



Application for an explosives storage licence

Applying for or
amending an explosives
storage licence
(surface and underground)



Applying for a licence

Resources Safety wants to ensure that people storing explosives do so without creating risks to the community. Stringent criteria apply to where and how explosives are stored, and all sites and compounds with a few exceptions, used for the storage of explosives in Western Australia must be licensed.

This application seeks information on a number of important matters relating to how your explosives are to be stored and the site maintained. It is essential that the person completing this application has the knowledge and ability to determine the specific requirements from the regulations and Australian Standards affecting security, safety distances, fire protection, earthing and lightning protection, etc. at the site.

Who needs to hold this licence?

Any person (other than the exceptions listed at page 3) who stores an authorised explosive must hold an Explosives Storage Licence that authorises the storage at a specific site. Authorised explosives are those which have been certified by the Chief Officer as being fit for purpose and meeting various requirements and criteria specified in the regulations.

On mine sites in particular, there can be several companies using explosives and each may have a separate magazine compound. Where these situations arise, each site or compound must be the subject of a separate application for licence. Where a number of magazine sites are owned / operated by the same company on the same mine site or premises, they can all be accommodated on the same Explosives Storage Licence.

This application form can be used for the following:

- Applying for a licence for a new site or compound; or
- Amending details on an existing licence where there is no change to site ownership or occupancy. (e.g. addition or deletion of magazines); or
- Where there is a change of ownership or new licence holder, a new application must be made. (licences are not transferrable).

Other than for a new licence, the Explosives Storage Licence number previously issued by Resources Safety must be indicated on the application. This number can be obtained from existing licence papers or by contacting a Resources Safety customer service officer.

Underground explosives storage

On 1 March 2008, a number of regulations under Part 8 - Explosives, of the Mines Safety Inspection Regulations 1995 (MSIR) were either fully or partially repealed. Operators of mines should familiarise themselves with these changes.

Simultaneously, the storage of explosives underground became subject to the Dangerous Goods Safety (Explosives) Regulations 2007. Licensing provisions for underground magazines came into effect on 1 March 2009 and is no different to that which has always applied to the surface storage of explosives.

Where a mine site currently has an Explosives Storage Licence for surface explosives storage, it can be amended to include any underground explosives storage. An application form must be lodged for this to occur.

Relocation of explosives from surface facilities to underground magazines will be closely examined by Resources Safety to ensure that safety and security has not been compromised and that all matters are addressed in the Explosives Management Plan (EMP) and a risk assessment.

Storage of unauthorised explosives

Any person storing an unauthorised explosive must hold a test permit that authorises such storage.

Other explosives licences that allow limited storage

The Explosives Regulations allow for holders of the following types of licences to store limited quantities of explosives without the need for an Explosives Storage Licence.

Licence type	Description
Shotfiring licence	<p>If the area of the place of storage is 2 ha or less:</p> <ul style="list-style-type: none"> not more than 100 detonators; and blasting explosive and blasting explosive initiators, the NEQ of which is not more than 2.5 kg. <p>OR</p> <p>If the area of the place is more than 2 ha:</p> <ul style="list-style-type: none"> not more than 100 detonators; and blasting explosive and blasting explosive initiators, the NEQ of which is not more than 10 kg. <p>The area of a place is the combined area of the land on which the explosive is stored and of any land contiguous to that land that is under the same control and management.</p> <p>There is no limit to the quantity of initiating articles (excluding detonators) that may be stored, if the holder is authorised to possess the articles under the Shotfiring Licence.</p>
Pyrotechnics (Special Use) Licence	<ul style="list-style-type: none"> the holder is authorised to possess the explosive under the licence; there is not more than 2.5 kg of explosives of classification code 1.1 or 1.2 being stored; there is not more than 15 kg of explosives with a classification code of 1.3 being stored; and there is not more than 30 kg of explosives with a classification code of 1.4 being stored.
Fireworks Contractor Licence	<ul style="list-style-type: none"> The holder is authorised to possess the explosive under the licence and is able to store; not more than 2.5 kg of explosives of classification code 1.1 or 1.2; not more than 15 kg of explosives with a classification code of 1.3; and not more than 30 kg of explosives with a classification code of 1.4.
Fireworks Event Permit	Storage of fireworks is permitted at the place if the permit authorises such storage.

(Note: NEQ refers to Net Explosives Quantity)

Explosives exempt from licensing

Schedule 6 of the Explosives Regulations allows a range of explosives that are exempt from licensing, namely:

- Sparklers - not more than 1000 kg
- Power device cartridges for safety devices
- Power tool cartridges for nail guns
- Emergency devices; if
 - there is not more than 2.5 kg of emergency devices of classification code 1.1 or 1.2 being stored;
 - there is not more than 15 kg of emergency devices with a classification code 1.3 being stored; and
 - there is not more than 30 kg of emergency devices with a classification code 1.4 being stored.
- Ammunition, ammunition propellant and black powder -
 - ammunition - any quantity;
 - ammunition propellant - where the NEQ (excluding any ammunition propellant in the ammunition) is not more than 15 kg; and
 - black powder - not more than 4 kg.

General requirements

The Explosives Storage Licence is issued for 3 years and may be renewed. The licence fee payable is determined by the total quantity of explosives stored at the site and specific details of fees are described in a schedule on the Resources Safety website.

Licences can only be issued to individuals, body corporates, partnerships or trusts that can demonstrate a genuine need to hold one. Where the application is from an individual, a licence will only be issued if certain eligibility requirements are met and the Chief Officer is satisfied the applicant:

- is 18 years of age or over;
- holds a current WA Dangerous Goods Security Card;
- can demonstrate the conduct of a business that involves the storage and handling of explosives;
- has developed and can apply an EMP, including a security plan (unless exempt).

An application by a body corporate, partnership or trust must nominate an authorised person who will be responsible for the safety and security of the explosives possessed under the licence. The individual named in an application will be required to answer questions relating to their integrity. Such person must possess a current WA Dangerous Goods Security Card, or mutually recognised security clearance, and can be someone who is involved in the management of, or employed by, the body or partnership. (refer to section on security clearances at page 5). The individual's personal details will be displayed in the licence.

All sections of the application must be completed. Any fields that are not applicable should be marked 'N/A'.

Obligations of the licence holder

Licence holders have an obligation to:

- comply with any provisions and conditions of the licence;
- inform the Chief Officer within 14 days of becoming aware that information given in an application for licence is or has become incorrect and provide the correct information;
- comply with the Act and regulations as they relate to the storage of explosives;
- comply with the EMP submitted with the application;
- ensure all blasting explosives, detonators and initiating devices are stored appropriately;
- keep and maintain proper written records of all explosives used and handled;
- keep all magazines secure and perform regular stock takes and inspections;
- ensure a copy of the MSDS for each explosive stored at the site is available in an easily accessible position to -
 - any person handling the explosive; and
 - any person treating a person for an injury suffered when handling the explosive; and
- inform the Chief Officer of any accidents or incidents that occur within the site covered by the licence.

Supervised and unsupervised access - what does this mean?

For the purposes of these regulations an individual is *supervised* by another person while he or she has access to an explosive if at the time he or she:

- is in the presence of the other person; or
- is in a place where any handling or removal of the explosive is controlled by the other person.

A licence holder may authorise an employee to have access to the explosives in the licence holder's possession. If the access is supervised or in a controlled environment there is no specific need for the employee to have a security clearance. Such matters would need to be detailed in the EMP.

If access to the explosives is to be *unsupervised* the employee must possess a security clearance and be authorised by the licence holder as a secure employee.

Secure employees

Holders of explosives licences may authorise their employees to have unsupervised access to explosives in the course of their duties providing:

- the employee has a security clearance; and
- the licence holder is satisfied the employee is suitably trained to safely handle any explosive that the employee will have unsupervised access to.

Persons authorised are deemed to be 'secure employees' and the employer is required to maintain written records of all secure employees including when authorisations were granted or cancelled.

Persons who are not secure employees are not permitted to have unsupervised access to explosives.

Reference materials

Further information:

- *Dangerous Goods Safety Act 2004*
- Dangerous Goods Safety (Explosives) Regulations 2007
- Mines Safety and Inspection Regulations 1995
(downloads of the Act and regulations are available free on the State Law Publisher's website at www.slp.wa.gov.au)
- Australian Explosives Code, 2nd edition
(available from www.canprint.com.au or Can Print, Phone: 1300 889 837)
- Guide for an Explosives Management Plan
- Explosives Management Plan template
- Schedule of prescribed fees and charges for dangerous goods
- Dangerous goods safety bulletins
- Dangerous goods safety guidance note X03/08 - Storage of explosives
(available from www.dmp.wa.gov.au/ResourcesSafety)
- Australian Standard 1768, Lightning protection
- Australian Standard 2187.0, Explosives — storage, transport and use — Part 0: Terminology
- Australian Standard 2187.1, Explosives — storage, transport and use — Part 1: Storage
(copies of Australian Standards are available from SAI Global. Phone: 13 12 42 or www.saiglobal.com/shop)

Applicant details

Licences can only be granted to an individual, a body corporate, partnership or trust. An application from a body corporate must be in the name as described on the certificate of incorporation, and a **certified copy** of the certificate is to be provided with the application.

The following are also recognised as corporate bodies:

- Federal or State Government Departments
- Local Government authorities (Cities, Towns, Shires)
- Some semi-government organisations (e.g. Water Corporation, Western Power)

Where an unincorporated body owns/operates/leases premises or a site, or undertakes an activity (and does not wish, or is not eligible, to become incorporated (i.e. small businesses, associations, etc.) an eligible individual person must be nominated to be the applicant.

An application from a partnership must include:

- a **certified copy** of evidence of the partnership; and
- a statutory declaration from **each** partner stating:

- the name of the partnership
- the name, home address and contact details of all partners; and
- business in which the partnership is engaged.

The licence will be granted in the name of the partnership.

Applications may be received in respect to premises that are operating under a trust. The licence cannot be granted to a trust, but can be granted to, as an example, *'The trustees of the ABC Trust'*. Applications from trusts must include:

- a certified copy of a document which states the name of the trust; and
- the name, home address and contact details of **at least one of the trustees**.

Licences cannot be granted to business names or trading names.

Please ensure that a contact number is provided in case the Departmental assessor needs to clarify matters or seek additional information. A residential business address is mandatory and may be supplemented with a post office address.

Security clearances

Access to explosives and security risk substances (SRS), such as most formulations of ammonium nitrate with more than 45% ammonium nitrate content, is now strictly controlled in Western Australia. The Dangerous Goods Safety (Explosives) Regulations 2007 are rigorous across all aspects of explosives use, storage, handling and transport and incorporate the security provisions negotiated under the Council of Australian Governments (COAG) agreement of 25 June 2004 on counter-terrorism measures.

It is now a requirement that explosives related licence holders and people with unsupervised access to explosives or SRS possess a security clearance (and where necessary be a secure employee of their employer). Key features of the assessment process are identity checks to confirm the status of applicants as well as national criminal history record checks including an ASIO clearance.

As a means of proof of a valid security clearance, individuals will be issued with a photographic WA Dangerous Goods Security Card valid for 5 years, and it will be subject to renewal. The security card will allow portability of the security clearance between employers.

Individuals who wish to apply for an Explosives Storage Licence or are named in the application must first obtain a WA Dangerous Goods Security Card. An exemption is in place until 31/12/2009 for persons who need to obtain a security clearance. Persons requiring a DGSC should make application for the card as soon as possible as the security check process is complex.

Details are available on the Resources Safety website and application forms can only be obtained from and lodged at participating Post Offices around Western Australia.

After 31/12/2009, an Explosives Storage Licence will only be valid while the security clearance of the licence holder (if an individual) or authorised person named in the licence, remains current.

Mutually recognised security clearances

Western Australian explosives regulations have mutually recognised various current explosives and Security Sensitive Ammonium Nitrate (SSAN) licences/permits issued by another State/Territory of Australia as being valid security clearances in this State. This does not apply for permanent residents of WA with more than 3 months residency. These are detailed in the following table:

State/Territory	Legislation
New South Wales	Explosives Regulations 2005
Queensland	Explosives Act 1999
South Australia	Explosives (Security Sensitive Substances) Regulations 2006
Tasmania	Security Sensitive Dangerous Substances Act 2005
Victoria	Dangerous Goods (Explosives) Regulations 2000 Dangerous Goods (HCDG) Regulations 2005
Northern Territory	None applicable
Australian Capital Territory	None applicable

Applicants from interstate, who do not possess a mutually recognised security clearance will be required to obtain a WA Dangerous Goods Security Card in order for this application for licence to proceed.

Integrity information

The regulations require that all individuals who apply for any type of explosives licence must disclose to the Chief Officer:

- details of any relevant offence of which the person has been convicted; and
- details of any charge of a relevant offence against the person that is pending.

The term 'relevant offence' means any of the following:

- an offence against the *Dangerous Goods Safety Act 2004* and regulations;

- an offence against a law of another place that substantially corresponds to the *Dangerous Goods Safety Act 2004* and regulations; or
- an offence against a law of this State or another place, an element of which is the handling, storage or transport of explosives.

Two questions on this matter are contained in part 4 of the application form and answers in the affirmative to either question must be supported by a separate sheet briefly describing details of the offence and/or charge including places, dates and penalties.

Location of storage

Adequate land title information must be provided to enable the precise location of the site or compound for pre-licence assessment and for future inspection purposes. Applicants must wherever possible provide Global Positioning System (GPS) coordinates that may be specified as:

- longitude/latitude (geographic) coordinates using the Geocentric Datum of Australia 1994 (GDA94); or
- eastings/northings (projected) coordinates which should be in Map Grid of Australia (MGA94) metres east (X) and metres north (Y) and specify the zone.

For example, GPS coordinates for ABC Explosives Storage Site - Geographic: 121°29'28"E, 30°44'24"S (or in decimal degrees 121.4913°E, 30.7399°S).

Projected: 355574.17, 6598246.30, zone 51

Complimentary site information can include certificate of title (CT) number, mine site tenement number, Reserve number/name (e.g. 38575/Baldivis, 3540/Kalgoorlie).

Explosives Management Plans (EMP)

The regulations require a risk management approach be taken by persons involved in the storage of explosives. To enable the Chief Officer to consider an applicant's preparedness and ability to store explosives in a safe and secure manner an EMP must be submitted with the application. The licence will not be issued until the EMP has been approved.

Guidelines and a template for an EMP are available from the Resources Safety website. It is not mandatory to use this template but whatever format is chosen must address the same elements. The EMP is a very comprehensive document and must be completed in sufficient detail it to be considered acceptable. The EMP must address a number of matters which are detailed in the regulations, including but not limited to:

- classes and quantities of explosives to be stored on the site (surface and underground);

- incidents involving explosives storage - preparedness and response;
- training of people to comply with the regulations and the EMP;
- reconciliation measures for the movement and use of all explosives at the site;
- measures for the recording of all persons who receive explosives on the site;
- monitoring of compliance with the EMP;
- review of the EMP to ensure its effectiveness;
- assessment of risks in relation to safety of people, property and the environment; and
- assessment of the risks of the sabotage, theft or unexplained loss of or access by unauthorised persons to any explosives possessed under the licence.

Magazine and storage details

The application form must include details of all magazines that are in use, whether they are located on the surface or underground.

Magazine identification (surface and underground)

While Resources Safety no longer registers explosives magazines, it is a requirement that all magazines be easily identified by a unique number that must be painted on the magazine. The number must be alpha/numeric and can either be:

- a number previously allocated by Resources Safety (e.g. ETR001234); or
- a new number created by the applicant.

All new numbers should be a minimum of 6 characters and maximum of 9 characters in length. The alpha characters of the number could be ones that are linked to the applicant's name; the site name or the project name; e.g. ABCUG01 for 'ABC Mine underground 01'.

Storage details

Details of the types of explosives and maximum quantity intended to be stored within each of the magazines listed on your application, must be provided. The description of explosives could include:

- blasting explosives
- detonators
- pyrotechnics
- propellants
- initiation devices
- other (please describe).

Include the corresponding hazard classification code (e.g. 1.1B, 1.1D, 1.3C, 1.4G) for each explosives type listed.

Surface storage

• Construction

Magazines must be constructed in accordance with the requirements of Australian Standard AS 2187.1, or an approved equivalent.

- **Site plans** - two plans must be submitted and both should include a legend and a north point, and either be to scale or show distances in metres:
 - One is to show the whole premises (e.g. a mine site, an explosives reserve). This plan is to incorporate the location of **all** explosives sites or compounds, regardless of ownership or occupancy, and their relationship to surrounding areas with respect to roads, buildings, plant, dangerous goods storages, etc.
 - The other is to show the individual site(s) or compound that is/are the subject of this application. All magazines and any mounding must be clearly displayed.

- To assist your application please include at least two colour photographs of each magazine which clearly shows:

- all exterior markings
- the door in the open position
- interior lining (magazine must be empty)

• Separation distances

Magazines must be located so that the separation distances to protected works (PWA or PWB) comply with the requirements of Table 3.2.3.2 of AS 2187.1.

Where there are two or more magazines in the same compound that are not separated by the inter-magazine distances, the aggregate explosives quantity is used to determine the required distance to PWA and PWB.

The minimum separation distance required between an explosives magazine and a detonator magazine depends on the number of detonators stored. The separation distances required are specified in the following table.

No. of detonators	Separation distance (m)	
	Unmounded	Mounded
2,000	10	3.0
5,000	10	3.0
10,000	10	3.5
20,000	13	4.5
50,000	18	9.0

Underground storage

• Construction of fixed magazines underground

The applicant must provide a description of all magazines to be included on the licence, including numbering and other markings. The following aspects must be addressed and complied with:

- Magazines to be appropriately located away from other installations and critical infrastructure
- Magazine is ventilated directly into return airway
- Adequate access afforded for bulk deliveries to the magazine (including room to park and manoeuvre vehicles)
- Magazine is securely locked against unauthorised entry
- Proper drainage and free of water ingress
- Adequate lighting and any electrical wiring complies with MSIR regulation 8.7 and AS 2236
- Magazine has secure walls and back
- Magazine is white washed to improve illumination
- All intersecting boreholes must be plugged with sufficient column of cement grout
- There is no residual explosives left in any drill holes or butts within the magazine excavation
- Magazine doors or gates open outwards
- Provision to prevent magazine doors or gates from accidentally closing.

- **Location of fixed magazines underground**

Applicants must provide information about the relative location of the underground magazines to the following:

- Shafts
- Mine accesses
- Number of 90 degree bends
- High occupancy areas
- Other dangerous goods storages
- Winders
- Electrical sub-stations
- Pump stations
- Primary or circuit fans
- Mechanical equipment (e.g. conveyor installation)
- Other important installations

- **Ventilation**

Applicants must provide a brief description of how the underground magazines will be ventilated and how it will effectively minimise or mitigate the effect of fumes resulting from any fire or explosion in the magazine.

- **Fire protection**

Applicants must provide a brief description of the fire protection system within the magazine. Where there is no fixed fire protection available, applicants must provide information on what steps have been taken to rectify this issue.

- **Site plans**

- A plan showing the surface layout of the mine site, including portal entrance to the underground workings; and
- A survey plan showing the magazine location in relation to any nearby shaft, decline access, electrical sub-station, pump station, ventilation fan, workshop, crib room, or refuelling facility; and
- A survey plan of the magazine showing layout of the explosives and detonator storages.

Plans should include a legend and a north point and either be to scale or indicate distances in metres.

Plans can be supplemented with appropriate colour photographs. Ensure caution is taken as sources of ignition (cameras) are not permitted inside a magazine.

- **Underground storage - working party's magazines (UWPM)**

A UWPM is now required to comply with the external portable magazine requirements in AS 2187. These magazines can be conveniently located to provide a quantity of explosives (up to 250 kg of explosives or 500 detonators) for a particular job and may be moved around within the underground mine still having regard to the safety of people and the environment and security of the explosives.

Earthing and lightning protection

All explosives magazines must be effectively earthed where the resistance to ground is less than 10 ohms.

Relocatable steel magazines should be earthed at diagonally opposite corners of the magazine.

Note: Each terminal must consist of a 12 mm threaded stud complete with two washers and two nuts screwed into, and silver brazed to, a steel nut that has been welded to the lower edge of the outer case. Studs, washers and nuts must be fabricated from the materials specified for copper conductors in the requirements for materials for component parts in AS 1768.

Relocatable steel magazines require no further lightning protection where they are effectively earthed, except when placed in a vulnerable location. Such locations include:

- elevated positions such as hills or on top of waste dumps; or
- areas known to be highly susceptible to lightning strikes, such as coastal tropical regions.

Lightning finials should be fitted to surface magazines in vulnerable locations and any permanent surface magazines.

AS 1768 gives more information on the requirements of finials for lightning protection.

Application form

Complete the application section, including the checklist and attach all the required information. **Lodgement of an incomplete application may increase the time it takes to issue you with a licence and deficient applications may be returned to the applicant.**

NOTE: Please refer to the schedule of fees on the Resources Safety website for current fee applicable to this licence application. The licence fee payable will vary depending on the total quantity of explosives being stored.

Contact details

Tel: (08) 9358 8001

Fax: (08) 9358 8000

Email: rsdclientservices@dmp.wa.gov.au

Website: www.dmp.wa.gov.au/ResourcesSafety for fees, forms, FAQs, guidance material and publications.



Government of **Western Australia**
 Department of **Mines and Petroleum**
 Resources Safety

Application no. *(office use only)*

ETS

Application for an explosives storage licence

Dangerous Goods Safety Act 2004
Dangerous Goods Safety (Explosives) Regulations 2007

ABN: 69 410 335 356

1. What are you applying for? (please tick one)

A new licence (N)

Additions or amendments

Please indicate the licence no. ETS

Briefly describe the amendment(s) required to the licence. (e.g. changes to number of magazines; storage in particular magazines; nominated person details; postal address details)

Note: Licences cannot be transferred. Where there is a change of ownership an application must be made for a new licence.

2. Applicant details

Please tick one of the following boxes and complete the relevant sections below:

Body corporate Partnership Individual Trust

Body corporate (name as shown on attached certificate of incorporation)

ACN

- Individuals
- Partnerships (names of all partners)
- Trusts (name of at least one trustee)

Family name	Given names

(if insufficient space please attach a separate sheet)

An application from a body corporate must include a certified copy of certificate of incorporation.

An application from a partnership must include:

- a certified copy of evidence of the partnership; and
- a statutory declaration from each partner stating:
 - the name of the partnership
 - the name, home address and contact details of all partners; and
 - the business in which the partnership is engaged

An application from a trust must include a certified copy of a document which states the name of the trust

Name of the registered business or firm, partnership or trust

Contact details (all applicants)

Phone Facsimile

Mobile Email

ABN

Business street address (mandatory)

Unit no. Street no. Lot no. Street

Town/suburb State Postcode

Postal address (complete if different from above)

Unit no. Street no. Lot no. Street

PO box no. Town/suburb State Postcode

3. Authorised person (mandatory if applicant is body corporate or partnership)

Applicant must nominate a person who is responsible for the safety and security of the explosives to be covered by the licence.

Position held

Family name	Given names	Date of birth
<input type="text"/>	<input type="text"/>	<input type="text"/>

Motor driver's licence no.

Expiry date / / State where issued

Street address

Unit no. Street no. Lot no. Street

Town/suburb State Postcode

Phone Facsimile

Email Mobile

4. Integrity information

The following questions must be answered by:

- the applicant if an individual; or
- the authorised person nominated at Part 3 above

Family name	Given names
<input type="text"/>	<input type="text"/>

Have you been convicted of any relevant offence? Yes No

Do you have a charge of a relevant offence pending against you? Yes No

If you answered 'yes' to either of the above questions please attach a separate sheet with details of your full name, date of birth, description of offence and/or charge, places, dates, penalties etc.

Signature Date / /

5. Security clearance details

Completion of this section is mandatory for either an individual applicant or the person named in Part 3.

WA Dangerous Goods Security Card number Expiry date / /

Or

The name of the mutually recognised security clearance from another State/Territory of Australia.

Licence / permit/description

Licence/permit number

Expiry date / / State issued

A certified copy of the licence/permit must be attached to the application.

6. Location of explosives site

Property trading name (if applicable)

Address

Unit no. Street no. Lot no. Street

Town/suburb Postcode

Site phone Site fax

Site email

Additional location information (if there is no valid street address)

Global Positioning System (GPS) coordinates

Geographic (GDA94): Latitude Longitude

And/Or

Projected (MGA94): Easting Northing Zone

Land title information

Certificate of title (CT) number

Minesite tenement number

Reserve name or number (e.g. Baldivis or Kalgoorlie)

Major supplier(s) of explosives to this site

7. Magazine and storage details (surface and underground)

7.1 Surface magazine storage

Details of all registered magazines for this site or compound (e.g. ETR000001)	Intended magazine capacity (kg)	Magazine physical capacity (kg)	Intended storage (e.g. detonators, blasting explosives)	Hazard classification (e.g. 1.1D)

Indicate how far the magazines will be from the following:

	Actual distance	Required distance <small>(office use only)</small>
The <i>nearest</i> public place (e.g. roads, railway lines, open areas) (PWA)	<input type="text"/> m	<input type="text"/> m
The <i>nearest</i> building (e.g. offices, workshops, mill) (PWB)	<input type="text"/> m	<input type="text"/> m
The <i>nearest</i> working area in an active open pit (PWA), or to the portal (PWB)	<input type="text"/> m	<input type="text"/> m
Any ammonium nitrate storage	<input type="text"/> m	<input type="text"/> m
Separation distance between the high explosives magazine(s) and detonator magazine(s)	<input type="text"/> m	<input type="text"/> m
Will the magazine(s) be mounded?		<input type="checkbox"/> Yes <input type="checkbox"/> No
Will there be an intervening mound between the high explosives magazine(s) and the detonator magazine(s) (incompatible storages)?		<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the magazine(s) earthed?		<input type="checkbox"/> Yes <input type="checkbox"/> No
How far is this site/compound away from any other explosives compound?	<input type="text"/> m	
If there is another explosives site/compound nearby, what quantity of explosives is stored there?	<input type="text"/>	
Will the magazine(s) be fenced?		<input type="checkbox"/> Yes <input type="checkbox"/> No
If no, complete the following questions:		
Probable duration of storage	<input type="text"/>	
Distance to nearest town	<input type="text"/> km	
Any additional security (e.g. 24 hour security, mine site access only)	<input type="text"/>	
<input type="text"/>		

7.2 Underground magazine storage

Details of all registered magazines for this site or compound (e.g. ETR000001)	Intended magazine capacity (kg)	Magazine physical capacity (kg)	Intended storage (e.g. detonators, blasting explosives)	Hazard classification (e.g. 1.1D)

Briefly describe in a separate document, to be attached to this application, the relative location of the fixed underground explosives magazine to each of the following:

- Shafts and declines (and the number of 90 degree bends)
- Mine accesses
- Winders
- Electrical sub-stations
- Pump stations
- Primary or circuit fans
- Underground refuge chambers
- High occupancy areas (e.g. crib room, workshop)
- Mechanical equipment (e.g. conveyor belt)
- Other dangerous goods (e.g. diesel refuelling bay)
- Other important installations

Note: The above information can be provided in a drawing if it is clear and not cluttered, as it will be assessed against regulation 8.5 of the MSIR.

Actual distance

Separation distance between high explosives magazine and detonator magazine.
 (Note: a safety distance of not less than 10 m is required, provided the detonators are stored in a separate compartment defined by separating walls that are not in line of sight)

 m

Attach a description of:

- the fire protection system within the magazine.
- the underground magazine showing how it will be ventilated and how it will effectively minimise or mitigate the effect of fumes resulting from any fire or explosion in the magazine.

A risk assessment must be provided to justify the quantity and location of explosives being stored underground.

- Do the locks meet the requirements of section 2.1.10 of Australian Standard 2187.1? Yes No

8. Explosives Management Plan (EMP)

An EMP must be lodged with this application and applicants are encouraged to use the template for an EMP which can be found on the Resources Safety website. Relevant guidance material is also available.

- Is an EMP for this site attached to the application? Yes No

9. Site plans (surface and underground)

Plans are required to be lodged according to whether explosives storage is either surface or underground. Where explosives are stored in both locations, applicants must provide all relevant plans.

9.1 Surface storage

- Plan attached relating to the whole mine site or premises (if there are several sites and in close proximity to each other they should be described on one plan, otherwise a separate plan is to be submitted for each site); and
- Plan attached covering the actual site (compound) covered under the licence

9.2 Underground storage

- Plan showing the surface layout of the mine site, including portal entrance to the underground workings; and
- Survey plan showing the magazine location in relation to any nearby shaft, decline access, electrical substation, pump station, ventilation fan, workshop, crib room, or refuelling facility; and
- Survey plan of the magazine showing layout of the explosives and detonator storages, including fire protection (e.g. deluge system)

10. Purpose of explosives storage

Which of the following best describes the activity that necessitates the explosives storage? (please tick one or more boxes)

- | | |
|--|--|
| <input type="checkbox"/> Mining
<input type="checkbox"/> Civil blasting
<input type="checkbox"/> Fireworks or pyrotechnics | <input type="checkbox"/> Explosives manufacture
<input type="checkbox"/> Explosives supply
<input type="checkbox"/> Other (please specify) _____ |
|--|--|

11. Applicant's declaration (must be signed by intended licensee)

I certify that the above details are true and correct, and the above storage magazine(s) complies with Australian Standard 2187.1, or as defined by Regulation 6 of the Dangerous Goods Safety (Explosives) Regulations 2007 and subject to review by Resources Safety.

Name Position

Signature of applicant Date / /

12. Checklist (please tick the boxes to ensure your submission is complete)

- Completed and signed original application form
- If a body corporate, a certified copy of certificate of incorporation (as per Part 2)
- If a partnership, the following (as per Part 2):
 - a certified copy of evidence of the partnership
 - a statutory declaration from **each** partner stating the name of the partnership; the name, home address and contact details of all partners; the business in which the partnership is engaged
- If a trust, a certified copy of a document which states the name of the trust (as per Part 2)
- A legible copy of both sides of a current motor drivers licence issued anywhere in Australia (for any individual named in the application - as per Part 4)
- If applicable, a separate sheet briefly describing details of any offences resulting in convictions, and/or charges pending (as per Part 4)
- A certified copy of an interstate mutually recognised security clearance (if applicable as per Part 5)
- The following attached descriptions as per part 7.2.
 - fire protection system within magazine
 - underground magazine ventilation
- Details of underground magazines and their relative location to other facilities (as per Part 7.2)
- A risk assessment to justify the quantity of explosives stored underground (as per Part 7.2)
- A written Explosives Management Plan as per Part 8 (refer to template and guidelines)
- Plans as follows depending on location of storage (as per Part 9):
 - a plan of the whole mine site or premises (surface storage)
 - a plan of the actual site / compound (surface storage)
 - a plan of the surface layout of mine site (underground storage)
 - survey plan showing magazine location to other facilities (underground storage)
 - survey plan of magazine showing layout of explosives and detonator storages (underground storage)
- Colour photographs of the magazines to be included in the licence showing all markings and interior
- If applicable, written requests for approval to operate at difference to the regulations and standards (e.g. reduced separation distances, security provisions, earthing and lightning protection)
- Calculate licence fees due and attach payment

Incomplete applications cannot be processed and will be returned.

Licences cannot be issued over the counter. The processing time for compliant applications that do not need a complex assessment is 20 business days.

13. Payment details

Please forward your application and remittance by mail to:

Resources Safety — Department of Mines and Petroleum
100 Plain Street, EAST PERTH WA 6004

Application no. *(office use only)*

ETS

Cheques and money orders should be made payable to: Department of Mines and Petroleum

Explosives storage licence

Complete this section if paying by credit card

Card number

Expiry date /

Card type *(please tick)* Mastercard Visa

Cardholder's name

Amount

Signature

Phone number of card holder

Date signed / /