

## Step by Step Guide to Finding Controls and Other Useful Links

[www.ermanz.govt.nz](http://www.ermanz.govt.nz)

*This is a guide for industry to find out what to do and how to go about finding out about controls that apply to your hazardous substances under HSNO. A list of useful web links is also listed here for further information.*

### Step 1: Compile a List of Substances

Most organisations will have a list of the substances that they handle or a hazardous substances register. The list will probably include a reference to the substance, its common and alternative names, the classification, whether it is flammable or poisonous, the maximum and typical quantity that you hold and where it is used in the organisation. Many of you will also hold a safety data sheet or users guide.

Your hazardous substances register is a good starting point but if you do not have such a list, compiling one is your first priority. See Annex 1 to see what this could look like.

The next step is to locate the substance in the ERMA New Zealand transfer documents and establish its classification.

### Step 2 Find the Substance Classification

#### How to do this?

Go to the ERMA New Zealand website <http://www.ermanz.govt.nz/> select <Hazardous Substances> then <Substances being Transferred> scroll down to find the <Single Component List>. Note there are three lists and you will need to select the appropriate alphabetic group to look in.

Hit <Ctrl + F> and you can search by substance name or CAS Number. Remember you may need to look in each alphabetic grouping.

Clicking on the link in the column headed 'Substance Group' will take you to the appropriate Transfer Document and you can now find the substance and

record its classification. You can do this by hitting <Ctrl + F> and searching the Transfer Document.

Remember the list of substances to be considered for transfer is a preliminary list of single component substances only - it will be continually added to as more substances are identified for transfer. Do remember that the controls may vary in the final transfer documents that will be gazetted at transfer.

### **Step 3 Unsure of the CAS Number or Synonyms for your substance?**

If you are unsure of the proper name or CAS registry number of your substance, there are a number of chemical databases accessible through the internet, which may help. A site which we have found particularly helpful is: ChemID : <http://chem.sis.nlm.nih.gov/chemidplus/> you could also try Chemfinder : <http://chemfinder.cambridgesoft.com/>

### **Step 4 Knowing the Classification, you can now find out about Controls**

Looking at the Transfer Report for your substance, will provide the default controls to enable you to establish the following requirements:

- the need for a Test Certificate for the location
- the need to be an Approved Handler
- if the substance is subject to Tracking
- if there are any compatibility issues
- What you must do about Emergency Management?
- What Signage and documentation do you need?
- Whether there are issues for disposal?
- Whether there are issues to do with packaging?

### **An example**

The Dry Cleaning Industry uses PERC as a cleaning agent.

What is PERC? What do the regulations demand?

Visit <http://chem.sis.nlm.nih.gov/chemidplus/> website and enter PERC and search. The search will find **Tetrachloroethylene** and the CAS No RN:127-18-4.

Hit <http://www.ermanz.govt.nz/hs/transfer-sing-complislist.asp> and search the lists for 127-18-4. You will find

Ethene, tetrachloro-	127-18-4		<a href="#">STS</a>
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Follow the link to the Scheduled Toxic Substances page on the website. Go to the Transfer Report and search again for CAS NO: 127-18-4 and you will find the classification and controls. Notably:

Substance	CAS No.	HSNO Classification	HSNO Default Controls
Ethene, tetrachloro-	127-18-4	6.1E 6.3A 6.4A 6.7A 6.9B 9.1A 9.2C 9.3B	T1, T2, T3, T4, T5, T6, T7, T8, E1, E2, E4, E5, E6, E7, E8, I1, I3, I8, I9, I11, I16, I17, I18, I19, I21, I23, I28, I29, I30, P1, P3, P13, P15, PG2, D4, D5, D6, D7, D8, EM1, EM6, EM7, EM8, EM11, EM12, EM13, AH1- 6.7A >10L, 9.1A >0, TR1

T are the toxic controls, E the ecotoxic, I the identification but these controls are explained in the transfer documents.

### Step 5 Check the Classification to see if the following apply

**Do you need a Test Certificate for the location?** Location Certificates are only required for class 1 to 5 substances. Not a class 5, no location certificate.

If you have a class 2 to 5 substance refer to New Table 4 in the Hazardous Substances (Class 1 to 5 Controls) Amendment Regulations 2004.

**Do you need to be an Approved Handler?** Refer to the Hazardous Substances (Class 6, 8 and 9) Regulations Schedule 1.

For example

Class of substance	Quantity
6.1A, 6.1B, 6.1C (except for propellant powders of classes 1.1C (UN 0160) and 1.3C (UN 0161))	Any quantity
6.7A	10 kg or more, if solid 10 L or more, if liquid
8.2A	Any quantity
9.1A, 9.2A, 9.3A, and 9.4A	Any quantity
Propellant powders of classes 1.1C(UN 0160) and 1.3C (UN 0161)	50 kg or more before sale to the public 15 kg or more after sale to the public

Class 6.7A requires an Approved Handler if the quantity handled exceeds 10 kg or 10 litres.

Class 9.1A requires an Approved Handler for any quantity.

If you have a class 2 to 5 substance refer to the Hazardous Substances (Class 1 to 5 Controls) Regulations 2001 Schedule 3 Tables 2 and regulation 38 Hazardous Substances(Class 1 to 5 Controls) Amendment Regulations 2004.

**Is the Substance subject to Tracking?** Refer to the Hazardous Substances (Tracking) Regulations Schedule 1

Intrinsic property of substance	Hazard classifications as specified in Hazardous Substances (Classification) Regulations 2001
Explosiveness	Cover all classes of Explosives.( See Tracking Regulations for exceptions )...
Flammability	3.1A and 3.2A, 4.1.2A and 4.1.2B, 4.1.3A, 4.2A, 4.3A
Capacity to oxidise	5.1.1A, 5.2A and 5.2B
Toxicity	6.1A, 6.1B, and 6.1C
Ecotoxicity	9.1A, 9.2A, 9.3A and 9.4A

Class 9.1A requires the substance be tracked. (Note that this control has now been removed for PERC)

This provides the base reference to the default controls. To understand the requirements of the control references you will need to refer to the appropriate regulations. The *User Guide to Controls Regulations* includes a Key to Control Codes (see Annex 2) which is an excellent starting point, although the detail is in the HSNO Controls Regulations. You can either contact us directly or visit our website at [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for a copy of the User Guide.

If the substance has a classification 2, 3, 4 or 5 then you might need a location Test Certificate and approved handler. In this case you will need to refer the threshold quantities in the Hazardous Substances (Class 1 to 5 Controls) Regulations.

Examples of a class 2 and class 5 substance are included in the table Annex 1

### **Next Step Contact a Test Certifier**

If you require a location Test Certificate, contact a Test Certifier who will inspect the site and ensure you have the necessary requirements in place before a location Test Certificate will be issued.

If you require an Approved Handler qualification and the substance you are handling needs to be tracked, contact a Test Certifier who will advise you on the minimum experience and knowledge to obtain the necessary Test Certificates.

A register of Test Certifiers is available on our website under <http://www.ermanz.govt.nz/search/test-cert-reg.asp>

# Hazardous Substance Register

Annex 1

No	Substance Name	Cas No	Alternative Trade Names	Classification	Quantity Held	Location Certificate <sup>1</sup>	Approved Handler	Tracking	
1	<p><b>Ethene, tetrachloro-</b></p> <p>A chlorinated hydrocarbon used as an industrial solvent and cooling liquid in electrical transformers. Chronic exposure to this compound may pose a health hazard to animals and humans. It is considered a potential carcinogen.</p>	127-18-4	<p>1,1,2,2-Tetrachloroethene 1,1,2,2-Tetrachloroethylene 4-01-00-00715 (Beilstein Handbook Reference) AI3-01860 Antisol 1 BRN 1361721Ankilostin Carbon bichloride Carbon dichloride CCRIS 579 Caswell No. 827 Didakene Dilatin PT Dow-per EINECS 204-825-9 ENT 1,860 EPA Pesticide Chemical Code 078501 Ethene, tetrachloro- Ethylene tetrachloride Ethylene, tetrachloro- Fedal-UN HSDB 124 NCI-C04580 NSC 9777 PCE</p>	<p>Perawin Perc Perchlor Perchloroethylene Perclene D Percosolv Percosolve PERK Perklone Persec RCRA waste number U210 Tetlen Tetracap Tetrachloroethylene Tetrachloroethene Tetrachloroethylene Tetrachloroethylene (IUPAC) Tetraquer Tetraleno Tetralox Tetravec Tetroguer Tetropil UN1897</p>	<p>6.1E 6.3A 6.4A 6.7A 6.9B 9.1A 9.2C 9.3B</p>	<p>Max 50litres Typically 40litres</p>	<p>None</p>	<p>Yes 6.7A &gt; 10 litres. Yes 9.1A &gt; 10 litres.</p>	<p>9.1A Note: this control has been varied and tracking is not required.</p>
2	<p><b>Stoddard Solvent</b></p> <p>Low aromatic hydrocarbon solvents – medium flashpoint Complex mixtures of hydrocarbons consisting of straight-chain, branched-chain, and cyclic alkanes and aromatic hydrocarbons. Aromatic hydrocarbons are less than 30%. Products typically have carbon numbers in the range C9 to C18 and boiling from 140°C to 300°C. Flash Point: Greater than or</p>	8052-41-3	<p>Caswell No. 802 EINECS 232-489-3 Low aromatic hydrocarbon solvents – medium flashpoint Naphtha, solvent Naphtha, stoddard solvent Petroleum distillates Stoddard solvent White spirit</p>	<p>3.1C 6.1E 6.3B 9.1B</p>	<p>Max 40 litres 2 x 20 litre Typical 30 litres</p>	<p>Yes 3.1C 100 ltr closed 25 ltr decanting 5 ltr open occasionally 1 ltr open continuously</p>	<p>Yes 3.1C 100 ltr closed 25 ltr decanting 5 ltr open occasionally 1 ltr open continuously</p>	<p>No</p>	

<sup>1</sup> Note: The quantity that dictates a location certificate is the quantity ratio.

No	Substance Name	Cas No	Alternative Trade Names	Classification	Quantity Held	Location Certificate <sup>1</sup>	Approved Handler	Tracking
	equal to 23°C but less than or equal to 60°C.							
3	<b>Ethyne</b>	74-86-2	Acetylene EINECS 200-816-9 Ethine Ethyne HSDB 166 Narcylen UN1001	2.1.1A	2 cylinders	>100 kg No	>100 kg No	No

## Key to Controls Codes

## Annex 2

<b>Code</b>	<b>Regulation #</b>	
	<b>Classes 1 to 5 Controls Regulations</b>	<b>Description</b>
X1	Reg 7	General test certification requirements for all class 1 to 5 substances
X2	Reg 8	General public transportation restrictions and requirements for all class 1 to 5 substances
X3	Reg 13	Requirement for explosives to be under the control of an approved handler
X4	Reg 14	General limits on location of explosives
X5	Reg 15	Limits on impact or pressure or shock
X6	Regs 16, 17	Limits on spark energy, heat and fire,
X7	Reg 18	Limits on static electricity in relation to equipment
X8	Reg 19	Protection from stray electrical currents
X9	Reg 20	Protection from electromagnetic radiation
X10	Regs 21 – 25	Segregation of incompatible substances and securing explosive substances
X11	Regs 26 – 29, 31	Controls on hazardous substance locations where explosives are kept
X12	Reg 30	Test certification requirement for hazardous substance locations
X13	Regs 32 – 34	Controls on intended detonation and deflagration of explosive substances
X14	Regs 35 – 39, 41 – 43	Controls on outdoor pyrotechnic displays using class 1 category G explosives, including approved handler requirements
X15	Reg 40	Requirement to obtain test certificate for outdoor pyrotechnic displays using class 1 category G explosives
X16	Regs 44, 45	Controls on indoor pyrotechnic displays using class 1 category G explosives, including approved handler requirements
X17	Regs 46 – 50	Requirements for the transfer of explosive substances
X18	Regs 51 – 52	Requirements for the transportation of explosive substances by public road or rail
	<b>Classes 1 to 5 Controls Regulations</b>	<b>Description</b>
F1	Reg 7	General test certification requirements for all class 1 to 5 substances
F2	Reg 8	General public transportation restrictions and requirements for all class 1 to 5 substances
F3	Reg 55	General limits on flammable substances
F4	Reg 56	Certain flammable substances to be under the control of an approved handler
F5	Regs 58, 59	Requirements regarding hazardous atmosphere zones for class 2.1.1, 2.1.2 and 3.1 substances

F6	Regs 60 – 70	Requirements to prevent unintended ignition of class 2.1.1, 2.1.2 and 3.1 substances
F7	Regs 71, 72	Limits on ignition sources and temperature for class 3.2 and 4 substances
F8	Reg 73	Requirements to prevent unintended ignition of class 4.1.1 substances
F9	Reg 74	Requirements to prevent unintended ignition of class 4.1.2 substances
F10	Reg 75	Requirements to prevent unintended ignition of class 3.2 and 4.1.3 substances
F11	Reg 76	Segregation of incompatible substances
F12	Regs 77, 78	General requirement for hazardous substance locations for flammable substances
F13	Regs 79, 80	Requirements to control adverse effects of unintended ignition of class 3.2 and 4 substances at hazardous substance locations
F14	Reg 81	Test certification requirements for facilities where class 2.1.1, 2.1.2 or 3.1 substances are present
F15	Reg 82	Test certification requirements for facilities where class 3.2 or 4 substances are present
F16	Reg 83	Controls on transit depots where flammable substances are present
F17	Regs 84, 85	Requirements to control adverse effects of intended ignition of flammable substances, including requirements for protective equipment and clothing
<b>Oxidising substances</b>	<b>Classes 1 to 5 Controls Regulations</b>	<b>Description</b>
O1	Reg 7	General test certification requirements for all class 1 to 5 substances
O2	Reg 8	General public transportation restrictions and requirements for all class 1 to 5 substances
O3	Reg 88	General limits on class 5.1.1 and 5.1.2 substances
O4	Reg 89	Certain class 5.1.1 and 5.1.2 substances to be under the control of an approved handler
O5	Reg 91	Requirements to prevent unintended combustion or explosion of class 5.1.1 and 5.1.2 substances
O6	Reg 92	Requirements for equipment and clothing
O7	Reg 93	Requirements to control adverse effects of spills or failure of containers
O8	Regs 94 – 97	Controls on hazardous substance locations where class 5.1.1 or 5.1.2 substances are present, including additional requirements for facilities where these substances are manufactured
O9	Regs 98 – 100	Test certification requirements for hazardous substance locations where class 5.1.1 or 5.1.2 substances are present, including additional requirements for facilities where these substances are manufactured
O10	Reg 101	Controls on transit depots where class 5.1.1 or 5.1.2 substances are present
O11	Reg 102	Requirements to control adverse effects of intended combustion or explosion of class 5.1.1 or 5.1.2 substances, including requirements for protective equipment and clothing
<b>Organic peroxides</b>	<b>Classes 1 to 5 Controls Regulations</b>	<b>Description</b>

OP1	Reg 7	General test certification requirements for all class 1 to 5 substances
OP2	Reg 8	General public transportation restrictions and requirements for all class 1 to 5 substances
OP3	Reg 106	General limits on class 5.2 substances
OP4	Reg 107	Certain class 5.2 substances to be under the control of an approved handler
OP5	Regs 109, 110	Requirements to prevent unintended combustion or explosion of class 5.2 substances, including limits on temperature
OP6	Reg 111	Limits on impact or pressure shock
OP7	Reg 112	Requirements for equipment and clothing
OP8	Reg 113	Requirements to control adverse effects of spills or failure of containers
OP9	Reg 114	Requirements to prevent unintended combustion or explosion of 5.2A substances
OP10	Reg 115	Requirements to prevent unintended combustion or explosion of class 5.2B, 5.2C, 5.2D, 5.2E or 5.2F substances
OP11	Regs 116 – 119	Controls on hazardous substance locations where class 5.2 substances are present, including additional requirements for facilities where these substances are manufactured
OP12	Regs 120 – 123	Test certification requirements for hazardous substance locations where class 5.2 substances are present, including additional requirements for facilities where these substances are manufactured and requirements for securing class 5.2 substances
OP13	Reg 124	Controls on transit depots where class 5.2 substances are present
OP14	Regs 125 – 126	Requirements to control adverse effects of intended combustion or explosion of class 5.2 substances, including requirements for protective equipment and clothing
<b>Toxic substances (incl biological corrosives)</b>	<b>Classes 6, 8 and 9 Controls Regulations</b>	<b>Description</b>
T1	Regs 11-27	Limiting exposure to toxic substances; setting values for acceptable daily exposure (ADE)/reference dose (RfD), potential daily exposure (PDE), tolerable exposure limit (TEL); prohibition on use of substances in excess of TEL
T2	Regs 29-30	Controlling exposure in places of work and other 'use' situations; setting of workplace exposure standards (WES)
T3	Regs 5(1), 6	Requirements for keeping records of use
T4	Reg 7	Requirements for equipment used to handle substances
T5	Reg 8	Requirements for protective clothing and equipment
T6	Reg 9	Quantities of toxic substances that require an approved handler
T7	Reg 10	Restrictions on carriage of toxic substances on passenger service vehicles
T8	Reg 28	Controls for vertebrate poisons

<b>Ecotoxic substances</b>	<b>Classes 6, 8 and 9 Controls Regulations</b>	<b>Description</b>
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E1	Regs 32 – 45	Limiting exposure to ecotoxic substances, the environmental exposure limit (EEL) approach
E2	Regs 46 – 48	Restrictions on use of substances in application areas
E3	Reg 49	Controls relating to protection of terrestrial invertebrates eg beneficial insects
E4	Regs 50 – 51	Controls relating to protection of terrestrial vertebrates
E5	Regs 5(2), 6	Requirements for keeping records of use
E6	Reg 7	Requirements for equipment used to handle substances
E7	Reg 9	Quantities of ecotoxic substances that require an approved handler
E8	Reg 10	Restrictions on carriage of ecotoxic substances on passenger service vehicles
<b>Identification</b>	<b>Identification Regulations</b>	<b>Description</b>
I1	Regs 6, 7, 32 – 35, 36(1) – (7)	Identification requirements, duties of persons in charge, accessibility, comprehensibility, clarity and durability
I2	Reg 8	Priority identifiers for corrosive substances
I3	Reg 9	Priority identifiers for ecotoxic substances
I4	Reg 10	Priority identifiers for explosive substances
I5	Reg 11	Priority identifiers for flammable substances
I6	Reg 12	Priority identifiers for organic peroxides
I7	Reg 13	Priority identifiers for oxidising substances
I8	Reg 14	Priority identifiers for toxic substances
I9	Reg 18	Secondary identifiers for all hazardous substances
I10	Reg 19	Secondary identifiers for corrosive substances
I11	Reg 20	Secondary identifiers for ecotoxic substances
I12	Reg 21	Secondary identifiers for explosive substances
I13	Reg 22	Secondary identifiers for flammable substances
I14	Reg 23	Secondary identifiers for organic peroxides
I15	Reg 24	Secondary identifiers for oxidising substances
I16	Reg 25	Secondary identifiers for toxic substances
I17	Reg 26	Use of generic names
I18	Reg 27	Requirements for using concentration ranges
I19	Regs 29 – 31	Additional information requirements, including situations where substances are in multiple packaging
I20	Reg 36(8)	Durability of information for class 6.1 substances
I21	Regs 37-39, 47-50	General documentation requirements
I22	Reg 40	Specific documentation requirements for corrosive substances
I23	Reg 41	Specific documentation requirements for ecotoxic substances
I24	Reg 42	Specific documentation requirements for explosive substances

I25	Reg 43	Specific documentation requirements for flammable substances
I26	Reg 44	Specific documentation requirements for organic peroxides
I27	Reg 45	Specific documentation requirements for oxidising substances
I28	Reg 46	Specific documentation requirements for toxic substances
I29	Regs 51, 52	Signage requirements
I30	Reg 53	Advertising corrosive and toxic substances
<b>Packaging</b>	<b>Packaging Regulations</b>	<b>Description</b>
P1	Regs 5, 6, 7(1), 8	General packaging requirements
P2	Regs 7(2), (3)	Specific criteria for class 4.1.2 and 5.2 substances
P3	Reg 9	Criteria that allow substances to be packaged to a standard not meeting Packing Group I, II or III criteria
P4	Reg 10	Packaging requirements for explosive substances (class 1)
P5	Reg 11	Packaging requirements for flammable liquids (subclass 3.1)
P6	Reg 12	Packaging requirements for liquid desensitised explosives (subclass 3.2)
P7	Reg 13	Packaging requirements for flammable solids (subclasses 4.1.1 and 4.1.3)
P8	Reg 14	Packaging requirements for self-reactive flammable substances (subclass 4.1.2)
P9	Reg 15	Packaging requirements for substances liable to spontaneous combustion (subclass 4.2)
P10	Reg 16	Packaging requirements for substances that emit flammable gases when in contact with water (subclass 4.3)
P11	Reg 17	Packaging requirements for oxidising substances (subclass 5.1.1)
P12	Reg 18	Packaging requirements for organic peroxides (subclass 5.2)
P13	Reg 19	Packaging requirements for toxic substances (class 6)
P14	Reg 20	Packaging requirements for corrosive substances (class 8)
P15	Reg 21	Packaging requirements for ecotoxic substances (class 9)
PG1	Schedule 1	Packaging requirements equivalent to UN Packing Group I
PG2	Schedule 2	Packaging requirements equivalent to UN Packing Group II
PG3	Schedule 3	Packaging requirements equivalent to UN Packing Group III
<b>Disposal</b>	<b>Disposal Regulations</b>	<b>Description</b>
D1	Reg 5	Disposal requirements for class 1 substances (explosives)
D2,	Reg 6	Disposal requirements for class 2,3,4 substances (flammables)
D3	Reg 7	Disposal requirements for class 5 substances (oxidisers)
D4	Reg 8	Disposal requirements for class 6,8 substances (toxics and corrosives)
D5	Reg 9	Disposal requirements for class 9 substances (ecotoxics)
D6	Reg 10	Disposal requirements for packages

D7	Regs 11, 12	Information requirements for manufacturers, importers and suppliers, and persons in charge
D8	Regs 13, 14	Documentation requirements for manufacturers, importers and suppliers, and persons in charge
<b>Emergency Management</b>	<b>Emergency Management Regulations</b>	<b>Description</b>
EM1	Regs 6, 7, 9 – 11	Level 1 information requirements for suppliers and persons in charge
EM2	Reg 8(a)	Information requirements for corrosive substances
EM3	Reg 8(b)	Information requirements for explosive substances
EM4	Reg 8(c)	Information requirements for flammable substances
EM5	Reg 8(d)	Information requirements for oxidising substances and organic peroxides
EM6	Reg 8(e)	Information requirements for toxic substances
EM7	Reg 8(f)	Information requirements for ecotoxic substances
EM8	Regs 12-16, 18-20	Level 2 information requirements for suppliers and persons in charge
EM9	Reg 17	Additional information requirements for flammable and oxidising substances and organic peroxides
EM10	Regs 21 – 24	Fire extinguisher requirements
EM11	Regs 25 – 34	Level 3 emergency management requirements: duties of person in charge, emergency response plans
EM12	Regs 35 – 41	Level 3 emergency management requirements: secondary containment
EM13	Reg 42	Level 3 emergency management requirements: signage
<b>Tracking</b>	<b>Tracking Regulations</b>	<b>Description</b>
TR1	Regs 4(1), 5, 6	General tracking requirements
TR2	Reg 4(2)	Requirement to track explosive (class 1) substances
<b>Approved handlers</b>	<b>Personnel Qualification Regulations</b>	<b>Description</b>
AH1	Regs 4 – 6	Approved Handler requirements (including test certificate and qualification requirements)

## Some Useful web links on the ERMANZ website:

### **DANGEROUS GOODS**

#### **Transfer of Dangerous Goods webpage**

<http://www.ermanz.govt.nz/hs/transfer-dangerous-goods.asp>

#### **Approved Handler Training Course**

<http://www.ermanz.govt.nz/news-events/events.asp>

#### **Approved Handler (Quick Guide)**

[pdf – 531 kb] <http://www.ermanz.govt.nz/resources/publications/pdfs/er-qg-21-1.pdf>

*Look out for Dangerous Goods Dispatch (March 2004) coming soon.*

#### **Dangerous Goods Dispatch (Dec 02)**

<http://www.ermanz.govt.nz/hs/transfer-dg-dispatch.asp>

#### **Dangerous Goods Dispatch (Oct 03)**

<http://www.ermanz.govt.nz/hs/transfer-dg-dispatch2.asp>

### **Class 2**

Consultation Document

<http://www.ermanz.govt.nz/consultations/dg-consult-class2.pdf>

Transfer Report

<http://www.ermanz.govt.nz/hs/dangerous-goods/dg-gases-report.pdf>

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Standing Committee Decision

<http://www.ermanz.govt.nz/hs/dangerous-goods/dg-gases-decision.pdf>

### **Petrol and Petroleum products**

Consultation Document

<http://www.ermanz.govt.nz/consultations/dg-consult-petroleum-products.pdf>

Transfer Report

<http://www.ermanz.govt.nz/hs/dangerous-goods/dg-petrol-report.pdf>

Standing Committee Decision

<http://www.ermanz.govt.nz/hs/dangerous-goods/dg-petrol-decision.pdf>

### **Classes 3, 4 and 5**

Consultation Document

<http://www.ermanz.govt.nz/consultations/dg-consult-subs-class345.pdf>

Transfer Report

<http://www.ermanz.govt.nz/hs/dangerous-goods/dg-class345-report.pdf>

Standing Committee Decision

<http://www.ermanz.govt.nz/hs/dangerous-goods/dg-class345-decision.pdf>

### **Single Component list of substances being considered for Transfer (alphabetical lists)**

1.1 to Cz

<http://www.ermanz.govt.nz/hs/transfer-sing-complis-dgs.asp#list1>

D to Hz

<http://www.ermanz.govt.nz/hs/transfer-sing-complis-dgs1.asp#list2>

I to Z

<http://www.ermanz.govt.nz/hs/transfer-sing-complis-dgs2.asp#list3>

### **Specifications for Regulations for Transport of Bulk Liquid and Gaseous Hazardous Substances by Road and Rail [pdf - 131 kb].**

<http://www.ermanz.govt.nz/hs/dangerous-goods/road-rail-wagon-specs.pdf>

### **Technical Specifications for Regulations for Compressed Gases [pdf - 156 kb].**

<http://www.ermanz.govt.nz/hs/dangerous-goods/compress-gas-specs.pdf>

### **Consultation on the Specifications for Controls for Stationary Containers for Hazardous Liquids and Gases and proposals for Amendments to the Hazardous Substances Regulations 2001 [pdf - 263 kb].**

<http://www.ermanz.govt.nz/consultations/statcontain-specs-consult.pdf>

### **Licensing requirements for the storage of spirits and fortified wines**

<http://www.ermanz.govt.nz/hs/transfer-dg-licencing-facts.asp>

## **SCHEDULED TOXIC SUBSTANCES**

### **Transfer of Scheduled Toxic Substances**

<http://www.ermanz.govt.nz/hs/transfer-sch-toxic-subs.asp>

### **STS Dispatch February 2004**

<http://www.ermanz.govt.nz/hs/sts/sts-dispatch-feb04.pdf>

### **STS Documents**

Consultation Document

<http://www.ermanz.govt.nz/hs/sts/sts-classif-controls.pdf>

Transfer Report

<http://www.ermanz.govt.nz/hs/sts/sts-transfer-report.pdf>

Standing Committee Decision

<http://www.ermanz.govt.nz/hs/sts/sts-decision.pdf>

### **List of Scheduled Toxic Substances to be considered for Transfer**

<http://www.ermanz.govt.nz/hs/transfer-sing-complis-sts.asp>

**Specifications for Regulations for Transport of Bulk Liquid and Gaseous Hazardous Substances by Road and Rail [pdf - 131 kb].**

<http://www.ermanz.govt.nz/hs/dangerous-goods/road-rail-wagon-specs.pdf>

**Technical Specifications for Regulations for Compressed Gases [pdf - 156 kb].**

<http://www.ermanz.govt.nz/hs/dangerous-goods/compress-gas-specs.pdf>

**Consultation on the Specifications for Controls for Stationary Containers for Hazardous Liquids and Gases and proposals for Amendments to the Hazardous Substances Regulations 2001 [pdf - 263 kb].**

<http://www.ermanz.govt.nz/consultations/statcontain-specs-consult.pdf>

## **TEST CERTIFIERS**

### **Test Certification**

<http://www.ermanz.govt.nz/hs/hs-comp-test-certifiers.asp>

### **Expression of Interest in becoming a Test Certifier**

<http://www.ermanz.govt.nz/hs/hs-comp-interest-testcertif.asp>

### **Approved Handler (Quick Guide) [pdf – 531 kb]**

<http://www.ermanz.govt.nz/resources/publications/pdfs/er-qg-21-1.pdf>

### **Certificates for Approved Handlers (guide) [pdf - 33 kb] or [doc - 73 kb].**

<http://www.ermanz.govt.nz/hs/compliance/g-certif-approved-handlers.pdf>

### **Test Certifiers Register**

<http://www.ermanz.govt.nz/search/test-cert-reg.asp>

### **Test Certifier Training Providers and Assessors**

<http://www.ermanz.govt.nz/hs/hs-comp-test-certifiers.asp#providers>

### **Approved Handler Training Providers**

<http://www.ermanz.govt.nz/hs/hs-comp-test-certifiers.asp#approvedhandlers>

### **Approval as a Test Certifier (application form - TC-01-2) [pdf - 306 kb].**

<http://www.ermanz.govt.nz/resources/publications/pdfs/ER-AT-01-2.pdf>

### **Becoming a Test Certifier (User Guide) [pdf - 715 kb].**

<http://www.ermanz.govt.nz/resources/publications/pdfs/ER-UG-06-3.pdf>

### **Test Certifiers (Quick Guide) [pdf - 715 kb].**

<http://www.ermanz.govt.nz/resources/publications/pdfs/ER-QG-15-2.pdf>

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