

Safety & Security Management Plan for Security Sensitive Dangerous Substances (SSDS) – HS615

The Safety & Security management plan for SSDS describes the risk management procedures to manage the hazards and risks to safety associated with the activities that are authorised by the different types of explosives licences. This management plan has been designed to assist users to meet the minimum obligations of the NSW Explosive Regulation 2013.

Section 1: Local Area Responsible Person Information

First Name

Last name

Z-ID

Residential/Business Address (responsible location)

Telephone

Email

Responsible Person . The Responsible Person must have a management role and the authority to develop, implement and maintain the plan. E.g. supervisor or School management

The purpose(s) for storage and handling of explosives and/or SSDS for example, Security Sensitive Ammonium Nitrate (SSAN) eg. Research activities

Amount and type of explosives and/or SSDS to be stored and/or handled.

Chemical or common Name	UN number	Class	Storage Location	Unit Quantity

Section 2 – Safety Process

	Response/Comments (please reference Safesys document with document no.)
1. How have the risks from the explosives proposed to be manufactured or stored?	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.1</i>
2. How will migration measures be achieved? (only answer if the purpose or method of use has changed?)	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.2</i>
3. What actions have been taken to minimise risk to people's property and the environment?	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.3</i>
4. What inspection, calibration, and preventative maintenance measures are in place to ensure that safety-related structures and equipment remain operational and effective?	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.4</i>
5. What actions are taken to ensure that any person handling explosives or explosive precursors is competent to do so?	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.5</i>
6. How are explosives and explosive precursors stored appropriately to prevent incompatibility?	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.6</i>
7. How is explosive waste monitored, managed and disposed?	<i>Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.7</i>

8. What risk assessments and procedures are in place to manage spills of the SSDS or other emergencies i.e. fire & explosion?

Hints refer to Secure Sensitive Ammonium Nitrate Appendix -HS620 Section 2.8

Section 3: Security Risk Assessment

If you have already completed a risk assessment of the relevant risk elements below, please copy them into the relevant sections.

Briefly describe the security risks identified and controls put in place to eliminate or minimize those risk

a. Theft/Sabotage of explosives and/or SSDS

- ☐ Swipe access to lab
- ☐ Key locked cabinets
- ☐ Access-only to trained and approved users
- ☐ Other:

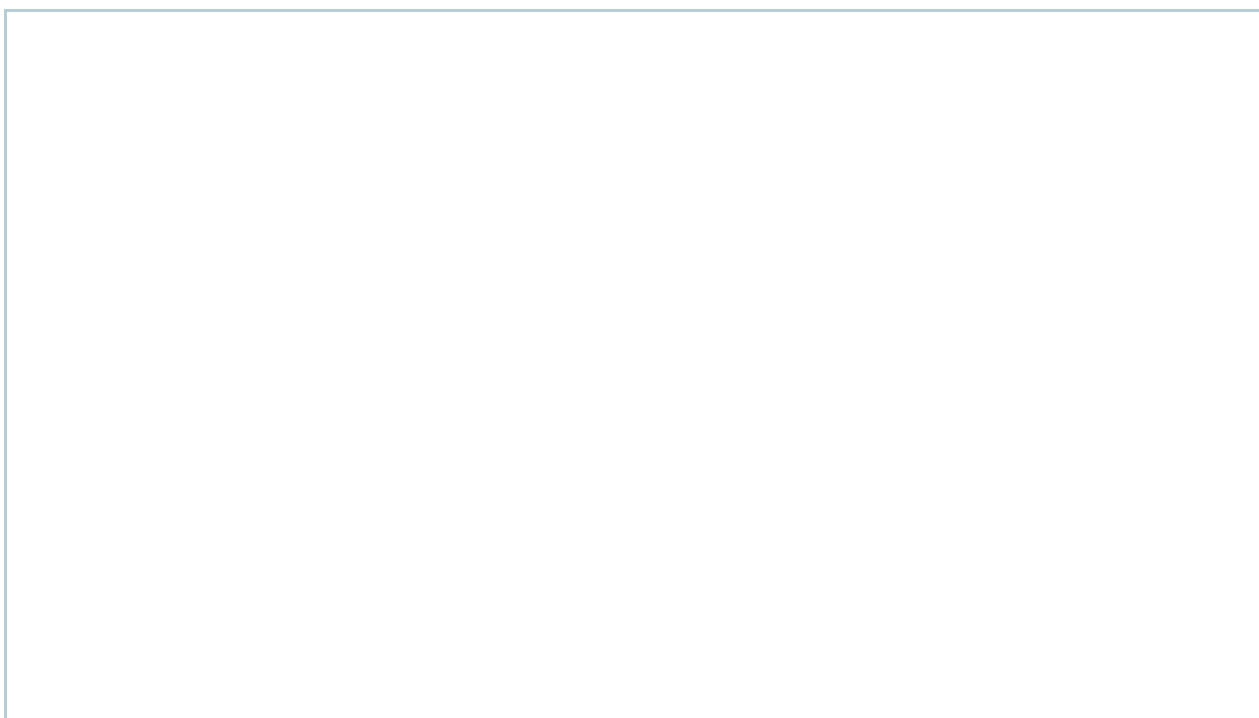
b. Unexplained loss off explosives and/or SSDS

- ☐ inventory records e.g Jaggaer or log box
- ☐ log of key usage
- ☐ Others:

Section 4: Sketch Map of Site Please include an Archibus map of the location of the storage area for SSDS and mark on the map where the SSAN is stored?

Section 5: Secure Storage

If practical and it does not compromise the safety of the SSDS, attach photographs of the store from both ends and both sides.



Section 6: Key Register

Responsible Person:

Location (where this record will be kept):

The key register records will need to send annually to safety@unsw.edu.au

Key number	Name of person (include z-id)	Date and time issued	Signature of register keeper	Date and time key is returned	Signature of register keeper

Section 7 Sign off

Responsible Person:

Name

Signature

Date

WHS team member

Name

Signature

Date

Appendix material:

Security Sensitive Ammonium nitrate appendix – HS620 (link required)

References:

[Guide for explosives and security sensitive dangerous substance safety management plan \(Safework NSW\)](#)

[Security Clearance for handling Explosives \(Safework NSW\)](#)

[Guide for applying for a Security Clearance \(Safework NSW\)](#)

[NSW Explosives Regulation 2013](#)

[Secure Sensitive Ammonium Nitrate Appendix-HS620](#)

[SSAN Guideline-HS618](#)