



APPLICATION FOR EXPLOSIVES MANUFACTURE

1. COMPANY NAME AND CONTACT INFORMATION

Company and Applicant Name (company official)		Mailing address		
Contact name	E-mail address	Telephone no.	Cell phone no.	Facsimile no.

2. TYPE OF LICENCE OR CERTIFICATE (check appropriate boxes)

New Existing, file registry number XP-

Renewal Renewal with changes Amendment

Specify changes _____

Factory

Fixed plant, specify type (e.g., explosives, fireworks, propellant): _____

Bulk explosives base site Bulk explosives temporary

Certificate

Bulk explosives satellite Bulk explosives demonstration ANFO mechanical ANFO non-mechanical Fireworks assembly

Perforating gun assembly Two component Black powder clean room Cartridge reloading Other (specify): _____

3. LOCATION OF PROPOSED OPERATIONS

Province/county/district/regional municipality, township, municipality, highway/road/street

Name of site contact	Telephone no.	Cell phone no.
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4. SCOPE OF OPERATIONS

Describe the explosive or items to be manufactured or stored using generic names and descriptions; state the nature of the process(es) to be carried out, in or away from (only when applicable) the proposed site; specify requested term and state expected start-stop dates; attach any additional information if more space is needed.

5. DRAFT LICENCE OR CERTIFICATE REQUIREMENTS (Note: For information refer to the Form 1 Annex)

A draft licence or certificate must be attached to this application and must be accompanied (as far as applicable) by forms, plans and drawings, documents as described below, and by any other additional information or evidence that the Minister may require.

a) List of Forms Accompanying This Application

	Form 4: Plant, Buildings and Equipment	Form 5: Authorized Explosives Manufacture and Storage	Form 6: Authorized Operations and Processes	Form 7: Distances to be Maintained
New page numbers submitted				
Unchanged page numbers not submitted				

b) List of Plans and Drawings (Note: Specify drawing, date and revision number; attach any additional information if more space is needed.)

Area Plan	Site Plan	Building Layout	Process Schematic	Process Flow Sheets and Piping & Instrumentation

c) List of Documents (Note: Specify document, date and revision number; attach any additional information if more space is needed.)

Environmental Screening		Operating Procedures
Spill Contingency Plan		Maintenance Procedures
Emergency Response Plan		Training
Special Permissions (smoking, flame, welding)		Destruction, Burning
Letters of Understanding		Special Rules, Other

6. Name of Applicant (print)	Date (month/day/year)	Method of Payment
		Cheque or money order no. _____
Applicant Signature		Payable to Receiver General for Canada \$ _____
		Natural Resources Canada Phone: (613) 948-5200 Explosives Regulatory Division Fax: (613) 948-5195 1431 Merivale Road E-mail: inspectors@nrca.gc.ca Ottawa, Ontario K1A 0G1 Web site: http://www.nrca.gc.ca/mms/explosif

Note: It is illegal to submit false or misleading information in this application.

FOR OFFICE USE ONLY

Approved by:	Invoice no. _____	Amendment no. _____
	Amount due \$ _____	
	Payment received _____	Expiry date _____
For the Minister of Natural Resources Canada	Cash blotter no. _____	
Date		



DRAFT LICENCE APPLICATION REQUIREMENTS

(reverse side of Form 1)
Rev. Dec. 2003

A draft licence must be attached to this application and be accompanied (where applicable) by:

(a) SITE PLANS AND DRAWINGS

A plan (or plans), satisfactory to the Minister, drawn to scale or reasonable facsimile, of the proposed manufacturing operations or any part of the process of manufacture, and of the site on which such operation or magazine is situated and of all buildings or structures thereon or proposed to be erected thereon, and also of the adjacent lands and all buildings or structures thereon, with a statement of the uses to which such site, buildings or structures are being or are to be put, and the exact distances between the several buildings or structures marked thereon; also include layout sketches or plans showing emergency exits, storage and workplace areas for individual magazines and buildings.

Note: Consult the Explosives Regulatory Division's "Quantity Distance Principles" manual for more complete information on site layout and distance requirements.

e.g., Drawing Legend:

Building No.	Description of Building/Operation	Net Quantity
P-1	Explosive process: mixing and cartridging	4000 kg
S-1	AN storage silo: loading of bulk explosive mix trucks	50 metric tonnes AN
T-1	AN trailer	35 metric tonnes AN
G-1	Garage: wash and maintenance facility	less than 2000 kg
M-1	Magazine: storage blasting explosives	20 000 kg
D-1	Magazine: detonator storage	100 000 detonators
RES	Residence	not applicable

(b) FORM 4

Provide a description of the situation, character and construction of the site, all buildings, protective barricades and work connected with the proposed explosive manufacturing operations or magazine, i.e., site security, signs, buildings, equipment (installed and mobile), HVAC (heating, ventilation and air conditioning), lighting, fire protection, lightning protection; each process and process unit require prior formal approval (contact ERD for details).

For bulk explosive factories and satellite sites only:

Form 4 may be used either to describe the approved process equipment used at that site or to refer to the current version of the applicant's "List of Authorized Process Units." To record process unit movement, applicants will be required to provide ERD headquarters and applicable regional offices with updated versions of the "List of Authorized Process Units" within one working day of vehicle movement (contact ERD for details and submission format). Record any deviation from the current Standard for Bulk Explosives here.

(c) FORM 5

Part I - Authorized Explosives:

Identify explosives or articles proposed to be:

- Manufactured: Identify products by proper shipping name, product name, UN Number, Hazard Classification, Date of Authorization and File Number.
- Stored: Identify products by proper shipping name, UN Number, and Hazard Classification (e.g., Explosives Blasting Type E, UN0241, 1.1D; Detonators Electric, for blasting, UN0030, 1.1B).

Part II - Client Information:

For bulk explosive factories and satellite sites only:

For explosive processing operations to be carried out away from the base or satellite site, provide the base or satellite client contact and client location information on Form 5, including distance by road from the base and the satellite location to the client site. Applicants with a large or variable number of clients may make reference to the "current version of the Form 5 Client Account List" and provide ERD headquarters and applicable regional offices with updated versions of the client list within one working day of changes to that list.

(d) FORM 6

A Statement of:

Process Identification

The nature of the process to be carried out at the factory or satellite site and each part thereof, and the place at which each process of the manufacture, and each description of work connected with the factory, is to be carried out, and the place in the factory at which explosives and anything liable to spontaneous ignition, or inflammable or otherwise dangerous, are to be kept;

Quantity

The maximum amount of explosive, and of the ingredients thereof, wholly or partially mixed, to be allowed at any one time in any building, machine, process of the manufacture, or magazine, or within the distance from such building, machine, process unit, process vehicle, or magazine that is limited by regulation or standard; and

Person-Limits

The maximum number of persons to be allowed at each building, process unit, or process vehicle in the explosive manufacturing operations or magazine, i.e., premises or land in or on which the manufacture or any part of the process of manufacture of an explosive is carried out. Note: Where applicable, describe special situations such as, but not limited to, marine transport.

(e) FORM 7

A statement of the distances that shall be maintained between any one building or place forming part of the factory, and any other buildings, work or places occupied by people, whether inside or outside the factory, and of the classification of such buildings, works or places. Note: Outdoor locations at which people are working, such as a quarry pit area, are to be considered as requiring D7 distance from processes or operations. Buildings housing persons associated with the applicant, but not directly involved with the explosives operations, also require D7 distance.

(f) OTHER INFORMATION

Any other information or evidence that the Minister may require.