

RAIL SAFETY AND STANDARDS BOARD

**Railway Group Standard
GO/RM3053**

WORKING MANUAL FOR RAIL STAFF HANDLING AND CARRIAGE OF DANGEROUS GOODS

Railway Group Standard

GO/RM3053

Issue Two

Date June 2006

WORKING MANUAL FOR RAIL STAFF

Freight Train Operations

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**Published by:
Rail Safety and Standards Board
Evergreen House
160 Euston Road
London NW1 2DX**

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Handling and Carriage of Dangerous Goods

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GLOSSARY OF TERMS

TERM	MEANING
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
Block Train Load of Dangerous Goods	A train which is not remarshalled en route and only comprises dangerous goods and associated separation wagons (<i>if required</i>)
Brakevan	Any vehicle with a brake compartment
Bulk	Solid dangerous goods carried unpackaged (<i>i.e. without any intermediate form of containment</i>) in wagons and containers. Dangerous goods carried in tank wagons and tank containers are not regarded as bulk
Compatibility Group (<i>Explosives</i>)	A code denoting groups of explosives which can be carried safely loaded together
Container	Freight container, tank container, swap body or swap tank
Control (<i>or Control Office</i>)	The Control Office (or other designated person) of the organisation controlling the infrastructure at the location concerned
Dangerous Goods	Goods which are capable of posing a significant risk to health, safety or property when carried by rail and which are classified according to Section A of this manual
Discharged (<i>tank wagon or tank container</i>)	Emptied, having contained a dangerous product but not cleaned. Certain product residues may be left inside the tank. A tank wagon/container labelled 'Discharged' must be treated exactly the same as a loaded (<i>undischarged</i>) tank wagon or tank container. See also 'Purged'
Display (<i>label, placard</i>)	To position so that it can be clearly seen, with the label contents visible
Driver Only (D.O.) train	A train that is worked only by Driver and does not have a Guard

TERM	MEANING
Facility	Any building, terminal, yard or siding where goods are handled or stored
Flammable	Any material solid, liquid, vapour or gas that will ignite easily and burn
Flashpoint	The temperature at which a substance gives off sufficient vapour to ignite or explode in the presence of a spark or flame
Goods	Substances, commodities and materials offered for carriage
Guard	Senior Conductor, Conductor, Trainman or Trainwoman
Hazard Warning Panel	A panel showing emergency services information, illustrated in Section E of this manual
Hazard Warning Placard	Enlarged diamond-shaped hazard warning label on containers and wagons to show the hazards of the dangerous goods carried, illustrated in Section E of this manual
IMDG Code	International Maritime Dangerous Goods Code
Kemler Panel	European-style Hazard Warning Panel
Local Manager	Local/Area/Operations Manager or their representative
Locomotive	Any unit capable of traction
Net Explosive Content (NEC)	Actual weight of explosive material in a consignment of explosives. There are limitations on the amount that can be carried by road and rail. Note: <i>This may sometimes be referred to as Net Explosive Quantity (NEQ)</i>

TERM	MEANING
Packing Group (PG)	<p>Certain classes of dangerous goods are assigned to packing groups in accordance with their degree of danger as follows: -</p> <p>Packing group I Substances presenting high danger</p> <p>Packing group II Substances presenting medium danger</p> <p>Packing group III Substances presenting low danger.</p>
Production Control Office	See 'Control Office'
Purged (<i>tank wagon or tank container</i>)	All dangerous substances removed and tank thoroughly cleaned out for the period certified
RADSAFE Scheme	Emergency arrangements for the transport of radioactive material. Used for incidents and irregularities involving irradiated fuel flasks and radioactive material in packages
Rail Incident Officer (RIO)	A person nominated and certificated to carry out the role of an on-site commander in accordance with Railway Group Standard GO/RT3472
Rail Staff	Staff employed by a company holding an accepted Railway Safety Case
Receiver	The person/organisation to which the goods are addressed (<i>consignee</i>)
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
Toxic	The ability of a substance to cause damage to living tissue, impairment of the central nervous system, severe illness, death when ingested, inhaled or absorbed by the skin

TERM	MEANING
Train Document	A list containing the necessary information for the safe operation of the train. The list can be manually prepared or produced by TOPS
Train Operating Company (TOC)	An organisation operating trains on Network Rail controlled infrastructure in accordance with an accepted Railway Safety Case
Tremcard	Transport Emergency Card (<i>road movements only</i>)
Trip	Short distance rail movement in local area - normally up to 5 miles distance
United Nations Number	A four digit number given to each substance (UN No.) classified as dangerous goods
Unstaffed	No staff present at the time
Vehicle	Any individual unit of rolling stock: wagon, tank wagon, brakevan, not capable of traction
Wagon	Any goods vehicle: van, tank wagon. Not designated for carrying persons in any capacity.