



SafeWork NSW

# GUIDE FOR MANUFACTURE EXPLOSIVES AND/OR SECURITY SENSITIVE DANGEROUS SUBSTANCES LICENCE APPLICANTS

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This publication may contain information about the regulation and enforcement of work health and safety in NSW. It may include some of your obligations under some of the legislation that SafeWork NSW administers. To ensure you comply with your legal obligations you must refer to the appropriate legislation.

Information on the latest laws can be checked by visiting the NSW legislation website [www.legislation.nsw.gov.au](http://www.legislation.nsw.gov.au)

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## INTRODUCTION

The NSW Explosives Regulation provides for the licensing of corporations or individuals who wish to manufacture explosives and/or security sensitive dangerous substances (SSDS). This guide provides applicants with information to complete the *Licence to manufacture explosives and/or security sensitive dangerous substance application* (catalogue no. SW08293) (the application form).

Under the NSW Explosives Act, if the regulations require a licenced person to handle explosives and explosive precursors, it is an offence for an unlicensed person to handle such material.

## RELEVANT LEGISLATION, STANDARDS AND CODE OF PRACTICE

- NSW Explosives Act
- NSW Explosives Regulation
- Australian Explosives Code
- Australian Standard AS 2187
- Australian Standard AS 4326
- Australian Dangerous Goods Code

## LICENCE CONDITIONS

The NSW Explosives Act provides that the licence holder cannot contravene any conditions to which the licence is subject. The SafeWork NSW publication *General explosive licence and security clearance conditions under the NSW Explosives Act and Regulation* outlines the conditions to which a manufacture licence holder is subject.

## MANUFACTURE LICENCE AUTHORISATIONS

A licence to manufacture authorises the licence holder to carry out the following activities:

- If the licence relates to a mobile processing unit, transporting the explosives or explosive precursors specified in the licence in the mobile processing unit to the premises or location at which explosives are to be manufactured and manufacturing explosives at those premises using the mobile processing unit.
- If the licence does not relate to a mobile processing unit, manufacturing the explosives or explosive precursors specified in the licence, at the premises specified in the licence.
- Supplying (including importing or exporting), at the premises (if any) specified in the licence, the explosives or explosive precursors specified in the licence.
- Purchasing or possessing explosives or explosive precursors for the purpose of the manufacture of other explosives or explosive precursors under the licence.
- Possessing explosives or explosive precursors manufactured under the licence.
- Possessing explosives or explosive precursors for the purpose of the disposal of the explosives or explosive precursors under the licence.
- If premises are specified in the licence, storing the explosives or explosive precursors at the premises.

## EXPLOSIVE PRECURSORS

Currently only Security Sensitive Ammonium Nitrate is prescribed as a SSDS. Security Sensitive Ammonium Nitrate (SSAN) is any of the following:

- Ammonium nitrate that is not a dangerous good of class one (such as an explosive).
- Ammonium nitrate emulsions, suspensions or gels containing greater than 45 per cent ammonium nitrate.
- Ammonium nitrate mixtures containing greater than 45 per cent ammonium nitrate.

## WHO MAY APPLY FOR A MANUFACTURE LICENCE

Corporations or individuals may apply for a licence to manufacture explosives and/or SSDS.

### AGE RESTRICTIONS

The individual applicant or the responsible person for a corporation must be 18 years of age or over to apply for a licence to manufacture explosives and/or SSDS.

A responsible person is the individual nominated by a corporation applicant who is involved in the management of that corporation and who will be responsible for the safety and security of the explosives and/or SSDS stored at the site and who will ensure compliance with any conditions of the licence and explosives legislation.

### CORPORATION APPLICANTS

A corporation must nominate at least one natural person who is responsible for the activities to be authorised by the licence.

### SECURITY CLEARANCE

The individual applicant or the responsible person for corporation applicants must have a current security clearance (SC) (previously called an Unsupervised Handling Licence (UHL)) or apply for an SC at the same time as the manufacture licence. However, the manufacture licence will not be processed until the SC has been approved. For more information on an SC, refer to the SafeWork NSW publication *Guide for applying for a security clearance* (catalogue no. SW08133) available on the SafeWork NSW website.

### EXPERIENCE AND KNOWLEDGE

The individual applicant or the responsible person for a corporation must have experience and knowledge that is demonstrated by the submission of a Statement of Experience and Knowledge.

For the responsible person, this submission is made by the corporation applicant.

For an individual applicant, the submission is made by the individual applicant.

The Statement of Experience and Knowledge must cover:

- experience in the safe handling and storage of explosives and/or SSDS for which authorisation on the licence is sought
- knowledge of the Australian Explosives Code, Australian Dangerous Goods Code (for SSDS) and AS 2187 (explosives) and/or AS 4326 (SSDS)
- training or qualifications (if applicable).

## AUTHORISATION TO EXPORT EXPLOSIVES

If the applicant requires authorisation on the licence to export explosives, section 13 of the application form must be completed.

## OPERATING A MOBILE PROCESSING UNIT

If the applicant intends to operate a mobile processing unit, section eight of the application form must be completed.

## MANUFACTURING PROCESS DETAILS

Details of each stage of the manufacturing process must be provided with this application form. Identify on the site sketch (required as part of the security plan) where each process occurs on the site.

## LEGITIMATE REASON FOR REQUESTING A LICENCE

It is a requirement for any licence relating to the handling of SSDS, that the applicant must have a legitimate reason for obtaining the licence. The applicant must select the relevant reason(s) on the application form. If the reason 'other' is selected, the application must provide details.

## DURATION OF A MANUFACTURE LICENCE

The licence will last for five years unless cancelled earlier, or otherwise stated.

## HOW TO APPLY FOR A MANUFACTURE LICENCE

Complete the application form available on the SafeWork NSW website and lodge it online. The form is also available on the Service NSW website.

### FEE

For the fee for a manufacture licence refer to the [SafeWork NSW fees schedule](#) available at [www.safework.nsw.gov.au](http://www.safework.nsw.gov.au). If you are also applying for an SC, an additional fee is required to be paid at the time of lodging the applications.

## APPLYING FOR STORAGE AUTHORISATION

If the storage site is on a coal or mining workplace, the assessment for storage authorisation is performed by the NSW Department of Industry.

### REQUIREMENT FOR EMERGENCY PLAN

It is a requirement for any licence which includes storage of explosives and/or SSDS above certain amounts (more than 50 kg NEQ of explosives, and/or more than 50 tonnes of SSDS), that adequate arrangements are in place for dealing with an emergency. This includes providing a copy of the emergency plan, and any changes to the plan, to the Commissioner of Fire and Rescue NSW and/or the NSW Rural Fire Service (as appropriate).

### SAFETY MANAGEMENT PLAN

From 1 March 2014 licence to manufacture holders must have a safety management plan describing the risk management procedures to address safety risks associated with activities authorised under the licence.

### SITE STORAGE FACILITY

A site storage facility is any area, building, room or container where explosives are stored or handled. The application form requires the storage facility identifier, type, the maximum storage capacity and the class/division of the largest quantity of explosives or SSDS to be stored within it.

## SITE STORAGE FACILITY IDENTIFIERS

Storage facilities must be given individual names or numbers, called the storage facility identifier, that are up to four letters or numbers in length (for example DEP1). The storage facility identifier is to be used on the A4 size site sketch (see the publication *Security plan for the storage and handling of explosives and security sensitive dangerous substances guide* (catalogue no. SW08292) available on the SafeWork NSW website for more information about the site sketch).

## TYPE OF STORAGE FACILITY

In the application form, the type of storage facility that will store explosives must be nominated:

Type	
Internal magazine	External magazine
Fenced compound	Room inside a building
Underground magazine	Warehouse
Magazine	Enclosed roof store
Roofless package store	Underground cavern
Explosive receptacle	Roofed store
Enclosed roof store	Roofless package store
Process mixing	Process dispersing
Process extraction	Process distillation

## NATURE OF THE SITE

The application form requires a description of the nature of site (ANZSIC code and description). This is based on the Australia and New Zealand Standard Industrial Classification System (ANZSIC). For more information about ANZSIC visit the Australian Bureau of Statistics website at [www.abs.gov.au](http://www.abs.gov.au).

See Appendix 1 for a list of ANZSIC codes and associations descriptors from which to choose.

## EXPLOSIVES AND/OR EXPLOSIVE PRECURSORS TO BE STORED

The application form requires that, for all explosives and/or explosive precursors to be stored within each magazine, the following is provided: UN number, Class or division, Typical quantity to be stored and units (L or kg/NEQ (Net Explosive Quantity) or number), the Proper shipping name and the Product or common name.

## MAP

A photocopy from a local street directory or other map showing the locality of the storage site is required to be submitted with the application form. Please mark the location of the site on the map with an X.

## SECURITY PLAN

Authorisation for storage requires the submission, with the application form, of a security plan. Information on how to complete a security plan is provided in the SafeWork NSW publication *Security plan for the storage and handling of explosives and security sensitive dangerous substances guide* (catalogue no. SW08292) available on the SafeWork NSW website.

## SAFETY

For the safe handling of explosives, refer to the SafeWork NSW publication *Secure and safe handling of explosives and security sensitive dangerous substances guide* (catalogue no. SW08441).

# OBLIGATIONS OF LICENCE HOLDERS

## CHANGE OF DETAILS

It is a condition of a manufacture licence that the licence holder must notify SafeWork NSW within 14 days of any change in address or other details provided in their application.

For change of name or address or contact details, for individual or corporation use the *Change of details – application* (catalogue no. SW08163). For changes to authorisations on a licence (changes to storage or to add another responsible person), use the *Amendment to an explosive licence – application* (catalogue no. SW08135). Both are located on the SafeWork NSW website.

## ADDITIONAL INFORMATION

For additional information about applying for a manufacture explosives and/or SSDS licence contact SafeWork NSW on 13 10 50 or visit the website at [www.safework.nsw.gov.au](http://www.safework.nsw.gov.au).

## APPENDIX 1 – ANZSIC CODES AND DESCRIPTORS

ANZSIC Code	Descriptor
011	Nursery and Floriculture Production
012	Mushroom and Vegetable Growing
013	Fruit and Tree Nut Growing
014	Sheep, Beef Cattle and Grain Farming
015	Other Crop Growing
016	Dairy Cattle Farming
017	Poultry Farming
018	Deer Farming
019	Other Livestock Farming
020	Aquaculture
030	Forestry and Logging
041	Fishing
042	Hunting and Trapping
051	Forestry Support Services
052	Agriculture and Fishing Support Services
060	Coal Mining
070	Oil and Gas Extraction
080	Metal Ore Mining
091	Construction Material Mining
099	Other Non-Metallic Mineral Mining and Quarrying
101	Exploration
109	Other Mining Support Services
111	Meat and Meat Product Manufacturing
112	Seafood Processing
113	Dairy Product Manufacturing
114	Fruit and Vegetable Processing
115	Oil and Fat Manufacturing
116	Grain Mill and Cereal Product Manufacturing
117	Bakery Product Manufacturing
118	Sugar and Confectionery Manufacturing
119	Other Food Product Manufacturing
121	Beverage Manufacturing
122	Cigarette and Tobacco Product Manufacturing
131	Textile Manufacturing
132	Leather Tanning, Fur Dressing and Leather Product Manufacturing
134	Knitted Product Manufacturing
135	Clothing and Footwear Manufacturing
135	Clothing and Footwear Manufacturing
141	Log Sawmilling and Timber Dressing
149	Other Wood Product Manufacturing
151	Pulp, Paper and Paperboard Manufacturing

ANZSIC Code	Descriptor
152	Converted Paper Product Manufacturing
161	Printing and Printing Support Services
162	Reproduction of Recorded Media
170	Petroleum and Coal Product Manufacturing
181	Basic Chemical Manufacturing
182	Basic Polymer Manufacturing
183	Fertiliser and Pesticide Manufacturing
184	Pharmaceutical and Medicinal Product Manufacturing
185	Cleaning Compound and Toiletry Preparation Manufacturing
191	Polymer Product Manufacturing
192	Natural Rubber Product Manufacturing
201	Glass and Glass Product Manufacturing
202	Ceramic Product Manufacturing
203	Cement, Lime, Plaster and Concrete Product Manufacturing
209	Other Non-Metallic Mineral Product Manufacturing
211	Basic Ferrous Metal Manufacturing
212	Basic Ferrous Metal Product Manufacturing
213	Basic Non-Ferrous Metal Manufacturing
214	Basic Non-Ferrous Metal Product Manufacturing
221	Iron and Steel Forging
222	Structural Metal Product Manufacturing
224	Sheet Metal Product Manufacturing (except Metal Structural and Container Products)
229	Other Fabricated Metal Product Manufacturing
231	Motor Vehicle and Motor Vehicle Part Manufacturing
239	Other Transport Equipment Manufacturing
241	Professional and Scientific Equipment Manufacturing
242	Computer and Electronic Equipment Manufacturing
243	Electrical Equipment Manufacturing
244	Domestic Appliance Manufacturing
245	Pump, Compressor, Heating and Ventilation Equipment Manufacturing
246	Specialist Machinery and Equipment Manufacturing
249	Other Machinery and Equipment Manufacturing
251	Furniture Manufacturing
259	Other Manufacturing
261	Electricity Generation
262	Electricity Transmission
263	Electricity Distribution
264	On Selling Electricity and Electricity Market Operation
270	Gas Supply
281	Water Supply, Sewerage and Drainage Services
291	Waste Collection Services
292	Waste Treatment, Disposal and Remediation Services

ANZSIC Code	Descriptor
301	Residential Building Construction
302	Non-Residential Building Construction
310	Heavy and Civil Engineering Construction
321	Land Development and Site Preparation Services
322	Building Structure Services
323	Building Installation Services
324	Building Completion Services
329	Other Construction Services
331	Agricultural Product Wholesaling
332	Mineral, Metal and Chemical Wholesaling
333	Timber and Hardware Goods Wholesaling
341	Specialised Industrial Machinery and Equipment Wholesaling
349	Other Machinery and Equipment Wholesaling
350	Motor Vehicle and Motor Vehicle Parts Wholesaling
360	Grocery, Liquor and Tobacco Product Wholesaling
371	Textile, Clothing and Footwear Wholesaling
372	Pharmaceutical and Toiletry Goods Wholesaling
373	Furniture, Floor Covering and Other Goods Wholesaling
380	Commission-Based Wholesaling
391	Motor Vehicle Retailing
392	Motor Vehicle Parts and Tyre Retailing
400	Fuel Retailing
411	Supermarket and Grocery Stores
412	Specialised Food Retailing
421	Furniture, Floor Coverings, Houseware and Textile Goods Retailing
422	Electrical and Electronic Goods Retailing
423	Hardware, Building and Garden Supplies Retailing
424	Recreational Goods Retailing
425	Clothing, Footwear and Personal Accessory Retailing
426	Department Stores
427	Pharmaceutical and Other Store-Based Retailing
431	Non-Store Retailing
432	Retail Commission-Based Buying and/or Selling
440	Accommodation
451	Cafes, Restaurants and Takeaway Food Services
452	Pubs, Taverns and Bars
453	Clubs (Hospitality)
461	Road Freight Transport
462	Road Passenger Transport
471	Rail Freight Transport
472	Rail Passenger Transport
481	Water Freight Transport
482	Water Passenger Transport

ANZSIC Code	Descriptor
490	Air and Space Transport
501	Scenic and Sightseeing Transport
502	Pipeline and Other Transport
510	Postal and Courier Pick-up and Delivery Services
521	Water Transport Support Services
522	Airport Operations and Other Air Transport Support Services
529	Other Transport Support Services
530	Warehousing and Storage Services
541	Newspaper, Periodical, Book and Directory Publishing
542	Software Publishing
551	Motion Picture and Video Activities
552	Sound Recording and Music Publishing
561	Radio Broadcasting
562	Television Broadcasting
570	Internet Publishing and Broadcasting
580	Telecommunications Services
591	Internet Service Providers and Web Search Portals
592	Data Processing, Web Hosting and Electronic Information Storage Services
601	Libraries and Archives
602	Other Information Services
621	Central Banking
622	Depository Financial Intermediation
623	Non-Depository Financing
624	Financial Asset Investing
631	Life Insurance
632	Health and General Insurance
633	Superannuation Funds
641	Auxiliary Finance and Investment Services
642	Auxiliary Insurance Services
661	Motor Vehicle and Transport Equipment Rental and Hiring
662	Farm Animal and Bloodstock Leasing
663	Other Goods and Equipment Rental and Hiring
664	Non-Financial Intangible Assets (Except Copyrights) Leasing
671	Property Operators
672	Real Estate Services
691	Scientific Research Services
692	Architectural, Engineering and Technical Services
693	Legal and Accounting Services
694	Advertising Services
695	Market Research and Statistical Services
696	Management and Related Consulting Services
697	Veterinary Services
699	Other Professional, Scientific and Technical Services

ANZSIC Code	Descriptor
700	Computer System Design and Related Services
721	Employment Services
722	Travel Agency and Tour Arrangement Services
729	Other Administrative Services
731	Building Cleaning, Pest Control and Gardening Services
732	Packaging Services
751	Central Government Administration
753	Local Government Administration
754	Justice
755	Government Representation
760	Defence
771	Public Order and Safety Services
772	Regulatory Services
801	Preschool Education
802	School Education
810	Tertiary Education
821	Adult, Community and Other Education
822	Educational Support Services
840	Hospitals
851	Medical Services
852	Pathology and Diagnostic Imaging Services
853	Allied Health Services
859	Other Health Care Services
860	Residential Care Services
871	Child Care Services
879	Other Social Assistance Services
891	Museum Operation
892	Parks and Gardens Operations
900	Creative and Performing Arts Activities
911	Sports and Physical Recreation Activities
912	Horse and Dog Racing Activities
913	Amusement and Other Recreation Activities
920	Gambling Activities
941	Automotive Repair and Maintenance
942	Machinery and Equipment Repair and Maintenance
949	Other Repair and Maintenance
951	Personal Care Services
952	Funeral, Crematorium and Cemetery Services
953	Other Personal Services
954	Religious Services
955	Civic, Professional and Other Interest Group Services
960	Private Households Employing Staff and Undifferentiated Goods, and Service Producing Activities of Households for Own Use

