

SCHEDULE 9

Regulation 10

AMENDMENTS TO THE CARRIAGE OF
DANGEROUS GOODS BY ROAD REGULATIONS 1996

1. In regulation 2(1), delete the definition of “the Directive”.
2. In regulation 2(4), for sub-paragraph (b)(vi), substitute the following sub-paragraph—

“(vi) the nominal capacity of any tank containing compressed gases (other than those dissolved in a solvent) or liquids or both.”.
3. At the end of regulation 5, add the following paragraph—

“(3) Where the Health and Safety Commission approves a revision referred to in paragraph (2), during the period between the publication by the Commission of a notice specifying that revision and the date on which that revision takes effect a person may comply with the requirements of these Regulations as if any reference to any of the approved documents were a reference to—

 - (a) the approved document prior to that revision; or
 - (b) the approved document as revised.”.
4. For paragraph (1) of regulation 8, substitute the following paragraph—

“(1) No operator of a container or vehicle shall cause or permit to be carried therein any dangerous goods in bulk unless—

 - (a) the word Yes appears in column 8 of the Approved Carriage List in relation to those goods; and
 - (b) suitable measures have been taken to ensure that none of the contents escape.”.
5. In regulation 9(1), for the words “the letter Y” substitute “the word Yes”.
6. In regulation 10—
 - (a) in paragraph (2)(c), before the words “Schedule 7” insert “Part I of”;
 - (b) for paragraph (4) substitute the following paragraphs—

“(4) The operator of a large container which is being used for the carriage of dangerous goods shall ensure that—

 - (a) any requirements specified in Part I of Schedule 7 relating to those goods are complied with, as if the large container were a vehicle;
 - (b) the requirements specified in Part II of Schedule 7 are complied with; and
 - (c) before the container is loaded it is checked to ensure that—
 - (i) it is free from any residue of a previous load, and
 - (ii) the interior floor and walls are free from protrusions.

(4A) The operator of a large container which has corner fittings for the purpose of securing or handling it and which is of a size such that the area enclosed by the outer bottom corners is either—

 - (a) if the container is fitted with top corner fittings, at least 7 square metres; or
 - (b) in any other case, at least 14 square metres,

and which is being used for the carriage of dangerous goods, shall ensure that that container complies with the requirements of the International Convention for Safe Containers 1972 signed at Geneva on 2nd December 1972 and ratified by the United Kingdom on 8th March 1978 (published by the International Maritime Organization, 4th edition, 1996).

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(4B) The operator of a large container which—

- (a) is 6 or more metres long; or
- (b) is—
 - (i) 2.991 metres long, and
 - (ii) 2.438, 2.5 or 2.6 metres wide,

and which is being used for the carriage of dangerous goods, shall ensure that that container complies with the requirements of those International Union of Railways UIC leaflets particularised in paragraph (4C).

(4C) The leaflets referred to in paragraph (4B) are—

- (a) 590—10th edition, 1st January 1979 (as amended on 1st July 1979, and in 1981, 1985, and 1994 and updated on 1st January 1989);
- (b) 592-2—5th edition, 1st July 1996;
- (c) 592-3—1st edition, 1st July 1977 (as amended in 1979 and 1985); and
- (d) 592-4—1st edition, 1985 (as amended in 1987, 1989, 1990, 1991, 1992 and 1995 and reprinted on 1st July 1995).”;

(c) in paragraph (5), for the words “goods is bulk” substitute “goods in bulk”; and

(d) after paragraph (5) add the following paragraphs—

“(6) The operator of a tank container which has corner fittings for the purpose of securing or handling it and which is of a size such that the area enclosed by the outer bottom corners is either—

- (a) if the container is fitted with top corner fittings, at least 7 square metres; or
- (b) in any other case, at least 14 square metres,

and which is being used for the carriage of dangerous goods shall ensure that the frame of that container complies with the requirements of the International Convention for Safe Containers 1972 signed at Geneva on 2nd December 1972 and ratified by the United Kingdom on 8th March 1978 (published by the International Maritime Organization, 4th edition, 1996).

(7) In this regulation, “corner fittings” means an arrangement of apertures and faces at either the top or the bottom or both at the top and the bottom of the container for the purposes of handling, stacking and securing or any of those purposes.”.

7. For paragraph (7) of regulation 12, substitute the following paragraph—

“(7) The driver and the operator of a vehicle which is—

- (a) being used for the carriage of infectious substances, toxic goods or any of the following goods—

UN 2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, miosorite)
UN 2315	POLYCHLORINATED BIPHENYLS
UN 2590	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite or tremolite)
UN 3151	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID

UN 3152	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID
UN 3245	GENETICALLY MODIFIED MICRO- ORGANISMS; or

(b) empty, uncleaned, having been used for the carriage of any such goods, shall ensure that no food and no fodder or feeding stuffs for animals, birds or fish is carried in that vehicle unless that food, fodder or feeding stuff is effectively separated from any such goods by

- (c) complete partitions as high as the packages containing such goods;
- (d) packages containing goods other than those mentioned in sub-paragraph (a); or
- (e) a space of at least 0.8m,

or is otherwise adequately protected, by additional packaging or complete coverage of those goods, from the risk of contamination by those goods.”.

8. In regulation 13—

- (a) at the end of paragraph (2)(a)(i), add the words “preceded, where those goods are waste, by the word “waste”,”;
- (b) at the end of paragraph (2)(a), insert the following paragraphs—
 - “(vi) where any of the following goods—

UN 1202	DIESEL FUEL or GAS OIL or HEATING OIL, LIGHT
UN 1203	PETROL or MOTOR SPIRIT or GASOLINE
UN 1223	KEROSENE

are being carried in a multi-compartment road tanker, the particular tank compartment in which each of those goods is being carried, and

- (vii) where those goods are being carried in salvage packagings, the words “salvage packagings”,”;
- (c) in paragraph (2)(b)(i)(aa) and (bb), for the word “packages” substitute “receptacles” in each place where it occurs;
- (d) for sub-paragraph (iv) of paragraph (2)(b), substitute the following sub-paragraph—
 - “(iv) the names and addresses of all consignees, if known,”; and
- (e) at the end, add the following paragraph—
 - “(5) In this regulation, “salvage packagings” means packagings conforming to the design type for salvage packagings approved under regulation 6(1)(e) of the CDGCPL Regulations and “waste” means goods for which no direct use is envisaged but which are carried for reprocessing, dumping, elimination by incineration or other methods of disposal.”.

9. In regulation 14—

- (a) at the end of paragraph (3), add the following sub-paragraph—
 - “(f) where the goods being carried are in a large container and intended for carriage by sea, a container packing certificate comprising the information set

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out in paragraph 12.3.7 of the International Maritime Dangerous Goods Code, as revised or re-issued from time to time by the International Maritime Organization [Current Edition: Volumes I to IV ISBN 92-801-1465-4].”;

- (b) for paragraphs (i) to (v) of paragraph (4)(a) substitute the following paragraphs—
 - “(i) subject to paragraph (4A), the proper shipping name of the goods, their classification code and also their UN number,
 - (ii) the nature of the danger inherent in the goods and the safety measures to be taken to avert any such danger including the use of personal protective equipment by the driver,
 - (iii) the general actions to be taken including warning other road users and pedestrians of the danger and calling the fire brigade,
 - (iv) the additional actions needed to deal with and prevent escalation of minor leakage or spillage, provided this can be achieved without personal risk, and
 - (v) the necessary equipment for any action required by this paragraph; and;”
- (c) for paragraph (4)(b), substitute the following paragraph—
 - “(b) any further information specified in Schedule 9 or Schedule 9A relating to the dangerous goods being carried.”;
- (d) at the end of paragraph (4), add the following paragraphs—
 - “(4A) Notwithstanding paragraph (4)(a)(i), where mixed loads of packaged goods are carried, emergency information may be provided for each group of dangerous goods which present the same dangers in which case neither the proper shipping name of the individual goods nor their UN number need be mentioned in the emergency information.
 - (4B) The emergency information referred to in paragraph (3)(e) and specified in paragraphs (4) and (4A) shall be in the form set out in Schedule 9A.”; and
- (e) at the end, add the following paragraph—
 - “(6) The operator of any vehicle which is to be used for the carriage of dangerous goods shall ensure that the driver of that vehicle understands the emergency information specified in paragraphs (4) to (4B) and Schedule 9A and is capable of properly carrying out any instructions contained therein.”.

10. In regulation 17(6), for the words “the mass or volume of dangerous goods carried in packages” substitute “the total mass or volume of packaged dangerous goods”.

11. In regulation 18(1), for the words “or tank vehicle” substitute “tank or vehicle”.

12. In regulation 23—

- (a) for sub-paragraphs (a) and (b) of regulation 23(2) substitute the following sub-paragraphs—
 - “(a) at least one portable fire extinguisher with—
 - (i) a minimum capacity of 2kg of dry powder, or
 - (ii) other suitable extinguishant and an equivalent test fire rating of at least 5A and 34B as defined in British Standard BSEN 3-1:1996,suitable for fighting a fire in the engine or cab of the vehicle, and such that, if it is used to fight a fire involving the load, it does not aggravate the fire and, if possible, controls it; and
- (b) at least one portable fire extinguisher with—
 - (i) a minimum capacity of 6kg of dry powder, or

- (ii) other suitable extinguishant and an equivalent test fire rating of at least 21A and 183B as defined in British Standard BSEN 3-1:1996, suitable for fighting a tyre or brake fire or a fire involving the load, and such that, if it is used to fight a fire in the engine or cab of the vehicle, it does not aggravate the fire.”;
 - (b) in regulation 23(3)(c), for the words “or other suitable extinguishant with” substitute “or by a fire extinguisher with other suitable extinguishant and”; and
 - (c) in paragraph (6), delete the letter “(a)”.
13. In regulation 24(1)—
- (a) in sub-paragraph (b), delete the words “in an isolated position”; and
 - (b) in sub-paragraph (b)(i), delete the words “in the open”.
14. In regulation 25—
- (a) at the end of paragraph (1), insert the words “by the Health and Safety Executive by a further certificate in writing”; and
 - (b) in paragraph (2), for the words from “it is satisfied” to the end of the paragraph substitute “it is satisfied that neither the health and safety of persons who are likely to be affected by the exemption nor the environment will be prejudiced in consequence of it.”.
15. At the end of regulation 25, add the following regulation—

“Training for persons engaged in the carriage of dangerous goods

25A.—(1) The operator, consignor and any other person involved in the carriage of dangerous goods by road shall ensure that he and those of his employees whose responsibilities are concerned with such carriage receive training so as to enable them to discharge those responsibilities.

(2) Each employer shall keep a record for a minimum of 5 years of any training provided by him in accordance with paragraph (1) and shall make available a copy of that record to the employee concerned.”.

16. In regulation 26, for paragraph (3) substitute the following—
- “(3) Where a contravention of any of the provisions of these Regulations by any person is due to the act or default of some other person, that other person shall be guilty of the offence which would, but for any defence under this regulation available to the first-mentioned person, be constituted by the act or default.”.
17. In regulation 27(2)(c), for the word “Organisation” substitute “Organization”.
18. In column 1 of Table 1 of Schedule 1, for the entry—

“UN 1994 MATCHES, SAFETY”

substitute the entry—

“UN 1944 MATCHES, SAFETY”.

19. In Schedule 2—
- (a) at the end of paragraph 2, add the following sub-paragraph—

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“(g) (i) UN 1992	FLAMMABLE LIQUID, TOXIC, N.O.S.
UN 2603	CYCLOHEPTATRIENE
UN 3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.

of packing group II,

(ii) UN 1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
UN 1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
UN 1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
UN 1992	FLAMMABLE LIQUID, TOXIC, N.O.S
UN 2310	PENTANE-2,4-DIONE
UN 2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.
UN 2841	DI-n-AMYLAMINE
UN 3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.,

of packing group III, and

(iii) UN 1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.
UN 1570	BRUCINE
UN 1654	NICOTINE
UN 1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.
UN 1656	NICOTINE HYDROCHLORIDE or NICOTINE HYDROCHLORIDE SOLUTION
UN 1657	NICOTINE SALICYLATE
UN 1658	NICOTINE SULPHATE, SOLID, or NICOTINE SULPHATE SOLUTION
UN 1659	NICOTINE TARTRATE
UN 1692	STRYCHNINE or STRYCHNINE SALTS
UN 1851	MEDICINE, LIQUID, TOXIC, N.O.S.
UN 3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.

UN 3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.
UN 3172	TOXINS EXTRACTED FROM LIVING SOURCES, N.O.S.
UN 3249	MEDICINE, SOLID, TOXIC, N.O.S.,

where those goods are pharmaceutical products ready for use, packaged for retail sale, and intended for personal or household use, and in this sub-paragraph, “pharmaceutical products” include medicines, drugs and cosmetics.”;

- (b) at the end of paragraph 3, for the word “and” substitute “or” and add the following sub-paragraph—

“(d) machinery or equipment which is not named individually in the Approved Carriage List and which contains dangerous goods in its internal or operational equipment.”; and

- (c) after paragraph 3, insert the following paragraph—

“**3A.** These Regulations shall not apply to or in relation to the carriage of dangerous goods as a result of an emergency, where those goods are being carried with the intention of saving human life or protecting the environment, provided that all measures are taken to ensure that such carriage is carried out safely.”.

20. In Schedule 4—

- (a) following the title, insert the following words—
“PART I

*RESTRICTIONS ON THE CARRIAGE OF CERTAIN HEATED, FLAMMABLE
OR TEMPERATURE-CONTROLLED GOODS AND ON THE CARRIAGE
OF CERTAIN DANGEROUS GOODS IN SMALL CONTAINERS”;*

- (b) in paragraph 3(5)—

- (i) for paragraph (c) substitute the following paragraph—

“(c) thermal insulation and single mechanical refrigeration, provided that for self-reactive substances with a flash point lower than the sum of the emergency temperature plus 5°C explosion-proof electrical fittings, Ex IIB T3, are used within the coolant compartment to prevent ignition of flammable vapours from the self-reactive substances;”, and

- (ii) for paragraph (e)(iii) substitute the following paragraph—

“(iii) for self-reactive substances with a flash point lower than the sum of the emergency temperature plus 5°C explosion-proof electrical fittings, Ex IIB T3, are used within the coolant compartment to prevent ignition of flammable vapours from the self-reactive substances;”;

- (c) after paragraph 7, insert the following paragraph—

“**7A.** Packages containing any of the following goods shall not be carried in a small container—

UN 1510

TETRANITROMETHANE

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UN 2015	HYDROGEN PEROXIDE, STABILIZED or HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED.”;
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(d) in paragraph 8(5)—

(i) for paragraph (c) substitute the following paragraph—

“(c) thermal insulation and single mechanical refrigeration, provided that for self-reactive substances with a flash point lower than the sum of the emergency temperature plus 5°C explosion-proof electrical fittings, Ex IIB T3, are used within the coolant compartment to prevent ignition of flammable vapours from the organic peroxides;”, and

(ii) for paragraph (e)(iii) substitute the following paragraph—

“(iii) for self-reactive substances with a flash point lower than the sum of the emergency temperature plus 5°C explosion-proof electrical fittings, Ex IIB T3, are used within the coolant compartment to prevent ignition of flammable vapours from the organic peroxides;”;

(e) at the end, add the following paragraphs—

“11. Packages containing any of the following goods shall not be carried in a small container—

UN 3101	ORGANIC PEROXIDE TYPE B, LIQUID
UN 3102	ORGANIC PEROXIDE TYPE B, SOLID.

Refrigerated liquefied gases

12. Refrigerated liquefied gases shall not be carried in a small container.”; and

(f) at the end of paragraph 12, insert the following Part—

“PART II

CARRIAGE OF CERTAIN GOODS IN INTERMEDIATE BULK CONTAINERS

Oxidizing substances

13. Composite intermediate bulk containers containing any of the following goods, where those goods are in solid form, shall be carried in a closed vehicle or a closed container—

UN 1479	OXIDIZING SOLID, N.O.S. of packing group I
UN 1491	POTASSIUM PEROXIDE
UN 1504	SODIUM PEROXIDE
UN 2466	POTASSIUM SUPEROXIDE
UN 2547	SODIUM SUPEROXIDE.

Toxic substances

14. Composite or wooden intermediate bulk containers containing any of the following goods, where those goods are in solid form and of packing group I, shall be carried in a closed vehicle or a closed container—

UN 1544	ALKALOIDS, SOLID, N.O.S., or ALKALOID SALTS, SOLID, N.O.S.
UN 1557	ARSENIC COMPOUND, SOLID, N.O.S.
UN 1570	BRUCINE
UN 1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
UN 1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.
UN 1692	STRYCHNINE or STRYCHNINE SALTS
UN 1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.
UN 1699	DIPHENYLCHLOROARSINE
UN 2025	MERCURY COMPOUND, SOLID, N.O.S.
UN 2026	PHENYLMERCURIC COMPOUND, N.O.S.
UN 2570	CADMIUM COMPOUND
UN 2630	SELENATES or SELENITES
UN 2811	TOXIC SOLID, ORGANIC, N.O.S.
UN 3143	DYE, SOLID, TOXIC, N.O.S.
UN 3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
UN 3172	TOXINS EXTRACTED FROM LIVING SOURCES, N.O.S.
UN 3276	NITRILES, TOXIC, N.O.S.
UN 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S.
UN 3280	ORGANIC ARSENIC COMPOUND, N.O.S.
UN 3281	METAL CARBONYLS, N.O.S.
UN 3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S.
UN 3283	SELENIUM COMPOUND, N.O.S.
UN 3288	TOXIC SOLID, INORGANIC, N.O.S.

Halogenated substances, with a flashpoint above 61°C, with the exception of UN 1694
BROMOBENZYL CYANIDES

Inorganic cyanides

Pesticides, solid, toxic.

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15. Composite intermediate bulk containers containing the goods UN 2930 TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S. of packing group I shall be carried in a closed vehicle or a closed container.

Corrosive substances

16. Composite or wooden intermediate bulk containers containing any of the following goods, where those goods are in solid form and of packing group I, shall be carried in a closed vehicle or a closed container—

UN 1759	CORROSIVE SOLID, N.O.S.
UN 1905	SELENIC ACID
UN 2430	ALKYLPHENOLS, SOLID, N.O.S.
UN 2923	CORROSIVE SOLID, TOXIC, N.O.S.
UN 3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.
UN 3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S
UN 3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
UN 3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
UN 3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.

17. Composite intermediate bulk containers containing the goods UN 2921 CORROSIVE SOLIDS, FLAMMABLE, N.O.S. of packing group I shall be carried in a closed vehicle or a closed container.”.

21. In Schedule 5—

- (a) delete paragraph 3(2);
- (b) for the following provisions of paragraph 7—

“UN 3170	ALUMINIUM SMELTING BY- PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS of packing group II”
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substitute the following

“UN 3170	ALUMINIUM SMELTING BY- PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS of packing group III;”
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(c) in paragraph 10(1)—

- (i) after the word “goods” insert “in their solid form”, and
- (ii) delete the words “Solid wastes containing either of these goods.”;
- (d) in paragraph 12, delete the words “or solid wastes containing those toxic substances specified in paragraphs 10 and 11”;
- (e) delete paragraphs 13 and 15;
- (f) for paragraph 17 substitute the following paragraph—
 - “17. Only those corrosive goods which are listed in paragraphs 14, 16 and 17A may be carried in bulk in a vehicle.”;
- (g) after paragraph 17, insert the following paragraph—
 - “17A. A vehicle carrying the following goods in bulk—

UN 2794	BATTERIES, WET, FILLED WITH ACID
UN 2795	BATTERIES, WET, FILLED WITH ALKALI
UN 2800	BATTERIES, WET, NON-SPILLABLE
UN 3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID

where those goods have been used, shall—

- (a) have a load compartment or load compartments made of steel—
 - (i) exhibiting a rate of progressive reduction of 0.1mm or less per year under the effects of the corrosive substances contained in those goods, or
 - (ii) exhibiting a rate of progressive reduction of more than 0.1mm per year under the effects of the corrosive substances contained in those goods, provided that the load compartments have walls of a thickness sufficient to resist, or a plastic lining or layer resistant to, those substances;
 - (b) be designed to take account of any residual currents and impact from those goods;
 - (c) be constructed so as to prevent leakage of corrosive substances from its load compartments during carriage;
 - (d) have any open load compartments covered by a cover resistant to the corrosive substances contained in those goods;
 - (e) not have damaged load compartments;
 - (f) not be loaded above the top of the walls of its load compartments; and
 - (g) have outer surfaces free of the corrosive substances contained in the goods listed in this paragraph,
- and in this paragraph “load compartments” means those parts of the vehicle in which goods are, or are to be, carried.”; and
- (h) at the end, add the following paragraph—

“Elevated temperature substances carried in bulk

19.—(1) UN 3257 ELEVATED TEMPERATURE LIQUID N.O.S. shall be carried in a vehicle which conforms to a design approved for the time being in writing by the Health and Safety Executive for the carriage of such goods.

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(2) UN 3258 ELEVATED TEMPERATURE SOLID N.O.S. shall be carried in a vehicle which conforms to a design approved for the time being in writing by the Health and Safety Executive for the carriage of such goods.”.

22. In Schedule 6—

- (a) delete paragraph 3(2);
- (b) delete paragraphs 9 and 12;
- (c) in paragraph 13—
 - (i) delete the words “UN 1884 BARIUM OXIDE” and “UN 1564 BARIUM COMPOUNDS, TOXIC, N.O.S. of packing group III”, and
 - (ii) for the word “Waste” substitute “Solid”;
- (d) delete paragraph 15;
- (e) in paragraph 16(1) at the end of the list of goods insert the following entry—

“Solid corrosive substances of packing group III.”;

- (f) delete paragraph 17; and
- (g) for paragraph 19 substitute the following paragraphs—

“**19.** A container carrying the following goods—

UN 2794	BATTERIES, WET, FILLED WITH ACID
UN 2795	BATTERIES, WET, FILLED WITH ALKALI
UN 2800	BATTERIES, WET, NON-SPILLABLE
UN 3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID,

where those goods have been used, shall—

- (a) have load compartments made of—
 - (i) steel exhibiting a rate of progressive reduction of 0.1mm or less per year under the effects of the corrosive substances contained in those goods,
 - (ii) steel exhibiting a rate of progressive reduction of more than 0.1mm per year under the effects of the corrosive substances contained in those goods, provided that the load compartments have walls of a thickness sufficient to resist, or a plastic lining or layer resistant to, those substances, or
 - (iii) where that container is a small container, plastic capable when fully loaded of withstanding a drop onto its bottom surface from a height of 0.8m onto a hard surface without breakage, when both the small container and its contents are at -18°C;
- (b) be designed to take account of any residual currents and impact from those goods;
- (c) be constructed so as to prevent leakage of corrosive substances from its load compartments during carriage;
- (d) have any open load compartments covered by a cover resistant to the corrosive substances contained in those goods;
- (e) not have damaged load compartments;
- (f) not be loaded above the top of the walls of its load compartments; and

(g) have outer surfaces free of the corrosive substances contained in those goods, and in this paragraph “load compartments” means those parts of the container in which goods are, or are to be, carried.

Miscellaneous dangerous goods

20. A container carrying any of the following goods—

UN 2211	POLYMERIC BEADS, EXPANDABLE
UN 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

- (a) may be open, provided it is sheeted and has adequate ventilation; or
- (b) if small, may be closed with complete walls.”.

23. In Schedule 7—

- (a) insert the words “PART I” before the title;
- (b) in paragraph 1, for the words “flammable gases or toxic gases” substitute “liquefied gases, refrigerated liquefied gases and UN 1001 ACETYLENE, dissolved”; and
- (c) delete paragraph 8; and at the end, add the following Part—

“PART II

SUITABILITY OF LARGE CONTAINERS

14. Large containers used for the carriage of dangerous goods shall be structurally serviceable and free from unacceptable deterioration in any component.

15. In this Part—

“major defects” means—

- (a) dents or bends, greater than 19mm in depth but regardless of length, in structural members;
- (b) cracks or breaks in structural members;
- (c) more than one splice or an improper splice, such as a lapped splice, in top or bottom end rails or door headers;
- (d) more than two splices in any one top or bottom side rail;
- (e) any splice in a door sill or corner post;
- (f) door hinges and hardware that are seized, twisted, broken, missing or otherwise inoperative;
- (g) non-closing gaskets and seals;
- (h) any distortion of the overall configuration sufficient to prevent proper alignment of handling equipment, mounting and securing on a chassis or vehicle;

“structural components” include top and bottom side rails, top and bottom end rails, door sill and header, floor cross members, corner posts and corner fittings;

“structurally serviceable” means free from major defects in its structural components; and

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“unacceptable deterioration in any component” includes rusted metal in sidewalls or disintegrated fibreglass, regardless of the material or construction, but does not include normal wear (including oxidization (rust), slight dents, scratches, and other damage that does not affect serviceability or weather-tightness).”.

24. At the end of Schedule 9, insert the following Schedule—

“SCHEDULE 9A

Regulation 14(4B)

FORM OF EMERGENCY INFORMATION

Load

1. Include—
 - (a) the proper shipping name of the goods;
 - (b) the classification code of the goods; and
 - (c) the UN number of the goods.
2. Include a description of the goods limited to—
 - (a) the physical state including colour; and
 - (b) any odour, to assist in the identification of leakage and spillage.

Nature of the danger

3. Include a short description of the expected dangers—
 - (a) the main danger;
 - (b) any additional dangers including possible delayed effects and dangers to the environment;
 - (c) the behaviour of the goods when exposed to fire or heat including decomposition, explosion and the development of toxic fumes; and
 - (d) where applicable, that the goods react dangerously with water.

Personal Protection

4. Include details of any personal protective equipment provided for the driver.

General actions to be taken by the driver

5. Include the following instructions—
 - (a) stop the engine of the vehicle;
 - (b) subject to paragraph 8, extinguish any open flames;
 - (c) no smoking;
 - (d) warn other road users and pedestrians—
 - (i) of the danger, and
 - (ii) to keep upwind; and
 - (e) notify the police and fire brigade as soon as possible.

Additional actions to be taken by the driver

6. Include the instructions, and list the equipment, necessary for the driver to perform any additional actions required for the goods being carried.

7. Provide the instructions necessary for the driver to be able to deal with and prevent the escalation of any minor spillage or leakage, so far as this can be achieved without personal risk.

Fire

8. Provide the instructions required by the driver in case of fire, including how to deal with minor vehicle fires and a direction not to attempt to deal with any fire involving the load.

First Aid

9. Include first aid instructions for the driver in the event of contact with the goods.

Additional information

10. Include, where applicable, any additional information which would be of assistance in an emergency.”.

25. In Schedule 10—

(a) in paragraph 17 of Part I, for the words “at least one side” substitute “each side and at the rear and front”;

(b) after paragraph 24 of Part I, insert the following paragraph—

“Elevated temperature substances

25. A container, tank or vehicle carrying any of the following dangerous goods—

UN 3257	ELEVATED TEMPERATURE LIQUID, N.O.S.
UN 3258	ELEVATED TEMPERATURE SOLID, N.O.S.

shall display on each side and at the rear a sign conforming in form and colour to figure 6, with sides of at least 250 mm.”; and

(c) at the end, add the following figure—

“Figure 6 Elevated temperature substances

Figure 6 Elevated temperature substances

Status: This is the original version (as it was originally made).



The background colour of the sign shall be white, and the colour of the border and the thermometer symbol shall be red.”

26. In Schedule 11—

- (a) in paragraph 1(4)(e), delete the words “non-combustible, deeply”;
- (b) in paragraph 16, for the words—

“UN 3093	CORROSIVE SOLID, OXIDIZING, N.O.S.*”
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substitute the following—

“UN 3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.”; and
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- (c) in paragraph 18, for the words from “Where” to “Schedule,” substitute the following—
“Where the following dangerous goods—

UN 2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, mysorite)
UN 2315	POLYCHLORINATED BIPHENYLS
UN 2590	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)
UN 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
UN 3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN 3151	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID
UN 3152	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID,”