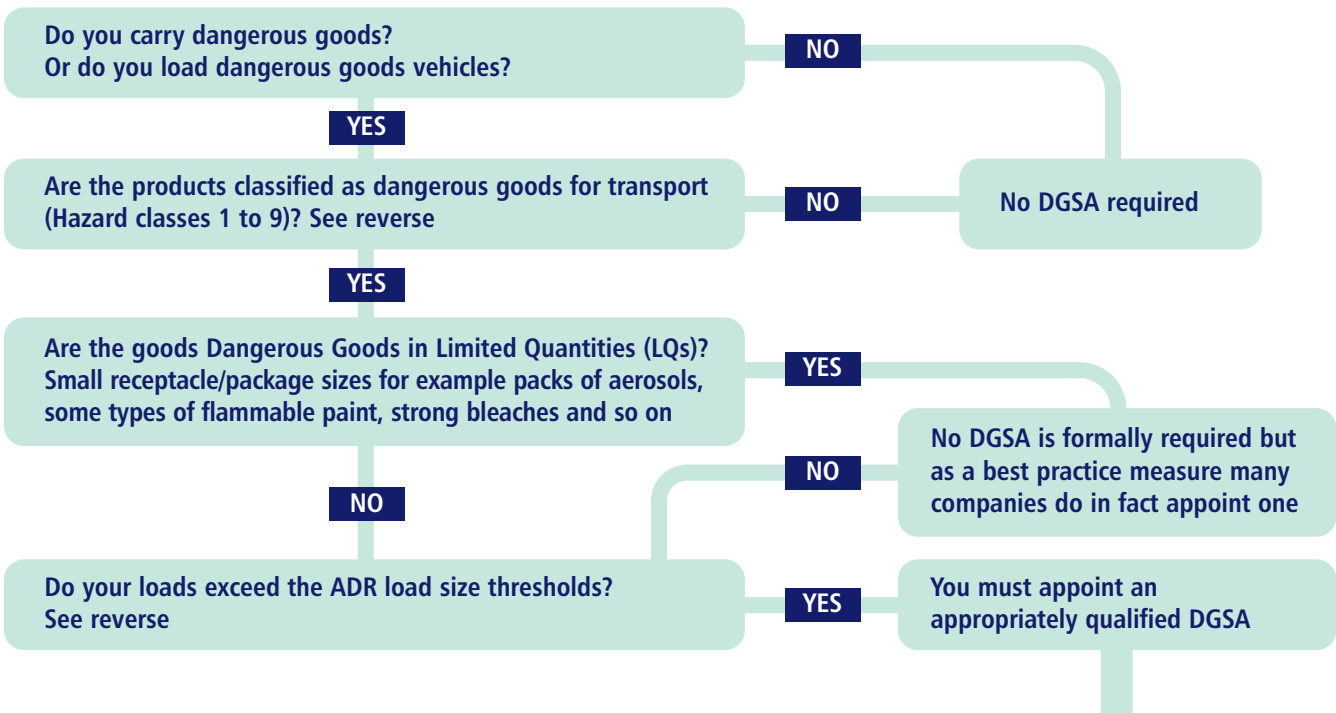
If so you may require a Dangerous Goods Safety Advisor (DGSA)

Subject to certain concessions companies involved in the carriage or related loading of dangerous goods by road **must** appoint an appropriately qualified DGSA to:

- monitor and advise on dangerous goods compliance
- ensure incidents/accidents are properly investigated and reported
- prepare annual reports

Following this flow chart will help you to decide:

- does my company require a DGSA?
- does my company wish to employ its own DGSA or a consultant?
- how do we become compliant?



Appointment of DGSAs – in-house vs consultant

For in-house	For consultant
Knowledge of the operation across varied departments On site availability Staff development	Independent position Specialist + expert Up-to-date with current regulations and task focused
Against in-house	Against consultant
Lack of staff Lack of time Keeping up to speed on regulations Cost of training Possible exam failures Personal liability/responsibility issues	Not on-site Direct cost

FTA DGSA COMPLIANCE SOLUTIONS



















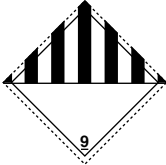
DGSA Training

- General chemicals
- Mineral oils
- Explosives
- Gases
- Radioactives
- All UN classes
- Qualified DGSA

DGSA Consultancy

- Temporary cover
- Full consultancy cover
- One to one DGSA coaching
- Health check audits

UN HAZARD CLASSES AND WARNING DIAMONDS

CLASS 1    Explosive substances and articles			CLASS 2 – GASES  Flammable gas			 Non-flammable gas	 Toxic gas
CLASS 3  Flammable liquid	CLASS 4.1  Flammable solid	CLASS 4.2  Liable to spontaneous combustion	CLASS 4.3  Flammable on contact with water	CLASS 5.1  Oxidising agent	CLASS 5.2  Organic peroxide		
CLASS 6.1  Toxic	CLASS 6.2  Infectious substance	CLASS 7    Radioactive material			CLASS 8  Corrosive	CLASS 9  Miscellaneous	

ADR LOAD SIZE THRESHOLDS

Substance/article Transport Category	Total quantity per vehicle (kg or litres)
TC 0 – extremely dangerous	0
TC 1 – very dangerous	20
TC 2 – medium danger	333
TC 3 – low danger	1,000
TC 4 – very low danger	Unlimited

The kilogram or litre thresholds relate to:

- For liquids, the nominal value of the substance in litres
- For compressed gases, water capacity of the cylinder in litres
- For solids, liquified gases, refrigerated liquified gases and dissolved gases, the net mass in kilograms
- For articles, the gross mass in kilograms
- For articles of class 1, the net mass in kilograms of the explosive substance

Mixed loads thresholds

Substance/article Transport Category	Multiplier	Total
TC1	Quantity x 50 =	x
TC2	Quantity x 3 =	y
TC3	Quantity x 1 =	z
		= (max 1,000)

For loads comprising different Transport Categories, apply the multiplier above. If the sum of x, y and z exceeds 1,000 the full operational provisions apply.



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