

Sources of Information

B) Safety, Health and Environmental Protection Legislation

Note: access to all Acts and Regulations is available at www.legislation.govt.nz

Agricultural Compounds & Veterinary Medicines Act

Biosecurity Act

Boilers Lifts and Cranes Act

Building Act

Building Regulations

Carriage by Air Act

Carriage of Goods Act

Chemical Weapons Prohibition Act

Civil Aviation Act

Civil Defence Emergency Management Act

Climate Change Response Act

Conservation Act

Conservation Law Reform Act

Electricity Act

Electricity (Safety) Regulations

Electrical Wiring Regulations

Employment Relations Act

Energy Efficiency and Conservation Act

Energy (Fuels, Levies and References)

Environment Act

Environmental Protection Authority Act

Fire Extinguishers Regulations

Fire Safety and Evacuation of Buildings Regulations

Fire Service Act

Fire Service Regulations

Fireguards Regulations

Food Act

Food Hygiene Regulations

Food Regulations

Gas Act

Gas Regulations

Harbours Act

Hazardous Substances & New Organisms Act

Hazardous Substances & New Organisms Amendment Act

Hazardous Substances & New Organisms Amendment Act

Commencement Order (No.2)

Hazardous Substances (Minimum Degrees of Hazard) Regulations

Hazardous Substances (Classification) Regulations

Hazardous Substances (Classes 1 – 5 Controls) Regulations

Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations

Hazardous Substances (Identification) Regulations

Hazardous Substances (Emergency Management) Regulations

Hazardous Substances (Packaging) Regulations

Hazardous Substances (Tracking) Regulations

Hazardous Substances (Disposal) Regulations

Hazardous Substances (Fireworks) Regulations

Hazardous Substances (Exempt Laboratories) Regulations

Hazardous Substances (Forms and Information) Regulations
Hazardous Substances & New Organisms (Personnel Qualifications) Regulations
Hazardous Substances: Group Standards
Health Act
Health and Safety in Employment Act
Health and Safety in Employment Regulations
Health and Safety in Employment (Asbestos) Regulations
Health and Safety in Employment (Prescribed Matters) Regulation
Health and Safety in Employment (Pressure Equipment, Cranes and Passenger Ropeways) Regulations

Industry Training Act
Injury Prevention, Rehabilitation, & Compensation Act

Land Transport Act
Land Transport Rule: Dangerous Goods
Land Transport Rule: Vehicle Exhaust Emissions
Lead Process Regulations
Local Government Act

Machinery Act
Marine Pollution Act
Marine Pollution (Dispersants and Exceptions) Regulations
Marine Pollution (Dumping and Incineration) Regulations
Marine Pollution (Insurance Certificates) Regulations
Marine Pollution (Records) Regulations
Maritime Transport Act
Medicines Act
Misuse of Drugs Act

NZ Gazettes (HSNO Act): 9, 35, 65, 72, 128, 140, 141, 167, 174
NZ Gazettes (HSNO Act): 73, 92, 99, 2008
NZ Gazettes (HSNO Act): 61, 62, 66, 67, 68, 70, 71, 72, 73, 74, 75, 76
NZ Gazettes (HSNO Act): 47
NZ Gazettes (HSNO Act): 195
NZ Gazettes (HSNO Act): 66, 90, 166
Noxious Substances Regulations

Ozone Layer Protection Act
Ozone Layer Protection Regulations

Petroleum Products Specifications Regulations
Plastic Wrapping Regulations
Protected Disclosures Act
Psychoactive Substances Act

Radiation Protection Act
Radiation Protection Regulations
Reserves Act
Resource Management Act
Resource Management Amendment Act
Resource Management (National Environmental Standards Relating to Certain Air Pollutants, Dioxins and Other Toxics) Regulations
Resource Management (Marine Pollution) Regulations

Sale of Goods Act
Smokefree Environments Act
Soil Conservation & Rivers Control Act
Waste Minimisation Act

Sources of Information

a) HSNO Approved Codes of Practice

HSNOCOP 1	University and CRI Exempt Laboratories
HSNOCOP 2	Signage for Premises Storing Hazardous Substances
HSNOCOP 3	Management of Agrichemicals
HSNOCOP 4	Thermoplastic Tanks to BS EN 12573-2:2000 for Storing Class 5, 6, 8 and 9
HSNOCOP 5	Approved Handler Certificate Explosives
HSNOCOP 6	Flammable Liquids Tank Wagons
HSNOCOP 6, V2	Flammable Liquids Tank Wagons
HSNOCOP 8	Preparation of Safety Data Sheets
HSNOCOP 9	Product Labelling and Documentation Guide for Agricultural Compounds and Veterinary Medicines
HSNOCOP 10	Labelling of Hazardous Substances
HSNOCOP 11	Rotomoulded Tanks to Contain Diesel
HSNOCOP 12	Rotationally Moulded Polyethylene Tanks
HSNOCOP 13	Existing Stationary Container Systems up to 60,000 Litres
HSNOCOP 14	Filling Below Ground Petrol Tanks by Pumping
HSNOCOP 15	School Exempt Laboratories
HSNOCOP 16	Hazardous Substance Storage
HSNOCOP 17	Fibreglass Stationary Tanks to ULC-ORD-C80.1-2000
HSNOCOP 18	Retail Fireworks
HSNOCOP 19	Disused Below Ground Stationary Tanks on Farms
HSNOCOP 20	UL296 as a Design Standard for a Burner
HSNOCOP 21	Pipework Marking for Class 3.1 Liquid Fuels in Storage Depots
HSNOCOP 22	Pipework Under Pressure
HSNOCOP 23	Gas Cylinders of Composite Construction Designed to ISO11119-1 Part 1
HSNOCOP 24	Above Ground Stationary Tanks with Integral Secondary Containment
HSNOCOP 25	Existing Stationary Container Systems at Timber Treatment Facilities
HSNOCOP 26	Approved Handler Qualifications for Land Blasting
HSNOCOP 27	Management of Explosive Sample
HSNOCOP 28	Incompatible Hazardous Substance Storage
HSNOCOP 29	Flammable Gases and Oxygen Tank Wagons
HSNOCOP 30	Outdoor Pyrotechnic Displays
HSNOCOP 31	Control and Safe Use of Fumigants
HSNOCOP 32	Motorsport Fuel - Storage and Handling
HSNOCOP 33	Gas Cylinders of Composite Construction Designed to EN 12245:2009
HSNOCOP 34	Exempt Laboratories - Manufacturing Research and Development
HSNOCOP 35	Transport and Transfer of Explosives
HSNOCOP 36	Preparing for a Chemical Emergency
HSNOCOP 37	Hazardous Atmosphere Zones (b)
HSNOCOP 38	In Situ Filling of LPG Cylinders
HSNOCOP 39	Toxic, Corrosive and Ecotoxic Liquids Tank Wagons
HSNOCOP 40	LPG Cylinders Manufactured to EN1442:2006 + A1:2008
HSNOCOP 41	Fibre Reinforced Compressed Gas Cylinders to ISO 11119-2
HSNOCOP 42	Storage of Class 3.1 Substances in Retail Stores
HSNOCOP 43	Seamless Aluminium Compressed Gas Cylinders Manufactured to ISO 7866:1999
HSNOCOP 44	Below Ground Stationary Container Systems for Petroleum - Design and Installation
HSNOCOP 45	Below Ground Stationary Container Systems for Petroleum - Operation
HSNOCOP 46	Non-Refillable Cylinders Manufactured to BS EN 12205:2001
HSNOCOP 47	Secondary Containment Systems
HSNOCOP 49	Periodic Testing of Compressed Gas Cylinders to AS 2337.1 2004 and AS 2337.3 2006
HSNOCOP 50	LPG Compliance 100kg to 300kg
HSNOCOP 51	Fire Doors
HSNOCOP 52	Fumigation at Northport (Marsden Point)
HSNOCOP 53	Compressed Gas Cylinder Fittings Standards
HSNOCOP 55	Storage of Explosives
HSNOCOP 56	Design and Construction of Thermoplastic Tanks for Class 6, 8 and 9 Hazardous Liquids
HSNOCOP 58	Construction and Testing of Intermediate Bulk Containers
HSNOCOP 59	Burners Complying with EN 746
HSNOCOP 60	Stationary Container Systems Connected to a Generator Set
HSNOCOP 63	Management and Handling of Used Oil

Sources of Information

d) Standards

- CAN/CSA Z731 Emergency Preparedness and Response
- CAN/CSA Z1600 Emergency Management and Business Continuity Programmes
- CAN/CSA Z1610 Protection of First Responders From Chemical, Biological, Radiological and Nuclear (CBRN) Events
- AS/NZS 1596 The Storage and Handling of LP Gas - Selection, Use and Maintenance Of
- AS/NZS 1715 Respiratory Protective Equipment
- AS/NZS 1841 Portable Fire Extinguishers
- AS/NZS 1850 Portable Fire Extinguishers - Classification, Rating and Performance Testing
- AS 1894 The Storage and Handling of Non-Flammable Cryogenic and Refrigerated Liquids
- AS 1940 The Storage and Handling of Flammable and Combustible Liquids
- AS/NZS 2022 Anhydrous Ammonia – Storage and Handling
- AS 2187 Explosives – Storage, Transport and Use
- AS 2220 Emergency Warning and Intercommunication Systems in Buildings
- AS/NZS 2243 Safety in Laboratories
- AS/NZS 2293 Emergency Evacuation Lighting in Buildings
- AS/NZS 2430.3 Classification of Hazardous Areas
- AS 2714 The Storage and Handling of Organic Peroxides
- AS/NZS 2927 The Storage and Handling of Liquefied Chlorine Gas
- AS/NZS 2982 Laboratory Design and Construction
- AS/NZS 3504 Fire Blankets
- AS 3745 Planning for Emergencies in Facilities
- AS 3780 The Storage and Handling of Corrosive Substances
- AS/NZS 3833 The Storage and Handling of Mixed Classes of Dangerous Goods in Packages and IBCs
- AS 3846 The Handling and Transport of Dangerous Cargoes in Port Areas
- AS/NZ 4081 The Storage and Handling of Liquid and Liquefied Polyfunctional Isocyanates
- NZS 4104 Seismic Restraint of Building Contents
- NZS 4219 Seismic Performance of Engineering Systems in Buildings
- AS 4326 The Storage and Handling of Oxidizing Agents
- AS 4332 The Storage and Handling of Gases in Cylinders
- AS/NZS 4452 The Storage and Handling of Toxic Substances
- NZS 4503 Hand Operated Fire Fighting Equipment
- NZS PAS 4509 New Zealand Fire Service Fire Fighting Water Supplies Code of Practice
- NZS 4512 Fire Alarm Systems in Buildings
- NZS 4541 Automatic Fire Sprinkler Systems
- AS/NZS 4681 The Storage and Handling of Class 9 (Miscellaneous) Dangerous Goods and Articles
- AS 4775 Emergency Eyewash and Shower Equipment
- AS/NZS 5026 The Storage and Handling of Class 4 Dangerous Goods
- AS/NZS 5050 Business Continuity – Managing Disruption - Related Risk
- NZS 5433 Transport of Dangerous Goods on Land
- NZS 6742 Emergency Lighting in Buildings
- BS 8468 Respiratory Protective Devices for use Against Chemical, Biological, Radioactive and Nuclear Agents
- BS 25999-1 Business Continuity Management Part 1: Code of Practice
- BS 25999-2 Business Continuity Management Part 2: Specification
- AS/NZS ISO 31000 Risk Management – Principles and Guidelines
- AS/NZS 60079.10 Electrical Apparatus for Explosive Gas Atmospheres, Part 10, Classification of Hazardous Areas
- Initial Emergency Response Guide
- SNZ HB167 Security Risk Management
- SNZ HB4525 Fire Risk Management Handbook

National Fire Protection Association, USA

- 30 Flammable and Combustible Liquids Code
- 30B Manufacture and Storage of Aerosol Products
- 45 Standard on Fire Protection for Laboratories Using Chemicals
- 49 Hazardous Chemicals Data
- 110 Standard for Emergency and Standby Power Systems
- 111 Standard on Stored Electrical Energy Emergency and Standby Power Systems
- 325 Guide to Fire Hazard Properties of Flammable Liquids, Gases and Volatile Solids
- 400 Hazardous Materials Code
- 424 Guide for Airport/Community Emergency Planning
- 432 Code for the Storage of Organic Peroxide Formulations
- 472 & 473 Hazardous Materials/Weapons of Mass Destruction Response Handbook
- 490 Storage of Ammonium Nitrate
- 491 Guide to Hazardous Chemical Reactions
- 497 Recommended Practice for the Classification of Flammable Liquids, Gases or Vapours and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.
- 704 Standard System for the Identification of the Hazards of Materials for Emergency Response
- 1600 Disaster/Emergency Management and Business Continuity Programs
- 1620 Recommended Practice for Pre-Incident Planning
- 49/325/491/497/704 Fire Protection Guide to Hazardous Materials

Construction Industry Research and Information Association, UK

- CIRIA C598 Chemical Storage Tank Systems – Good Practice <http://www.ciria.org/>
- CIRIA R163 Construction of Compounds for Oil Storage Tanks
- CIRIA R164 Design of Containment Systems for the Prevention of Water Pollution From Industrial Incidents

Sources of Information

e) Responsible Care New Zealand

- CHEMCALL® 24/7 Emergency Response Advisory Service for Chemical Emergencies
- CHEMSAFE® HSNO Compliance Software.
- Contingency Planning, Section 6, Responsible Care Manager's Handbook®, Responsible Care Management System®
- Handling Small Spills.
- Hazardous Substances Storage Chart – HSNO Approved Code 16-1.
- Labelling of Hazardous Substances – HSNO Approved Code 10-1.
- Preparation of Safety Data Sheets – HSNO Approved Code 8-1.
- Preparing for a Chemical Emergency – HSNO Approved Code 36-1.
- PRINCE® Site Compliance Assessments and Accreditation.
- Signage for Premises Storing Hazardous Substances and Dangerous Goods–HSNO Approved Code 2-1.

Sources of Information

f) New Zealand Publications

- Above-Ground Bulk Tank Containment Systems, Environmental Guidelines for the Petroleum Agrichemical Hazard Response Handbook: Agro-Research Enterprises.
- Approved Code of Practice for the Prevention, Detection and Control of Fire and Explosion in NZ Dairy Industry for Spray Drying Plant: Department of Labour.
- Approved Code of Practice for the Prevention of Sulphur Fires and Explosions: Department of Labour.
- Design, Installation and Operation of Underground Petroleum Storage Systems: Department of Labour.
- Emergency Management Guide: Environment Canterbury Marketing Companies: Ministry for the Environment.
- Emergency Management (Quick Guide): EPA Management of Existing Underground Petroleum Storage Systems, Supplement No.1: Department of Labour.
- Fire and Emergency Evacuation: NZ Fire Service.
- Guide to the National Civil Defence Plan: Ministry of Civil Defence and Emergency Management.
- Managing Hazards to Prevent Major Industrial Accidents: Department of Labour.
- National Hazardous Substance Technical Liaison Committee Advisory Group (Terms of Reference): NZ Fire Service.
- New Zealand Co-ordinated Incident Management System (CIMS): New Zealand Fire Service.
- New Zealand Fire Service Guide to Evacuation Schemes.
- Radiation Incident Response Plan: National Radiation Laboratory (NRL).
- Safe Use of Radioactive Materials: NRL.
- Seismic Design of High Level Storage Racking Systems with Public Access: BRANZ.

Sources of Information

g) International Publications

- An Engineer's View of Human Error: Trevor A. Kletz.
- APELL - Awareness and Preparedness for Emergencies at Local Level: United Nations Environmental Programme.
- Bretherick's Handbook of Reactive Chemical Hazards: Academic Press.
- Buncefield: Why Did it Happen?: Health and Safety Executive, UK.
- Chemical Hazards Response Information Systems (CHRIS): US Coastguard.
- Dangerous Goods Sites – Emergency Planning Code: Dept of Consumer Affairs and Employment Protection, Western Australia.
- Disaster and Emergency Planning: Michael Krikorian.
- Emergency Planning: Department of Urban Affairs and Planning, NSW.
- Emergency Planning-Guidelines for Hazardous Industry: Dept of Emergency Services, Queensland.
- Emergency Plans: Guidelines for Major Hazard Facilities: Dept of Emergency Services, Queensland.
- Emergency Preparedness and Response: A Buncefield Report.
- Emergency Preparedness: Findings From the Chemical Safety Board Accident Investigations (DVD): US Chemical Safety Board.
- Emergency Preparedness Response and Recovery Checklist – Beyond the Emergency Management Plan: American Health Lawyers Association, USA.
- Emergency Response Planning Guide: Canadian Centre of Occupational Health and Safety, Hamilton, Ontario, Canada.
- Guidance Concerning Chemical Safety in Port Areas: OECD.
- Guidance Concerning Health Aspects of Chemical Accidents: OECD.
- Guiding Principles for Chemical Accident Prevention, Preparedness and Response: OECD.
- Guidelines for Safe Warehousing of Chemicals, CCPS: American Institute of Chemical Engineers.
- Hawley's Condensed Chemical Dictionary: Richard J. Lewis Sr.
- Emergency Responders' Guide to Chemical Reactivity and Compatibility: Donald Drum.
- Emergency Response to Chemical Accidents: James T. O'Reilly.
- Essential Practices for Managing Chemical Reactivity Hazards: Centre for Chemical Process Safety of the American Institute of Chemical Engineers.
- Hazardous Materials Emergencies: John R. Cashman.
- How to Respond to Hazardous Chemical Spills: Noyes Data Corporation.
- Inviting Disaster – Lessons From The Edge of Technology: James R. Chiles.
- Learning from Accidents in Industry: Trevor A. Kletz.
- Lee's Loss Prevention in the Process Industries: Elsevier Butterworth-Heinemann.
- Lessons from Disaster – How Organisations Have No Memory and Accidents Recur: Trevor A. Kletz.
- Operational Risk Management – A Case Study Approach to Effective Planning and Response: MD Abkowitz.
- Prevention of Major Industrial Accidents: International Labour Office.
- Sax's Dangerous Properties of Industrial Materials: Richard J. Lewis Sr.
- Site and Supply Chain Security Guidance: PACIA.
- Site Security Guidelines for the US Chemical Industry: American Chemistry Council.
- Sodium Cyanide Emergency Response Manual: PACIA.
- Street Smart™ Chemistry – Emergency Response Guide: E.I. du Pont de Nemours & Coy.
- Substances Hazardous to Health Emergency Spillage Guide: Croner.
- TDI Emergency Response Manual: Plastics and Chemicals Industries Association Australia (PACIA).
- Warehouse Assessment Protocol: American Chemistry Council-Canadian Chemical Producers Association.
- What Went Wrong? Case Histories of Process Plant Disasters: Trevor A. Kletz.
- Wireless Information System for Emergency Responders: United States National Library of Medicine.

Sources of Information

h) Useful Websites

EPA:	www.epa.govt.nz
Ministry of Business, Innovation and Employment	www.mbie.govt.nz
Ministry of Civil Defence and Emergency Management:	www.civildefence.govt.nz
NZFS Guide to Evacuation Schemes:	www.evacoline.fire.org.nz
NZ Legislation:	www.legislation.govt.nz
Responsible Care New Zealand Inc:	www.responsiblecarenz.com
US Chemical Safety and Hazard Investigation Board:	www.chemsafety.gov
WHO Manual on Management of Chemical Incidents:	www.who.int/environmental_health_emergencies/publications/FINAL-PHM-Chemical-Incidents_web.pdf
WHO Manual on the Public Health Management of Chemical Incidents:	www.who.int/environmental_health_emergencies/publications/Manual_Chemical_Incidents/en/index.html