

Security Sensitive Ammonium nitrate (SSAN) – HS620

Appendix

Section 2.1

- Risk assessment conducted, the process adopted and key outcomes.
- People involved
- Risk methodology
- Risk Management Framework
- Use of qualitative risk matrices
- Properties of the explosives or explosive precursors considered and actions to take in relation to storage and handling
- Key outcomes

Section 2.2

- Changes to manufacturing processes – prompt for a revision of the risk assessment
- Starting products supply – where change occurs
- Change to products manufactured – properties, handling and storage
- Change to equipment – compatibility with explosive products
- Changes introduced by repairs or maintenance
- Audit periodically to prompt a revised risk assessment
- Training of staff in hazard identification
- Reporting mechanisms

Section 2.3

- Procedures and work instructions to prevent or mitigate identified risks
- High temperature and high-pressure cut-offs
- Technological measures to hold product on-site, no runoff, automatic shutdowns
- Start-up and shutdown procedures
- Use of control hierarchies
- Quality control of manufactured product
- Safety of staff working alone

Section 2.4

- Procedures and work instructions to prevent or mitigate identified risks
- High temperature and high-pressure cut-offs
- Technological measures to hold product on-site, no runoff, automatic shutdowns
- Start-up and shutdown procedures
- Use of control hierarchies
- Quality control of manufactured product
- Safety of staff working alone

Section 2.5

- Training and experience
- Licensing
- On-going training
- Induction procedures
- Audits
- Mentoring system
- Supervision

Section 2.6

- Storage conditions, separate magazines
- Training and competencies of staff
- Procedures follow AS 2187.1 requirements
- Proper labelling
- Housekeeping
- Packing procedures for transport

Section 2.7

- EPA licensing and conditions
- Storage capacity
- Compatibility of separate waste streams
- Explosive classification of waste and appropriate storage and security
- Chemical measures to reduce hazard classification of waste
- Disposal methods

Section 2.8

- Loading and unloading procedures for trucks, tanks and mobile processing units
- Spill kits
- Personal Protective Equipment
- Safe shutdown procedures
- Maintenance of emergency equipment
- Training

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](#)

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