

Explosives Safety and Security Services

SELF AUDIT EXPLOSIVES Checklist for Magazines.

Reference AS 2187 Part 1 – 1998 Storage.

Complete a form for each magazine on site



Name and position of the person completing this assessment.

Site:	Location
Manager (SSE)	Phone
Magazine Keeper	S/F License #
Facsimile:	Email:
Purpose of self Audit: To assure Mine Management and Regulatory Body that Explosives are stored and controlled with appropriate levels of security.	

Results are ✓ Acceptable, ✗ Not Acceptable, NA Not Applicable

Item	Section of Explosives Act or Standard	Result ✓ ✗ NA	Comment Eg. To be corrected by date.
Office Audit			
Current Storage License(s) is in site office	Act 44		
Reference AS 2187 Part 1 – 1998 Storage is available in site office.			
Magazine Keeper(s) Appointed and recorded in Mine Record			
Magazine Keeper(s) Trained and Licensed			License #
Magazine keys held in secure container. SSE controls access to keys	4.6.3		
Frequency of Security checks outside normal operating hours			
Emergency Procedure in place Loss / Theft			
Local Authority Notified			Frequency of Drills / Reviews
Transport/ Supplier Emergency Procedure in place Loss / Theft			
Local Authority Notified			Frequency of Drills / Reviews
Stock Record Book Kept	4.7		
MSDS / TDS Emergency Procedures			

General			
Lightning Protection	2.1.5		
Lining	2.1.8		
Vents	2.3.3		
Fire Break	2.1.1.3		
Maintenance	4.4		
Fencing	Appendix C		
Bunding	Appendix B		
Signage	2.1.3		
Housekeeping	4.3		

Portable Magazines			
Portable Mags Anchored 2 x 15 mm Bolts	2.1.6		
Internal, Steel 0.8 Aluminium 1.1, Ply 19 mm	2.2.2		
External Steel 5 mm,	2.2.3.1		
Locking Mechanism Hasp Staple Shield	2.2.3.1		

Relocatable Magazines			
Outer Case 5 mm {2 mm} (In total)	2.3.2.2		
Lifting Lugs 4 Welded			

Fixed or Permanent Magazines			
Concrete Floor	2.4.2 a		
Walls adequate – 5 mm {2 mm} steel, reinforced brick or block	2.4.2 b		

Freight Containers			
Combined Wall 5 mm, Fully welded edge	2.3.2.2 b i		
Floor 3 mm {2 mm} gal plate bolted, covered timber	2.3.2.2 b ii		

Door			
Material 10 mm thick, 3 mm gap door to frame	2.3.2.4 i		
Door Frame 75 x 12 F, 64/64 x 10 L Internal Weather strip 12x3	2.3.2.2		
Hinges Lug and Pin Size 25 mm < 1000 kg < 38 mm	2.3.2.4 iv		
Hinges Grease Nipple	2.3.2.4 iv		
Hinges 150 deg, free movement, 5 mm recess	2.3.2.4 v		

Locking Lugs Adequate (Same as Bolts)	2.3.4		
Sliding Bolts 55 x 10 mm 2 bolts < 200 kg < 3 bolts	2.3.4.1 a		
Lock Anti-punch 10 x 10, 25 x 6	2.3.4.1 b		
Vestibule Door, 12 mm ply, 3 brass hinges, barrel bolt	2.3.2.3 v		
Freight Containers, 2nd door welded	2.3.2.4 b		
Door clad 5 mm plate 64 x 64 x 10 angle internal	2.3.2.4 b ii		

Stock Control			
Packaging Adequate	4.1.2		
Original Packaging	4.3.3		
Stock Level < Limit	2.4.3		Not exceeding licence
Stock Rotation	4.6.6		
Out of date Stock PE 12, IE 48/12 months	4.6.6		
Regular Stock Take Program			Frequency of Stock takes: Weekly / Fortnightly / Monthly / Quarterly
Reconciliation of Explosives Used			Explosives used are recorded for each explosive task.
Stock Record Accurate, Sample 2 Initiating Explosive, 2 High Explosive for audit			
Stock Sample	By Record	By Count	Comments
1			
2			
3			
4			

Alternatively attach a list or copy of your regular end of month stock takes with the results.

I am / am not satisfied that the explosive magazines on this site have adequate safeguards to prevent the loss of or fraudulent use of explosives.

Manager/SSE: _____ Auditor: _____

Dated: _____ Dated: _____

Comments.....

