



## **Annex 2**

**Application of Global Voluntary Standards and Guidelines  
to Strengthen Weapon and Ammunition Management (WAM)  
in Conflict-affected Settings:  
2015 Expert Survey Results with 2016 Expert Inputs**

# **Evaluation of Safety Elements**

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The United Nations Institute for Disarmament Research (UNIDIR)—an autonomous institute within the United Nations—conducts research on disarmament and Safety. UNIDIR is based in Geneva, Switzerland, the centre for bilateral and multilateral disarmament and non-proliferation negotiations, and home of the Conference on Disarmament. The Institute explores current issues pertaining to the variety of existing and future armaments, as well as global diplomacy and local tensions and conflicts. Working with researchers, diplomats, government officials, NGOs and other institutions since 1980, UNIDIR acts as a bridge between the research community and governments. UNIDIR's activities are funded by contributions from governments and foundations.

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## Evaluation Criteria for Safety Assessments

### 2015 Expert Survey Results

In 2015, the United Nations Institute for Disarmament Research (UNIDIR) Conventional Arms Programme circulated a survey entitled, “International Small Arms and Ammunition Platform, B. Basic Safety Assessment (Level 1): Criteria Evaluation”.

This survey sought to obtain expert technical inputs from relevant stakeholders—States assisting other States; the United Nations; and expert NGOs—to evaluate the safety assessment criteria for weapons and ammunition management as applied in conflict-affected settings.

Using the International Small Arms Control Standards (ISACS) (5.20 Stockpile Management) and International Ammunition Technical Guidelines (IATGs), the survey was designed to gain unique insight into practitioners’ interpretations—based on expertise, experience and knowledge—of the Importance, Priority and associated Risk Level for safety control measures when conducting a weapons and ammunition (WAM) storage assessment in conflict-affected settings.

There were 65 items, comprised of questions, statements and principles, for respondents to answer. For each item, respondents answered three assessment areas:

1. **Importance** (Minimal, Low, Moderate, High)
2. **Priority** (Low, Medium, High)
3. **Risk Level** (Negligible, Minor, Moderate, Severe, Critical)

The following provides an item-by-item review of these findings, including charts and graphs, which show the results in a digestible and informative manner.

## Survey Response Instructions

Respondents were asked to complete the survey on the basis of the following assumptions:

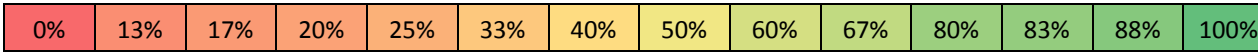
1. You are providing safety assessment assistance and guidance for a storage facility which belongs to the security forces in a foreign host country;
2. The host country has recently emerged from conflict—the State has limited resources available, including limited financial and technical capacities;
3. Due to the conflict, the host country currently does not have relevant national safety regulations in place for its storage facilities, and general safety practices by the security forces seem to be based on assumptions and/or experiences. Furthermore, national authorities do not seem convinced that safety is a priority for their stockpiles and storage conditions;
4. The general security threat level in the region you are responsible for is severe; there are reports of unrest, armed conflict and acts of terrorism;
5. The host country considers itself to be in active operations against armed insurgents and many parts of the country have not been liberated from non-State armed groups;
6. Safety assessment criteria are being designed to assist the national security forces in conducting safety assessments of their storage facilities. The objective of the assessment is to reduce the potential safety risk level at the storage facilities. In this context, you are being asked to rate the Importance, Priority and Risk Levels of key basic safety procedures and practices in managing arms and ammunition, specifically in this conflict-affected and fragile setting, based on your experience and knowledge of arms and ammunition control. Specifically, you are to determine the following: (1) how important is the specific safety control measure? (Minimal; Low; Moderate; or High); (2) what is the priority of undertaking the safety control measure? (Low; Medium; or High); and (3) what are the safety risks of not undertaking the control measure? (Negligible, Minor, Moderate, Severe, Critical).
7. This is all the information that is available to you at this time to complete the survey.

\* \* \*

### Note:

- This document is not a safety assessment checklist to carry out a storage facility assessment. This document is designed solely for the purpose of obtaining technical expert inputs on the Importance, Priority and Risk Levels of specific control measures when conducting safety assessments in conflict-affected and fragile settings, with the aim of reducing risk at the site/storage facility.
- The questions in the survey are derived from the ISACS (5.20 Stockpile management) and IATGs, with direct references to specific control recommendations from these standards and guidelines. The references and recommendation levels from the ISACS and the IATGs are intentionally excluded from this document.
- The information collected from survey responses will inform the development and finalization a safety risk reduction assessment criteria and a technical tool to facilitate its application in the field.

### Chart legend: Percentiles of survey respondents per assessment area



For each item, a chart presents the survey results in coloured percentiles of the total number of responses received for the three assessment areas, i.e. Importance (Minimal, Low, Moderate, High), Priority (Low, Medium, High), and Risk Level (Negligible, Minor, Moderate, Severe, Critical). 100% (green) means that there is consensus among survey participants on the assessed area of the item. The higher the percentiles per assessment area, the higher the level of agreement among survey participants on the item’s importance, priority and risk levels, respectively. The smaller the percentiles (> 0%), the lower the level of agreement among survey participants on the item’s importance, priority and risk level, respectively.<sup>1</sup>

In the chart example, 88% of all the survey respondents agree that the Importance (I) of this item is High, whereas 13% see the Importance of this item as being Moderate. With regard to the Priority (P) of the item, there is a relatively high level of common understanding among survey participants, i.e. 75% of respondents agree that the Priority (P) of this item is High, whereas 25% see the Priority (P) of this item as being Medium. With regard to the Risk Level (R), there is consensus (100%) among survey respondents that the Risk Level (R) of this item is Severe.

### Chart example

Importance (I)	Q.2	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	25%
High	High	67%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	0%
Severe	Severe	100%
Critical	Critical	0%

<sup>1</sup> Note that respondents only answered the items which were relevant to their experience and expertise. Therefore, some percentages throughout this document do not add up to 100%. Moreover, due to the software used to collate these findings, many percentages were rounded to the nearest whole number meaning that, at times, percentages add up to 101%.

## Acronyms

CG	Capability Group
ESH	Explosive Storehouses
HCC	Hazard Classification Code
HD	Hazard Division
IATGs	International Ammunition Technical Guidelines
ISACS	International Small Arms Control Standards
PPE	Personal Protective Equipment
RRPL	Risk Reduction Process Levels within the IATG (see: IATG 01.20)
UNIDIR	United Nations Institute for Disarmament Research
WAM	Weapons and Ammunition Management

## **SURVEY FINDINGS, INCLUDING EXPERT INPUTS<sup>2</sup>**

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<sup>2</sup> All Expert Inputs are from the proceedings of a technical expert meeting entitled, 'Application of Global Voluntary Standards and Guidelines to Strengthen Weapon and Ammunition Management (WAM) in Conflict-affected Settings', organized by UNIDIR and GICHD. This meeting took place on 19 September 2016 in Geneva, Switzerland.

## Table of Contents

1. Ammunition Management Policy .....	7
2. Health and Safety at Work .....	9
3. Inventory Management .....	19
4. Safety: Explosive Contents .....	24
5. Safety: Firefighting (Equipment) .....	34
6. Safety: Firefighting (Response) .....	39
7. Safety: Firefighting (Vegetation) .....	55
8. Safety: Operations .....	61
9. Safety: Equipment (Lifting) .....	73
10. Safety: Equipment (Conducting and Anti-Static Floors) .....	80



## 1. Ammunition Management Policy

In the Ammunition Management Policy area, the survey included one item:

- Q.1 A formal system is in place to routinely determine surplus stocks of ammunition and explosives.

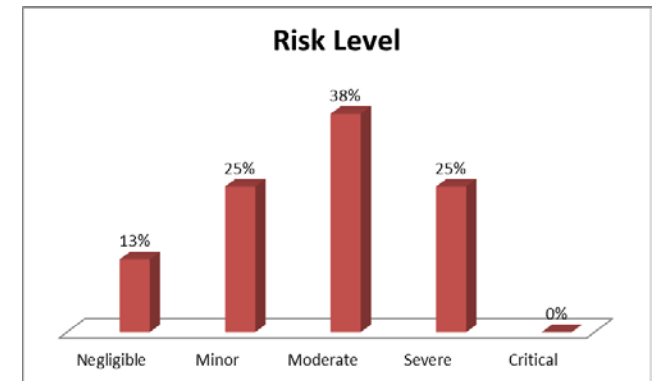
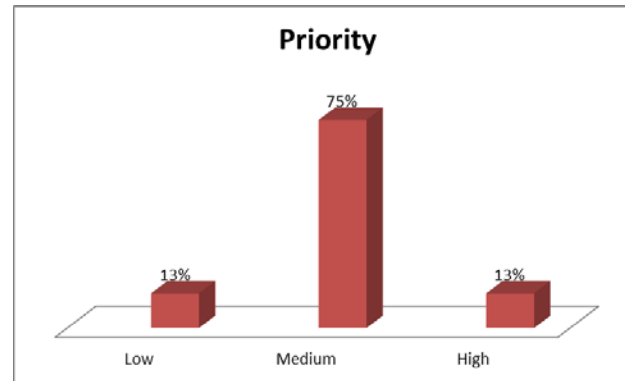
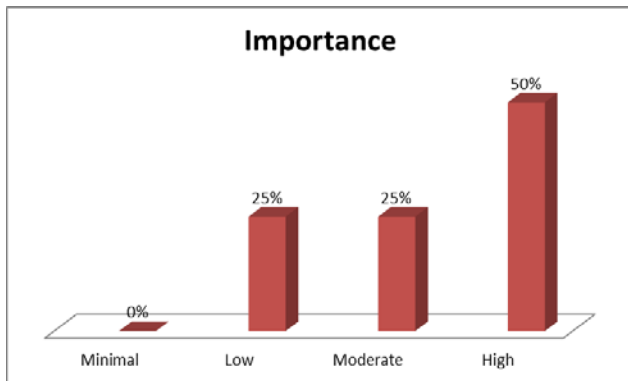
Within this area, there was limited common understanding among respondents. While a majority (50%) believed a formal system in place to routinely determine surplus stocks of ammunition and explosives was a matter of High Importance, 25% rated it a matter of Moderate Importance, and 25% of Low Importance. More common understanding was observed regarding this item's Priority: 75% rated it a Medium Priority item, and 13%, High Priority and 13%, Low Priority. There was substantial variation in this item's associated Risk Level with the largest percentage of respondents (38%) believing this item to have a Moderate Risk Level.

### EXPERT INPUT

Experts discussed potential explanations for the limited common understanding observed in this area and its sole item. Many commented that for some governments around the world, there is no definition for "surplus" stocks. Moreover, for States in conflict-affected settings, there may be little belief that any stocks of ammunition are indeed "surplus". Therefore, experts agreed that enhanced clarity was needed regarding what "surplus" meant in this item.

Q.1 A formal system is in place to routinely determine surplus stocks of ammunition and explosives.

Importance (I)	Q.1	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	25%
High	High	50%
Priority (P)		
Low	Low	13%
Medium	Medium	75%
High	High	13%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	25%
Moderate	Moderate	38%
Severe	Severe	25%
Critical	Critical	0%



## 2. Health and Safety at Work

In the Health and Safety at Work area, the survey included nine items:

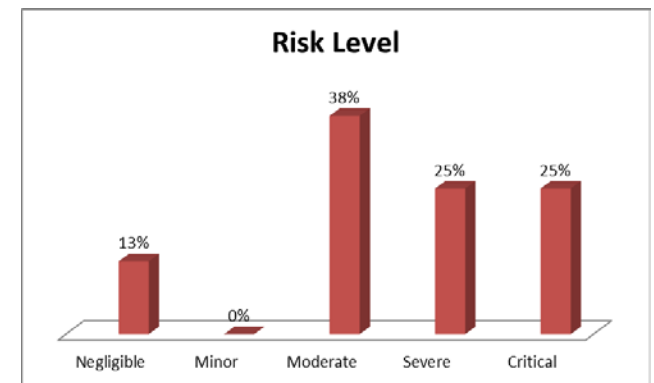
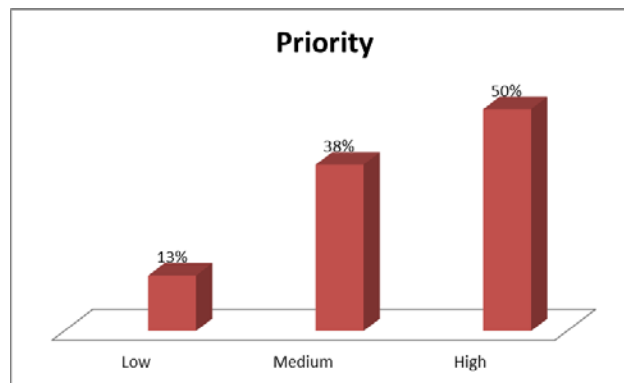
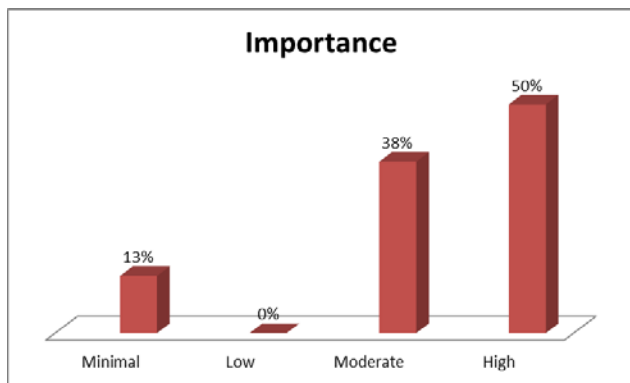
- Q.2 Formal Risk Assessments of the storage site have been completed and recorded.
- Q.3 Residual Risk has been formally accepted in writing by a higher level of command.
- Q.4 Residual Risk has been formally communicated to the local civilian community.
- Q.5 A formal system is in place within the government system for the use of land to extend current explosive facilities.
- Q.6 A formal system is in place within the government system for the identification and authorization of new land for explosive facilities.
- Q.7 Formal Explosive Limit Licenses have been prepared for all temporary storage locations in accordance with IATG 04.10.
- Q.8 External Safety Distances have been identified based on a Quantity Distance System for temporary storage locations.
- Q.9 Internal Safety Distances have been identified based on a Quantity Distance System for temporary storage locations.
- Q.10 Copies of all appropriate safety publications (including IATGs or equivalent) are kept at each storage depot.

In this area, there was substantial variation within all items' Importance, Priority and associated Risk Level ratings. As an illustrative example, Q.2, which stipulates that Formal Risk Assessments of a given storage site be completed and recorded, saw substantial and wide variation in all ratings. Some 13% of respondents saw this item's associated Risk Level as Negligible whereas others (50%) saw it as either Severe or Critical, and a further 38% rated the Risk Level as only Moderate.

Regarding temporary storage locations (Q.7–Q.9), there was a general High Priority and High Importance attributed to the preparation of Formal Explosive Limit Licenses, and both External and Internal Safety Distances based on a Quantity Distance System. Within these items, however, variation can be observed, most notably in the associated Risk Level rating.

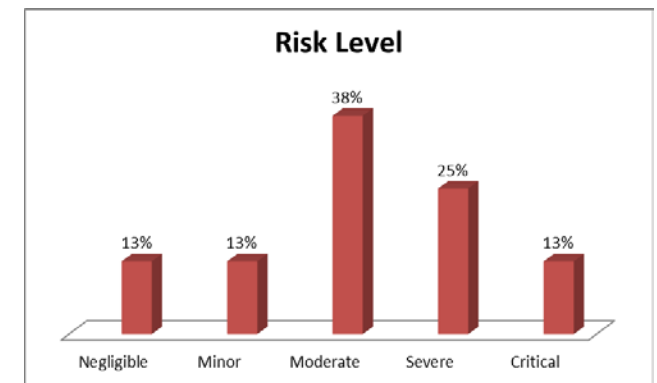
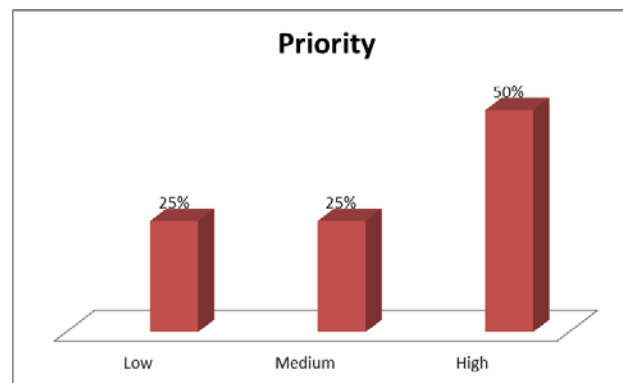
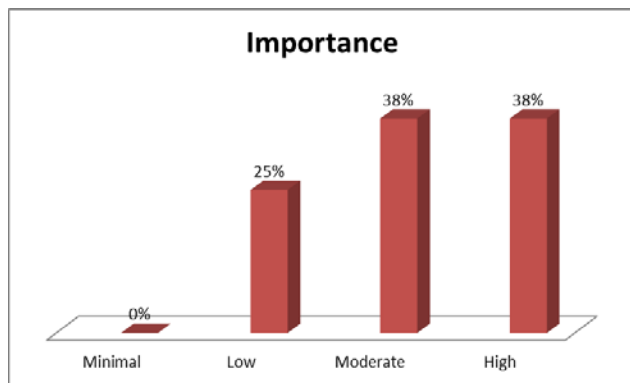
Q.2 Formal Risk Assessments of the storage site have been completed and recorded.

Importance (I)	Q.2	
Minimal	Minimal	13%
Low	Low	0%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	13%
Medium	Medium	38%
High	High	50%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	25%
Critical	Critical	25%



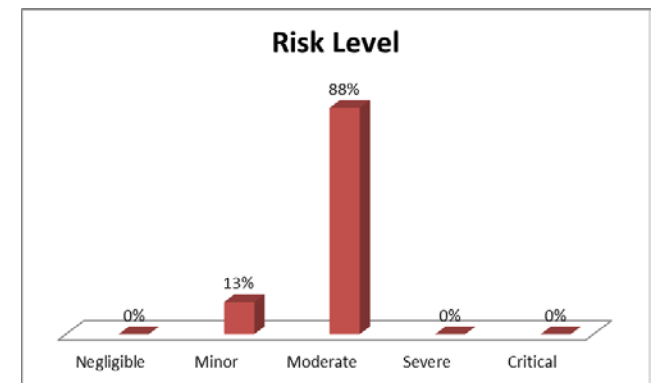
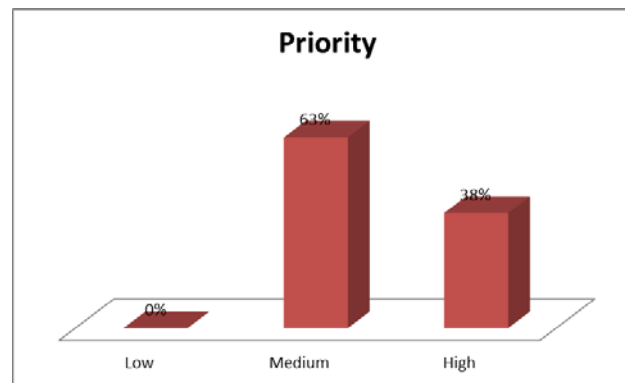
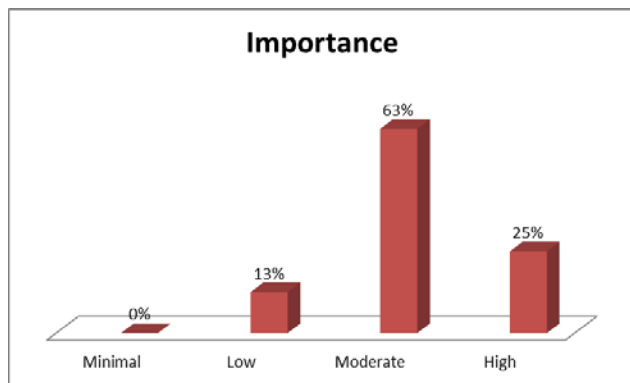
Q.3 Residual Risk has been formally accepted in writing by a higher level of command.

Importance (I)	Q.3	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	38%
High	High	38%
Priority (P)		
Low	Low	25%
Medium	Medium	25%
High	High	50%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	13%
Moderate	Moderate	38%
Severe	Severe	25%
Critical	Critical	13%



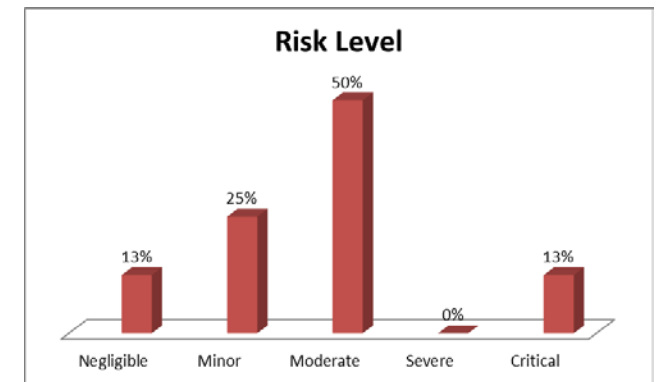
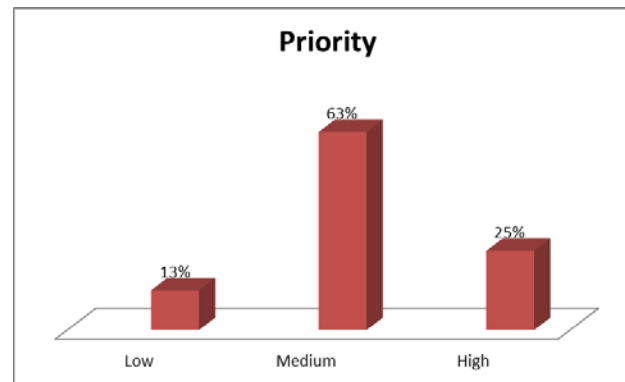
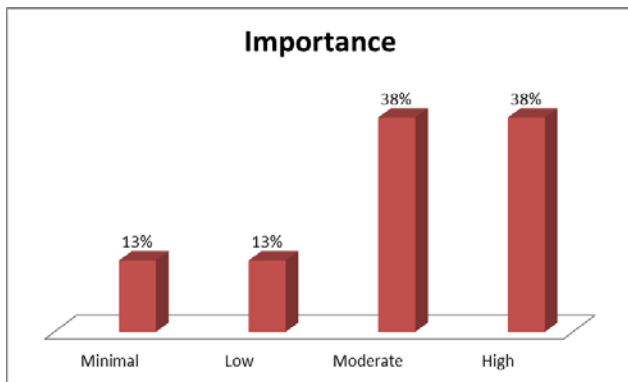
Q.4 Residual Risk has been formally communicated to the local civilian community.

Importance (I)	Q.4	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	63%
High	High	25%
Priority (P)		
Low	Low	0%
Medium	Medium	75%
High	High	25%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	88%
Severe	Severe	0%
Critical	Critical	0%



Q.5 A formal system is in place within the government system for the use of land to extend current explosive facilities

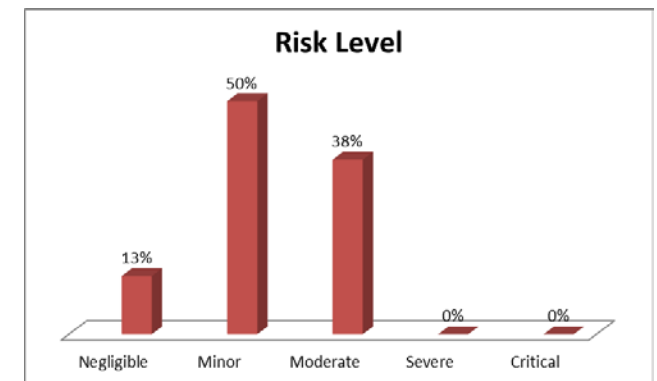
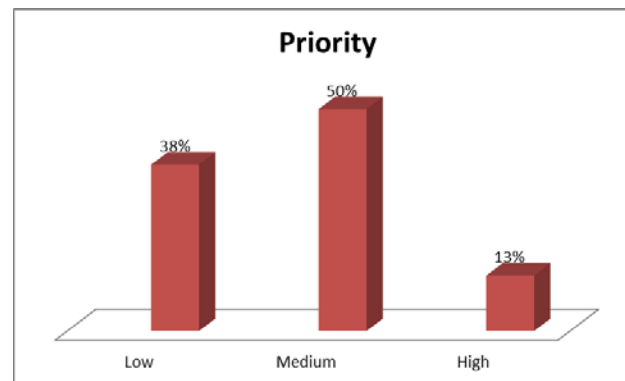
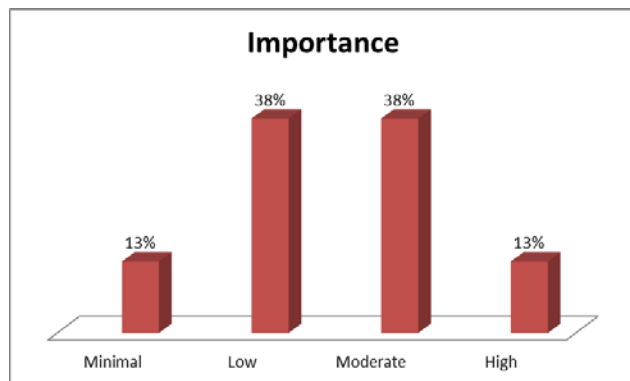
Importance (I)	Q.5	
Minimal	Minimal	13%
Low	Low	13%
Moderate	Moderate	38%
High	High	38%
Priority (P)		
Low	Low	13%
Medium	Medium	63%
High	High	25%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	25%
Moderate	Moderate	50%
Severe	Severe	0%
Critical	Critical	13%



Q.6 A formal system is in place within the government system for the identification and authorization of new land for explosive facilities.

Importance (I)	Q.6	
Minimal	Minimal	13%
Low	Low	38%
Moderate	Moderate	38%
High	High	13%
Priority (P)		
Low	Low	38%
Medium	Medium	50%
High	High	13%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	50%
Moderate	Moderate	38%
Severe	Severe	0%
Critical	Critical	0%

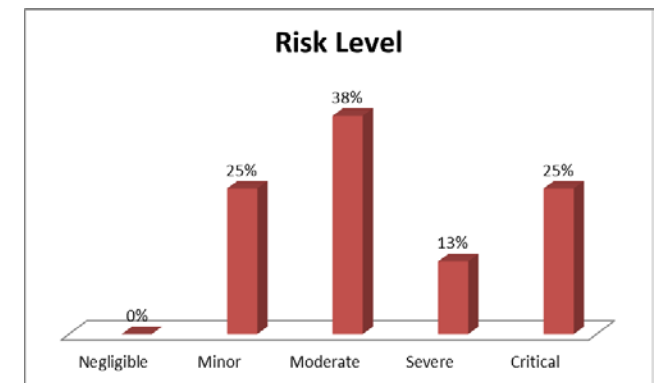
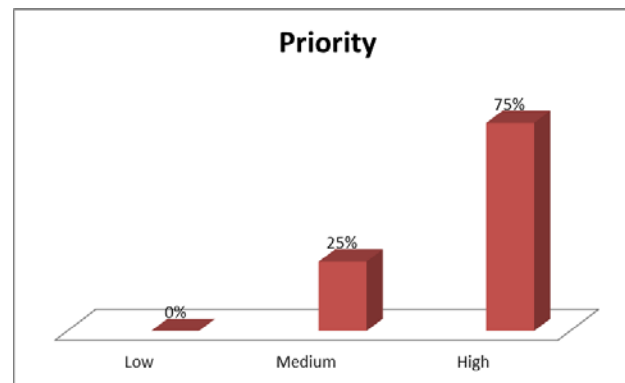
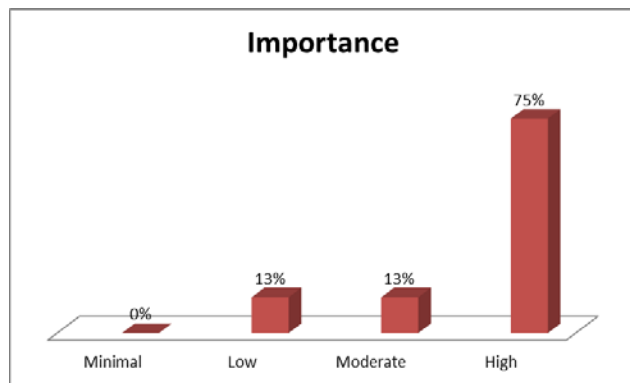
**EXPERT INPUT**  
 Experts believed that items Q.5 and Q.6 were more appropriately explored in a technical assessment to be conducted after an initial safety assessment. They believed that these two items were valuable when determining where a State sits as regards its RRPL. However, some experts saw these items as premature for an initial assessment.





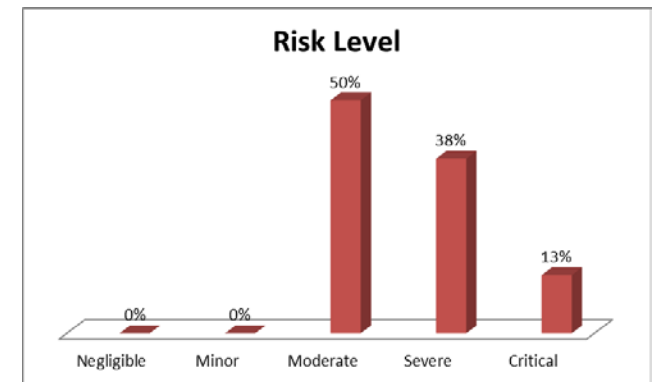
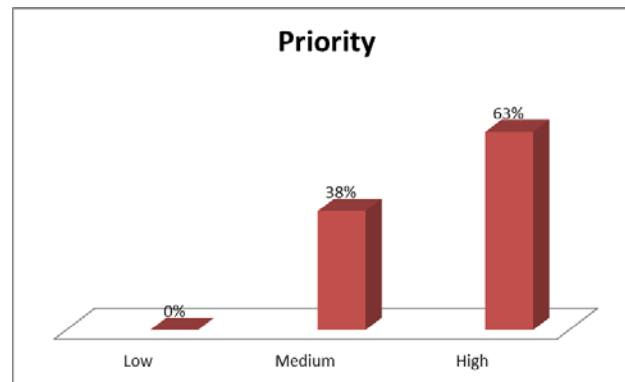
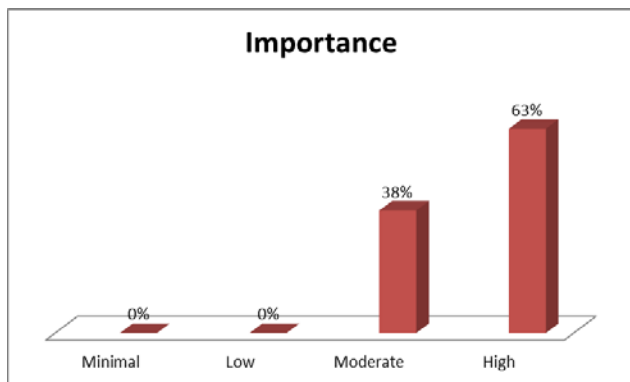
Q.7 Formal Explosive Limit Licenses have been prepared for all temporary storage locations in accordance with IATG 04.10.

Importance (I)	Q.7	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	13%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	25%
High	High	75%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	25%
Moderate	Moderate	38%
Severe	Severe	13%
Critical	Critical	25%



Q.8 External Safety Distances have been identified based on a Quantity Distance System for temporary storage locations.

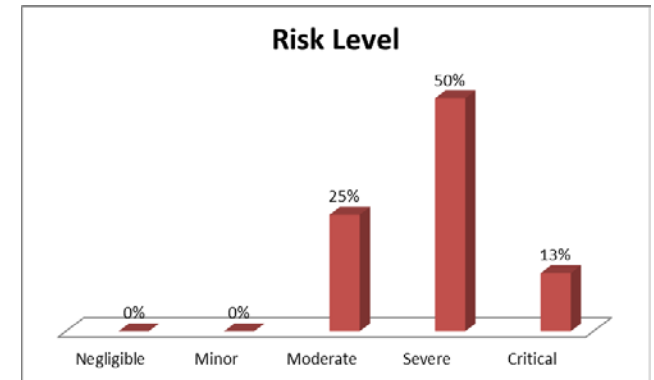
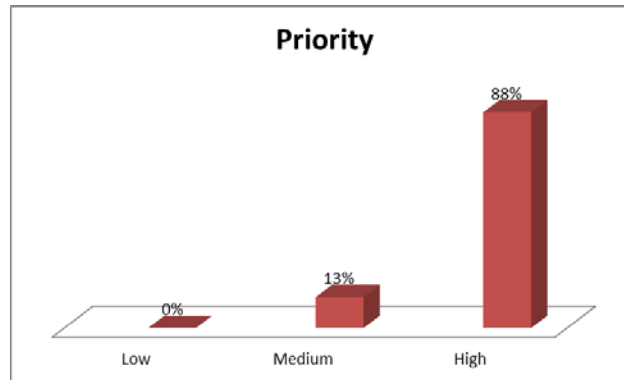
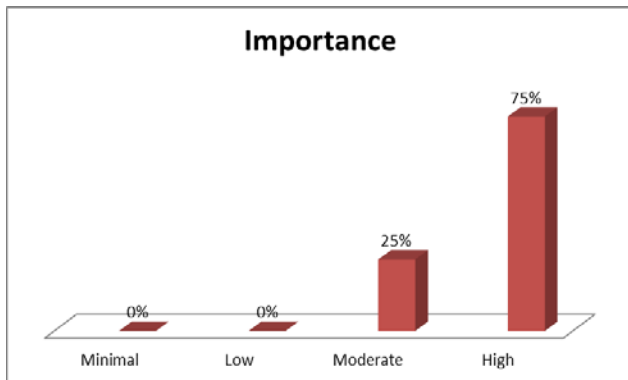
Importance (I)	Q.8	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	50%
Severe	Severe	38%
Critical	Critical	13%



Q.9 Internal Safety Distances have been identified based on a Quantity Distance System for temporary storage locations.

Importance (I)	Q.9	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	25%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	13%
High	High	88%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	50%
Critical	Critical	13%

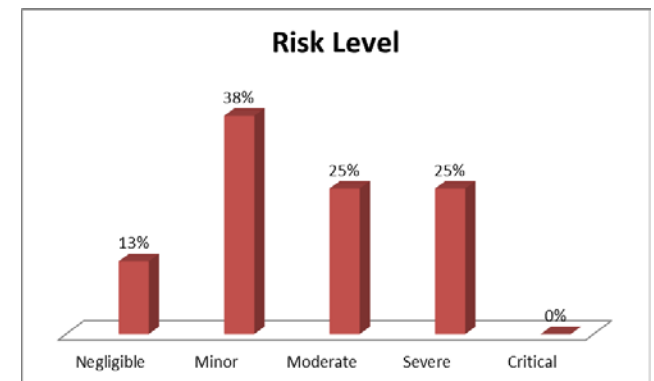
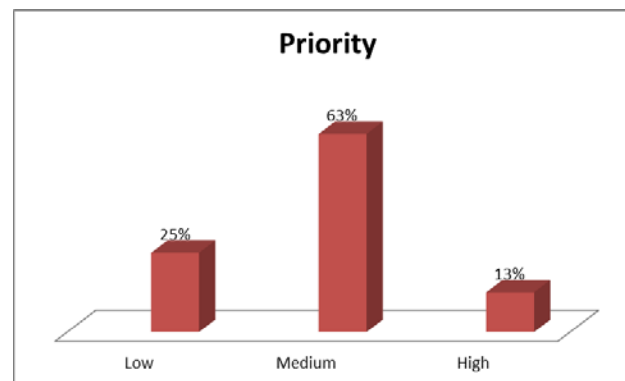
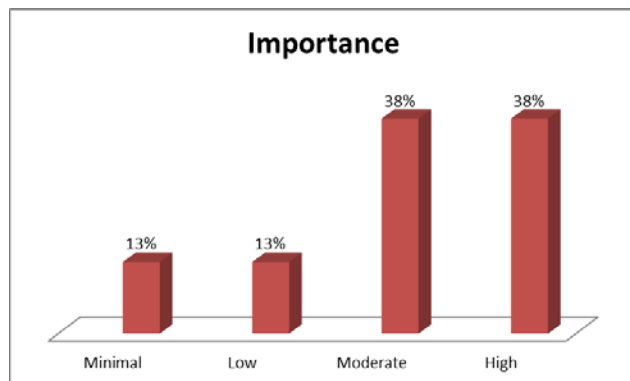
**EXPERT INPUT**  
 Experts noted that, in their experience, temporary storage locations could very easily become permanent. Though they saw value in exploring these items (particularly Q.8 and Q.9) in an initial safety assessment, they believed that clearer delineations between temporary and permanent storage locations should be made.



Q.10 Copies of all appropriate safety publications (including IATGs or equivalent) are kept at each storage depot.

Importance (I)	Q.10	
Minimal	Minimal	13%
Low	Low	13%
Moderate	Moderate	38%
High	High	38%
Priority (P)		
Low	Low	25%
Medium	Medium	63%
High	High	13%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	38%
Moderate	Moderate	25%
Severe	Severe	25%
Critical	Critical	0%

**EXPERT INPUT**  
 Some experts remarked that the presence of the IATG document in every storage depot may not be necessary, particularly since some modules have yet to be translated into various languages. Rather, some experts saw value in a more tailored document which reflected the core considerations of each setting.



### 3. Inventory Management

In the Inventory Management area, the survey included four items:

- Q.11 The stockpile is formally divided between operational, training, and surplus and unserviceable categories.
- Q.12 A formally established unit responsible for the storage of ammunition and explosives exists.
- Q.13 An ammunition accounting system that can account by type, quantity and location of ammunition exists.
- Q.14 Regular, independent stocktakes and audits are carried out.

While little common understanding can be observed in this area, none of the items were seen by respondents as matters of Minimal or Low Importance, nor were they seen as being of Low Priority. Between the top two Importance ratings (Moderate and High) and Priority ratings (Medium and High), substantial variation was observed. In the associated Risk Level ratings for all items there is variation. However, the general trend appears to suggest that these items related to Inventory Management have largely Moderate associated Risk Levels.

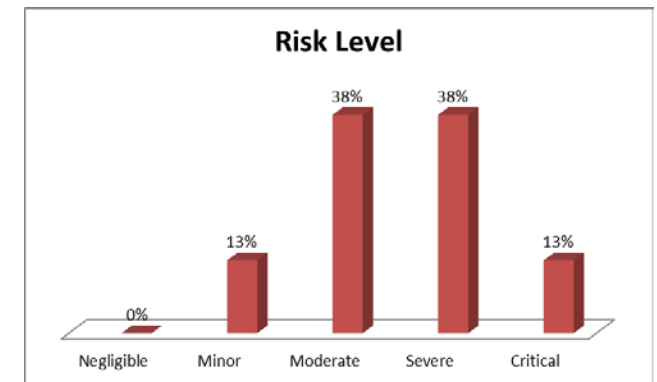
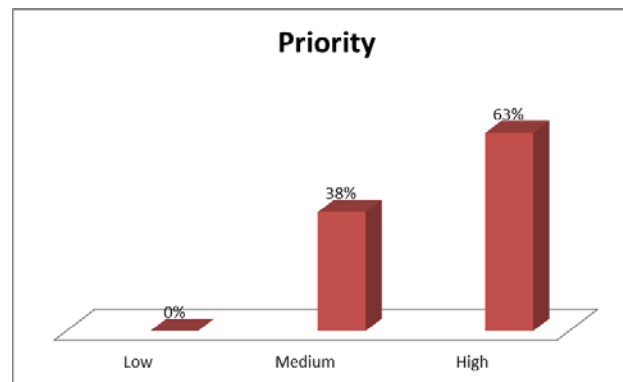
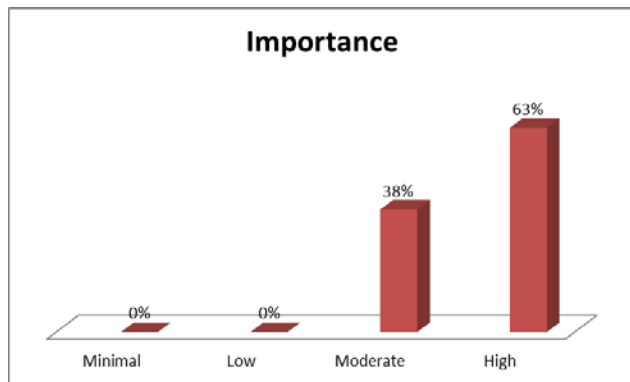
#### **EXPERT INPUT**

In the experts' experience, stockpiles can often be mixed with different sorts of ammunition, including active and unserviceable ammunition. This varied from case to case and, at times, from storage depot to storage depot. In these cases, some experts felt they had to lobby local authorities to explain and emphasize the damaging repercussions of not separating ammunition stockpiles. Other experts did not have this experience. Within the expert meeting, UNIDIR observed a lack of common understanding, which underlined the importance of context and experience when studying these survey results.

As an additional comment, some experts saw stock checks as security- rather than safety-related items.

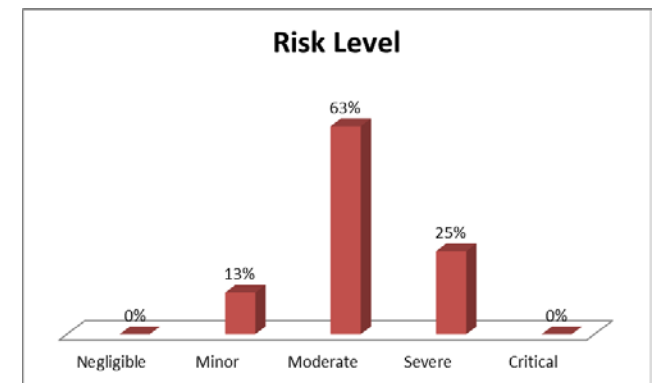
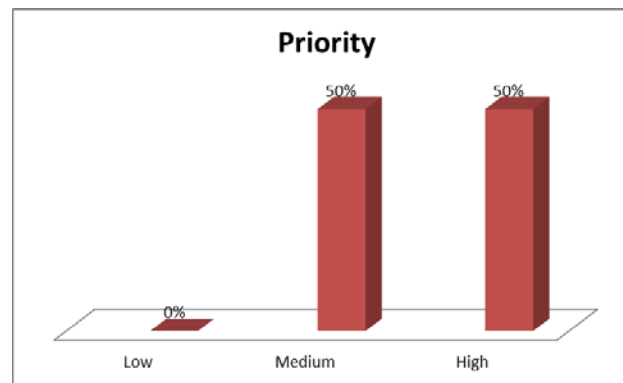
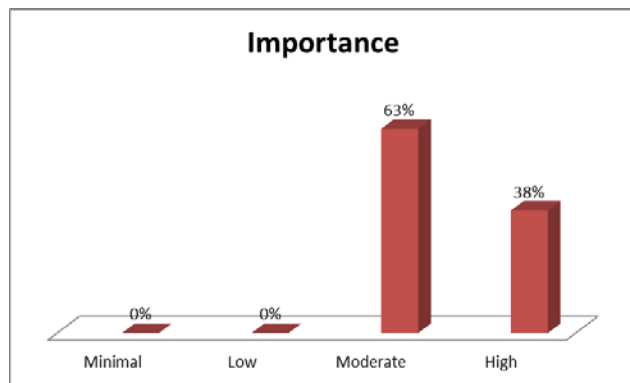
Q.11 The stockpile is formally divided between operational, training, and surplus and unserviceable categories.

Importance (I)	Q.11	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	38%
Severe	Severe	38%
Critical	Critical	13%



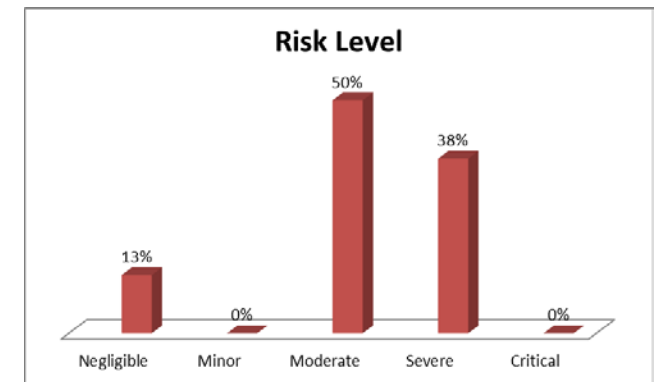
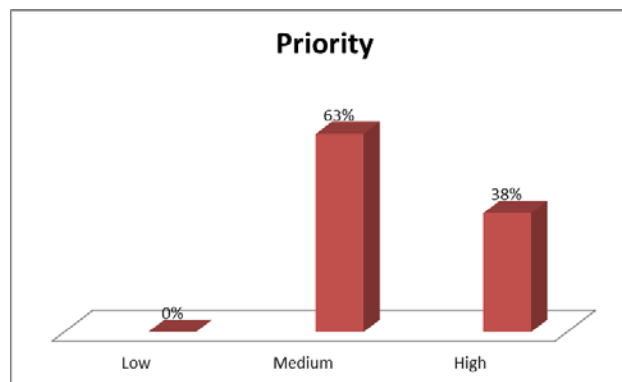
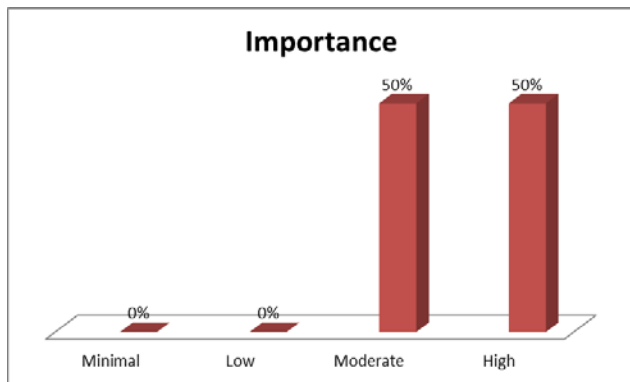
Q.12 A formally established unit responsible for the storage of ammunition and explosives exists.

Importance (I)	Q.12	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	63%
High	High	38%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	0%



Q.13 An ammunition accounting system that can account by type, quantity and location of ammunition exists.

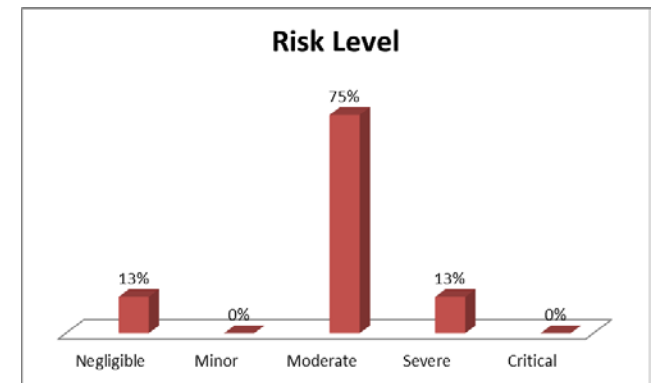
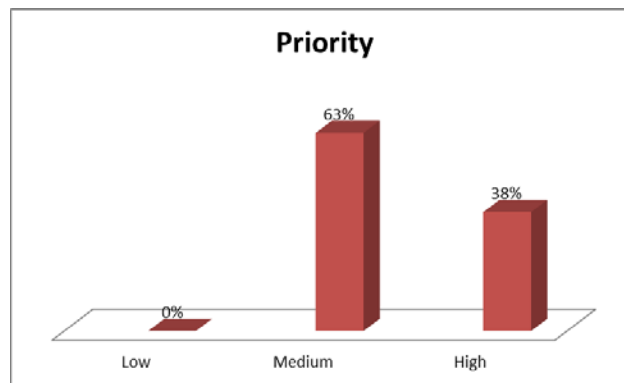
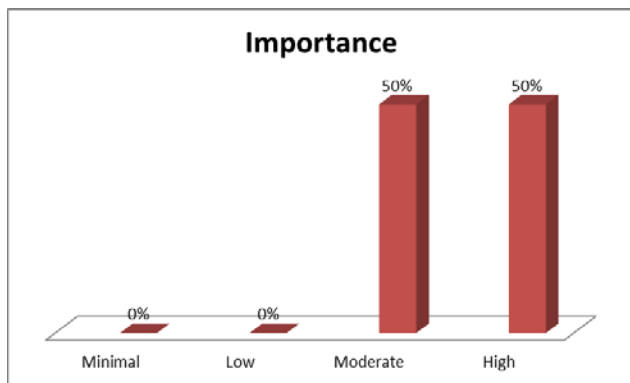
Importance (I)	Q.13	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	50%
High	High	50%
Priority (P)		
Low	Low	0%
Medium	Medium	63%
High	High	38%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	0%
Moderate	Moderate	50%
Severe	Severe	38%
Critical	Critical	0%





Q.14 Regular, independent stocktakes and audits are carried out.

Importance (I)	Q.14	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	50%
High	High	50%
Priority (P)		
Low	Low	0%
Medium	Medium	63%
High	High	38%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	0%
Moderate	Moderate	75%
Severe	Severe	13%
Critical	Critical	0%



#### 4. Safety: Explosive Contents

In the Safety – Explosive Contents area, the survey included nine items:

- Q.15 The United Nations Hazard Division marking system is used.
- Q.16 A National Hazard Division marking system is used if the United Nations marking system is not.
- Q.17 The Hazard Division marking system shows HCC, HD, United Nations Series Number, Ammunition Type, Lot/Batch Number and Quantity.
- Q.18 An ESH stacking system (Stack Tally Cards) is in place.
- Q.19 Stack Tally Cards contain HD, Lot/Batch Number and Quantity.
- Q.20 Ammunition of CG 'H' or equivalent is stored separately to all other ammunition types.
- Q.21 Tools and first aid kits are available where CG 'H' equivalent (White Phosphorous) is being stored.
- Q.22 Non-palletized stores are on battens, racking or equivalent.
- Q.23 Gangways between stacks are in place.

This area covered a wide variety of safety practices and displayed a substantial amount of variation in all ratings.

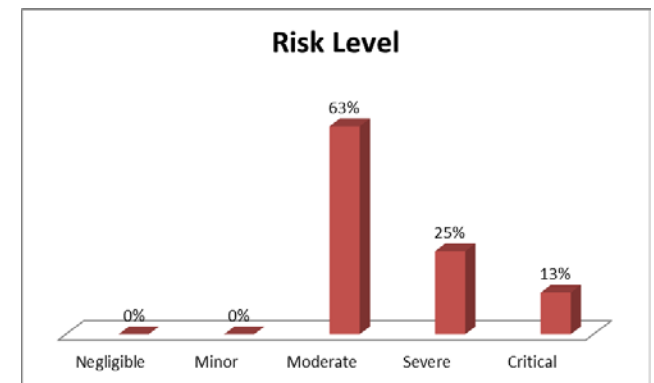
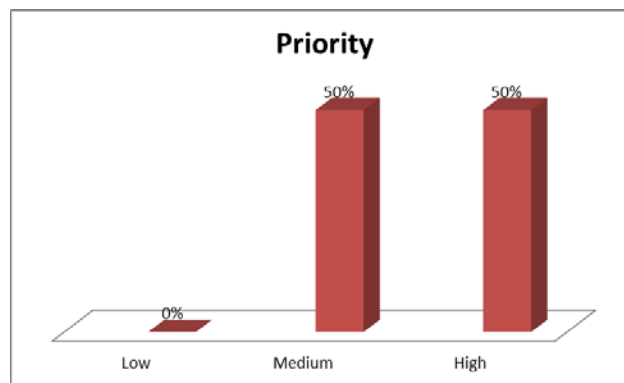
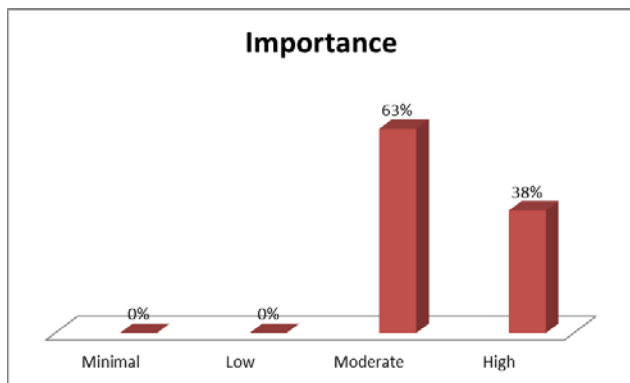
Regarding a Hazard Division marking system, this area mentioned two potential avenues: the United Nations Hazard Division marking system or a National Hazard Division marking system (Q.15–Q.16). Respondents shared little common understanding regarding the use of either avenues.

Where respondents shared considerable common understanding was in relation to item Q.21, which stipulates that tools and first aid kits be available where CH 'H' equivalent (White Phosphorus). Here, respondents rated this item a matter of High Importance (88%) and High Priority (88%) with 75% combined Severe or Critical associated Risk Level.

On no other items in this area can such strong common understanding be observed.

Q.15 The United Nations Hazard Division marking system is used.

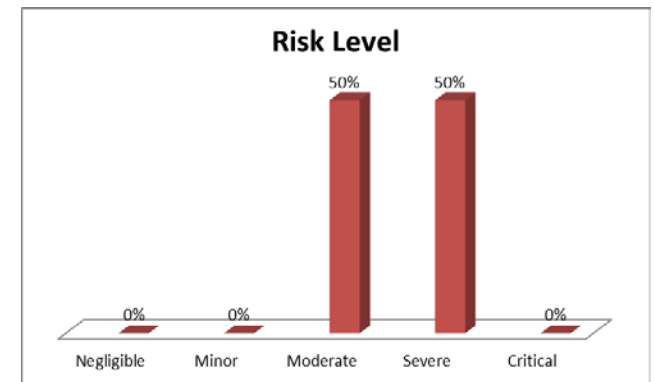
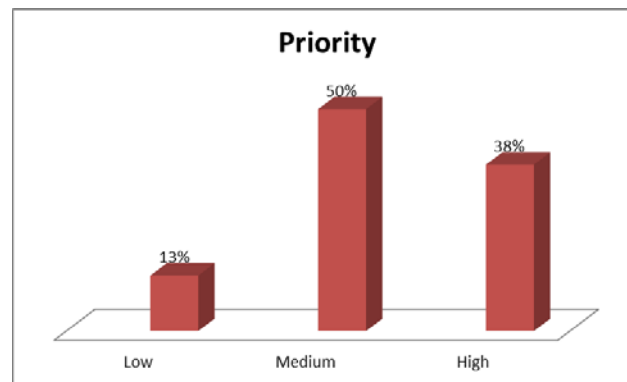
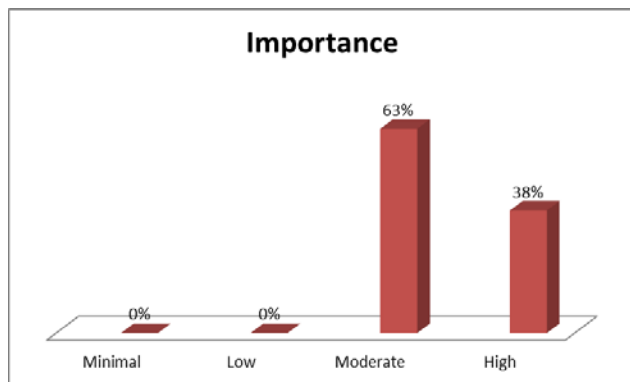
Importance (I)	Q.15	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	63%
High	High	38%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	13%



Q.16 A National Hazard Division marking system is used if the United Nations marking system is not.

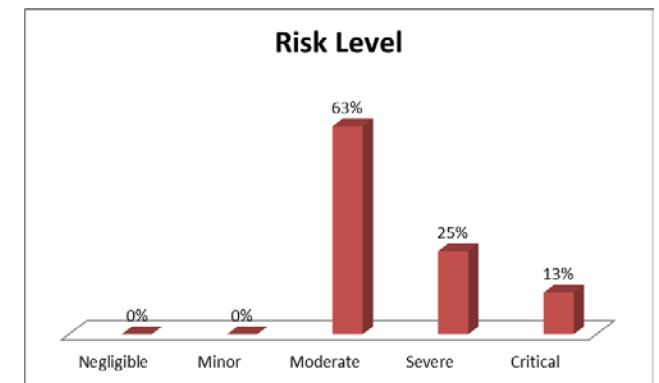
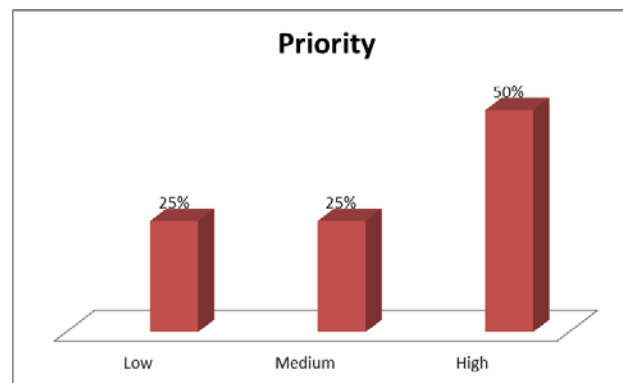
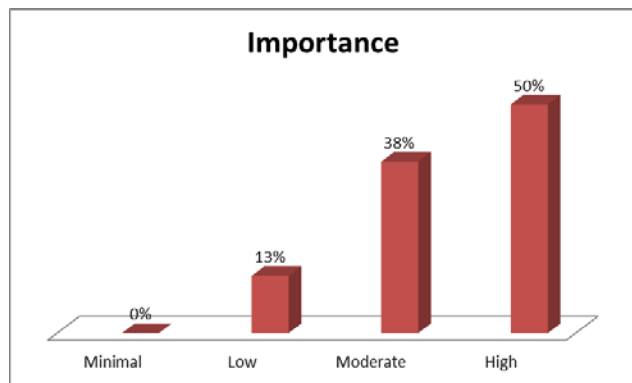
Importance (I)	Q.16	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	63%
High	High	38%
Priority (P)		
Low	Low	13%
Medium	Medium	50%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	50%
Severe	Severe	50%
Critical	Critical	0%

**EXPERT INPUT**  
 Many experts have come across ammunition packaging which does not match its contents, even in settings where United Nations or National Hazard Division marking systems are in place. Nevertheless, experts believed this to be an important part of an initial safety assessment.



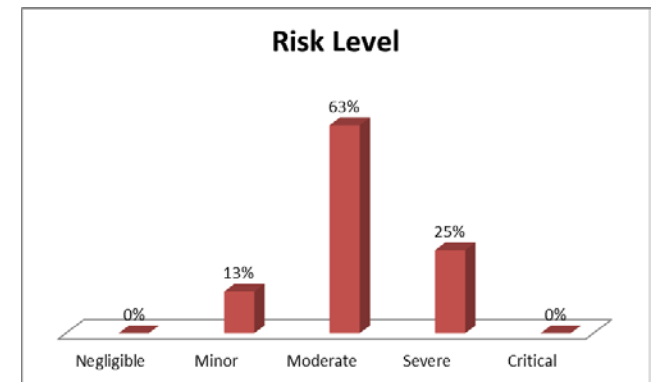
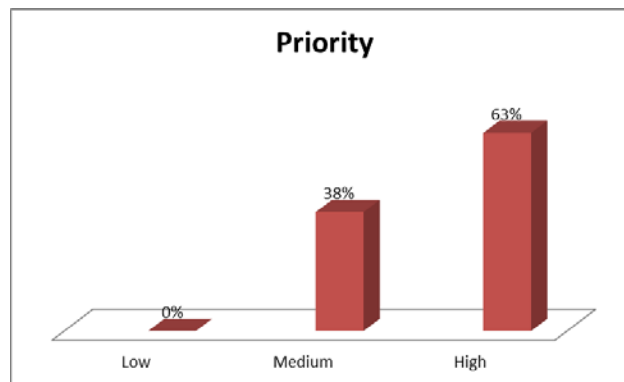
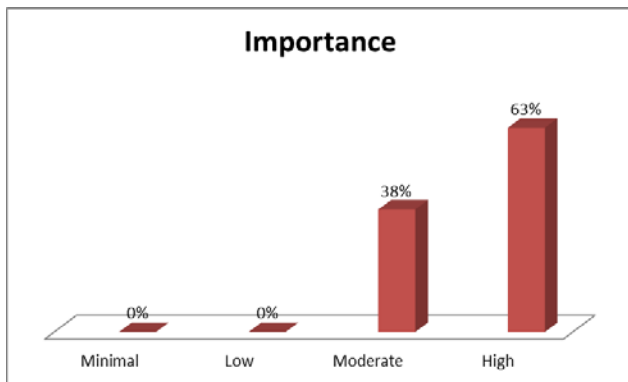
Q.17 The Hazard Division marking system shows HCC, HD, United Nations Series Number, Ammunition Type, Lot/Batch Number and Quantity.

Importance (I)	Q.17	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	25%
Medium	Medium	25%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	13%



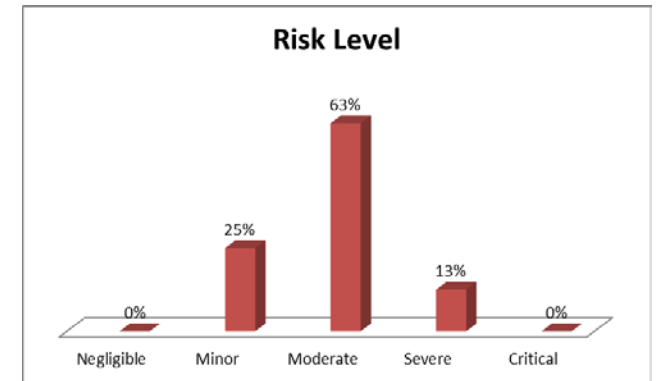
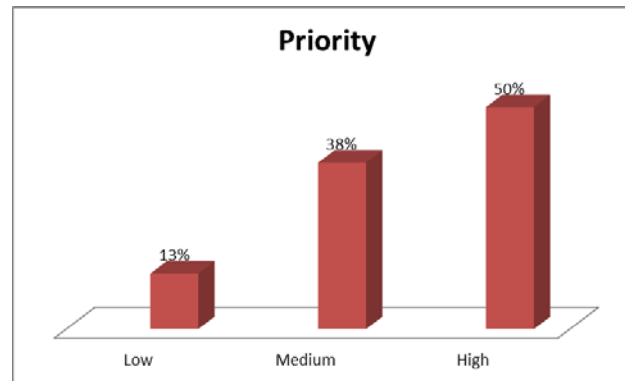
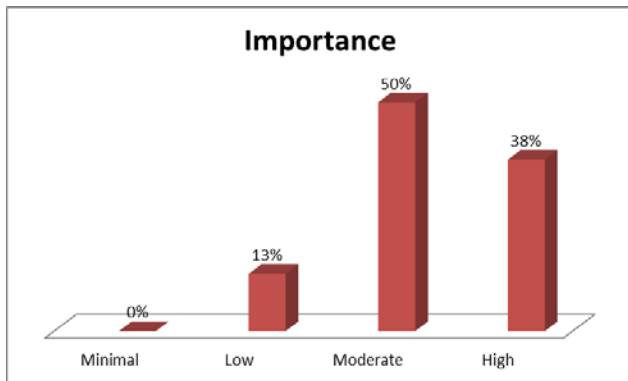
Q.18 An ESH stacking system (Stack Tally Cards) is in place.

Importance (I)	Q.18	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	0%



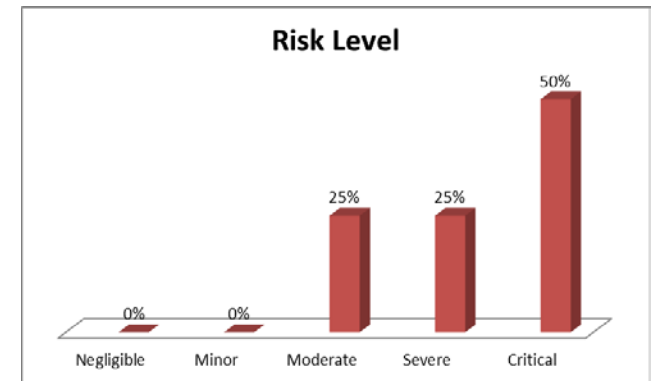
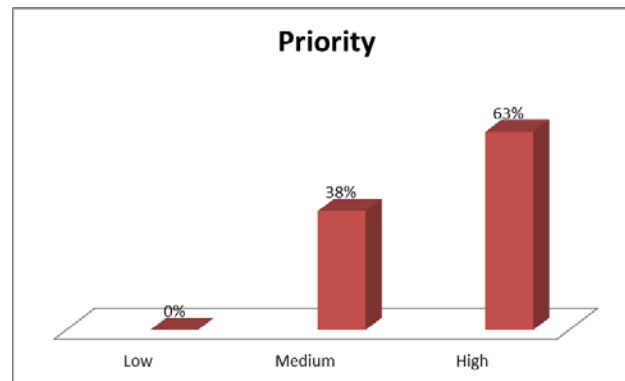
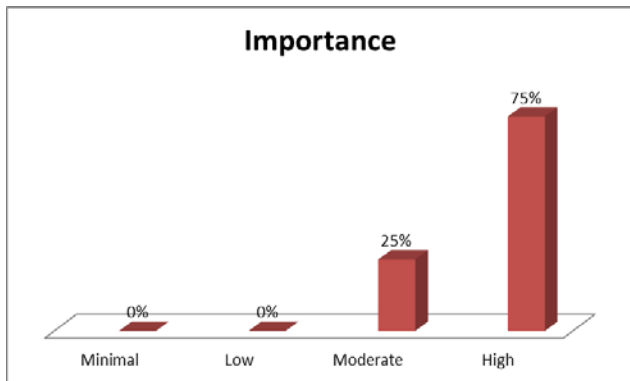
Q.19 Stack Tally Cards contain HD, Lot/Batch Number and Quantity.

Importance (I)	Q.19	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	50%
High	High	38%
Priority (P)		
Low	Low	13%
Medium	Medium	38%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	25%
Moderate	Moderate	63%
Severe	Severe	13%
Critical	Critical	0%



Q.20 Ammunition of CG 'H' or equivalent is stored separately to all other ammunition types.

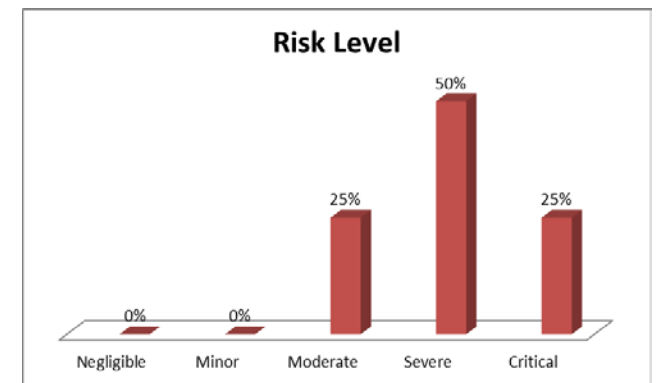
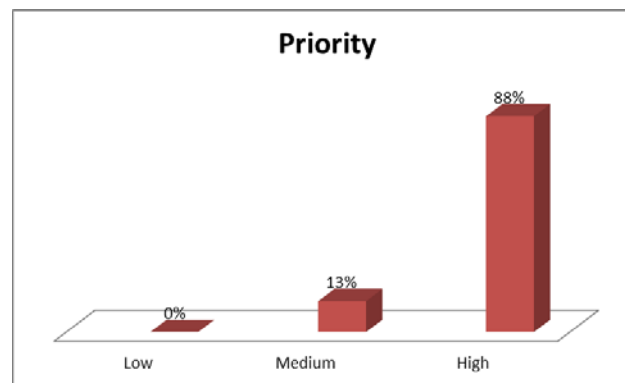
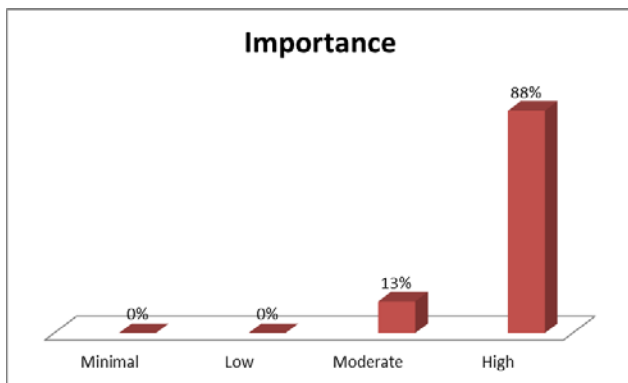
Importance (I)	Q.20	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	25%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	25%
Critical	Critical	50%





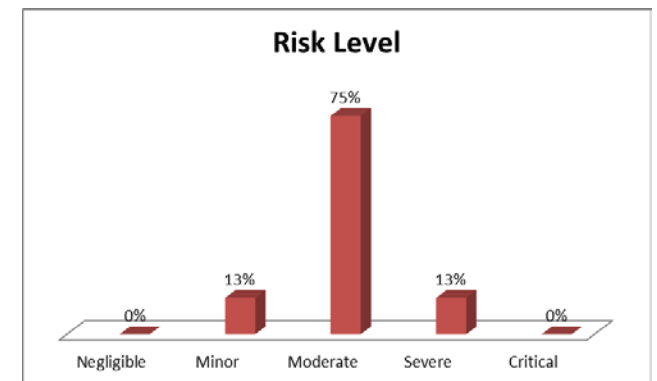
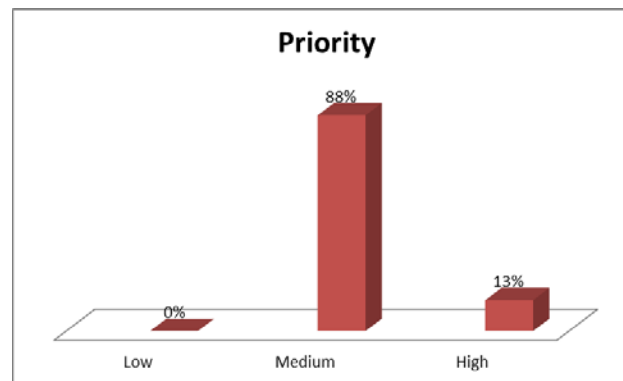
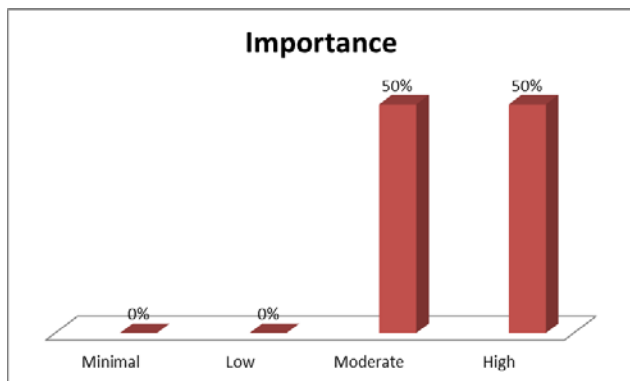
Q.21 Tools and first aid kits are available where CG 'H' equivalent (White Phosphorous) is being stored.

Importance (I)	Q.21	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	13%
High	High	88%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	50%
Critical	Critical	25%



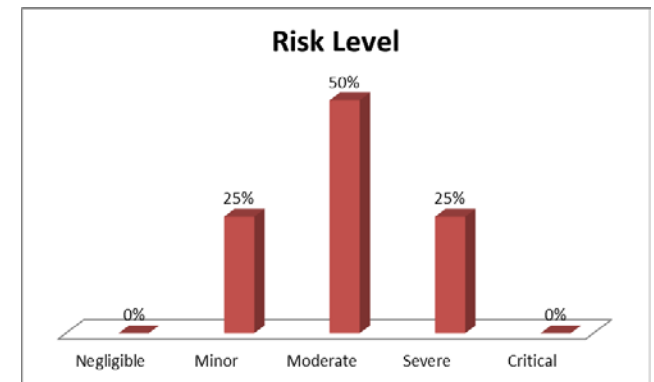
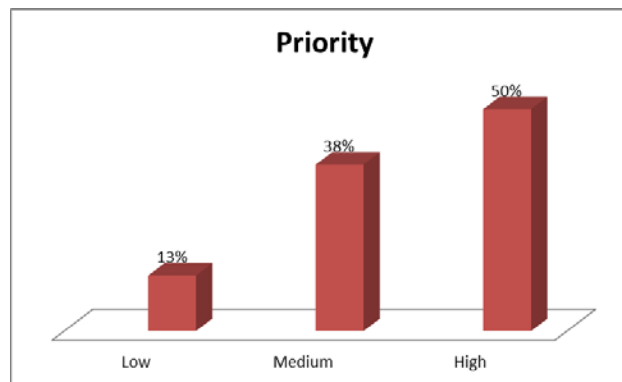
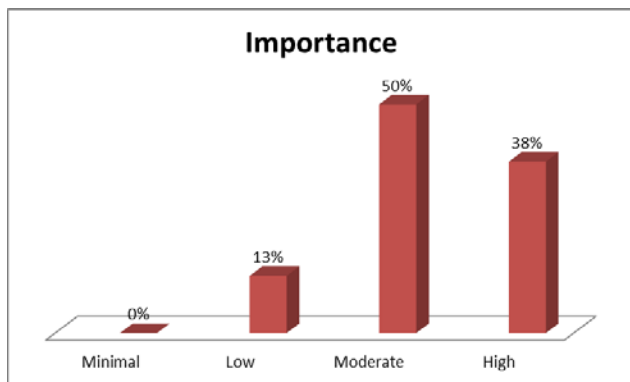
Q.22 Non-palletized stores are on battens, racking or equivalent.

Importance (I)	Q.22	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	50%
High	High	50%
Priority (P)		
Low	Low	0%
Medium	Medium	88%
High	High	13%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	75%
Severe	Severe	13%
Critical	Critical	0%



Q.23 Gangways between stacks are in place.

Importance (I)	Q.23	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	50%
High	High	38%
Priority (P)		
Low	Low	13%
Medium	Medium	38%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	25%
Moderate	Moderate	50%
Severe	Severe	25%
Critical	Critical	0%



## 5. Safety: Firefighting (Equipment)

In the Safety – Firefighting (Equipment) area, the survey included four items:

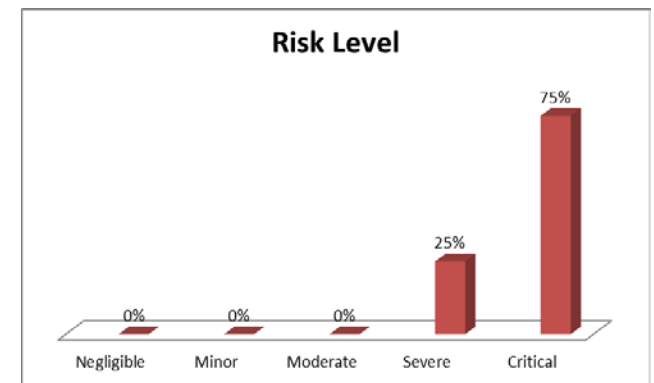
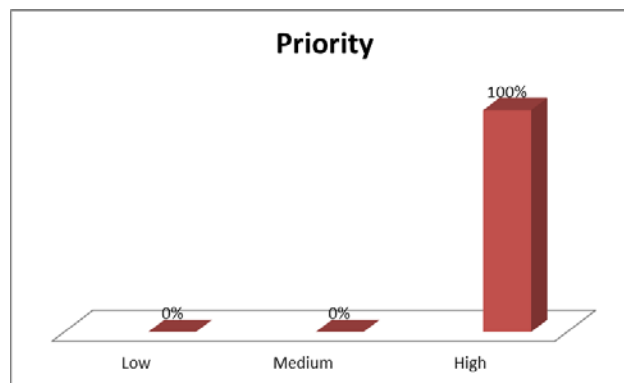
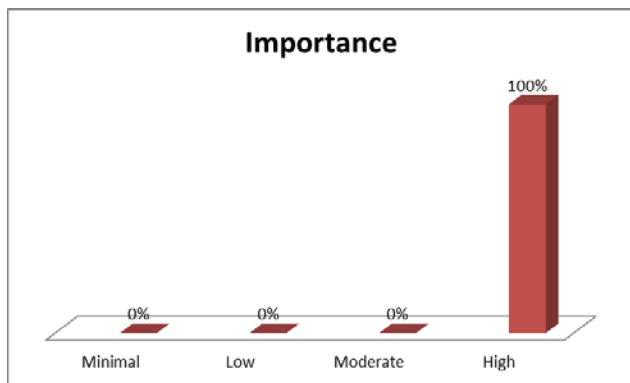
- Q.24 Immediate firefighting equipment is present in an ESH (extinguishers, sand, etc.).
- Q.25 Immediate firefighting equipment is regularly function checked, and checks are recorded.
- Q.26 Fire appliances and equipment are accessible, clearly marked and painted.
- Q.27 Fire beaters are serviceable and in sufficient quantity.

In this area, strong common understanding was observed among respondents. Generally, respondents felt that the following were matters of High Importance and High Priority: that immediate firefighting equipment be present in an ESH (Q.24), that such equipment be regularly function checked and that these checks be recorded (Q.25), and that fire appliances and equipment be accessible, clearly marked and painted (Q.26). All these items shared 75%–100% common understanding regarding their High Importance and High Priority. This trend continued through item Q.27 which stipulates that fire beaters be serviceable and in sufficient quantity. However, the High Importance and High Priority ratings were less conclusive (63% for both).

Moreover, for Q.24–Q.26, the associated Risk Levels reflected general consensus that these were items of 75%–100% Severe or Critical. For item Q.27, the associated Risk Levels were more varied: 38% Moderate, 38% Severe and 25% Critical.

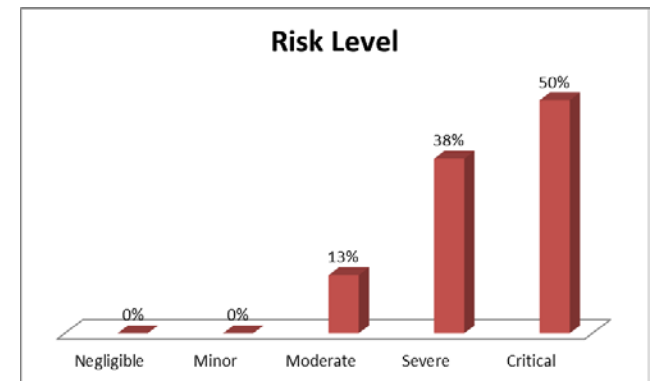
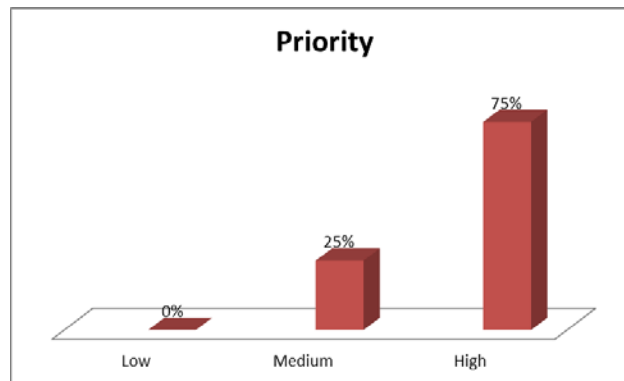
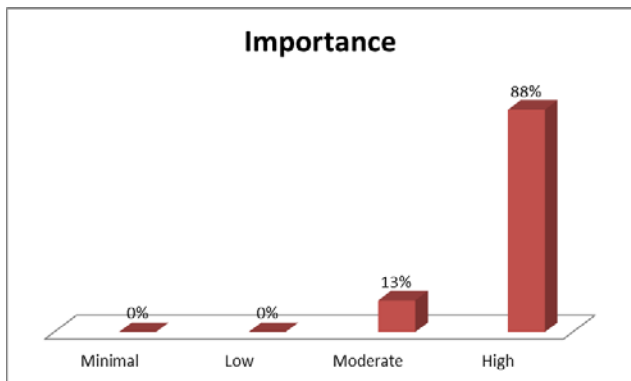
Q.24 Immediate firefighting equipment is present in an ESH (extinguishers, sand, etc.).

Importance (I)	Q.24	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	0%
High	High	100%
Priority (P)		
Low	Low	0%
Medium	Medium	0%
High	High	100%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	0%
Severe	Severe	25%
Critical	Critical	75%



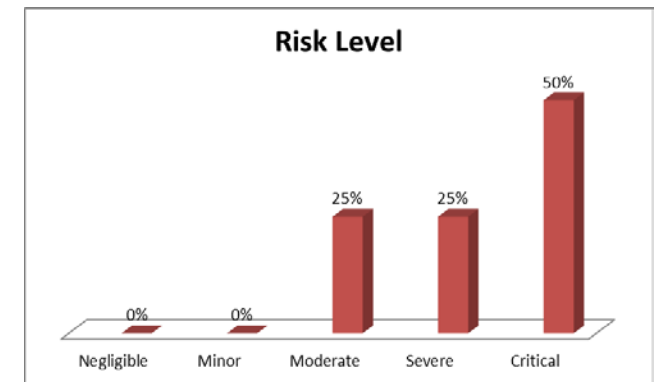
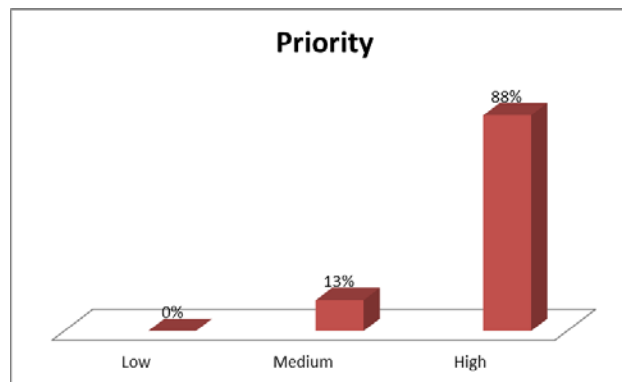
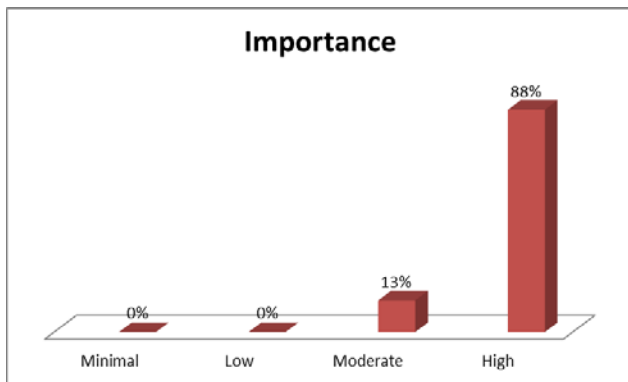
Q.25 Immediate firefighting equipment is regularly function checked, and checks are recorded.

Importance (I)		Q.25	
Minimal	Minimal	0%	0%
Low	Low	0%	
Moderate	Moderate	13%	88%
High	High	88%	
Priority (P)			
Low	Low	0%	75%
Medium	Medium	25%	
High	High	75%	
Risk Level (R)			
Negligible	Negligible	0%	50%
Minor	Minor	0%	
Moderate	Moderate	13%	
Severe	Severe	38%	
Critical	Critical	50%	



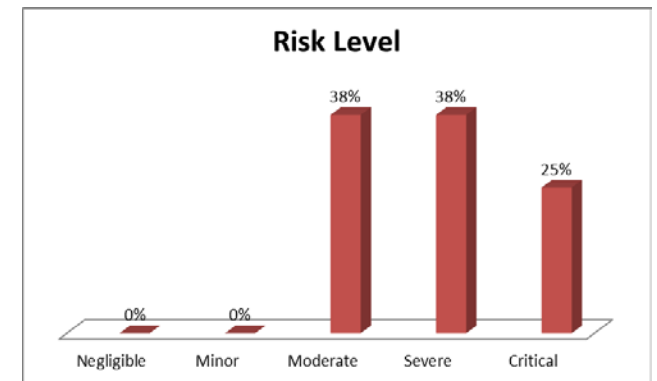
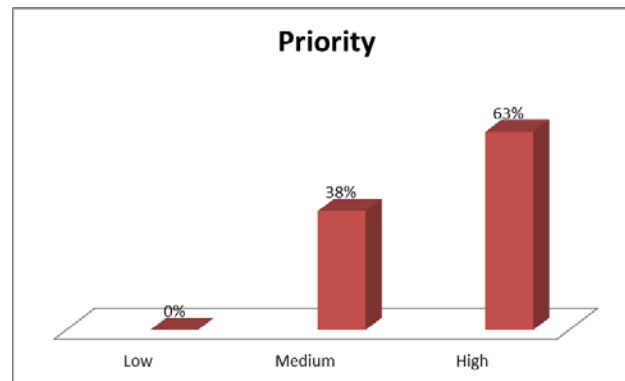
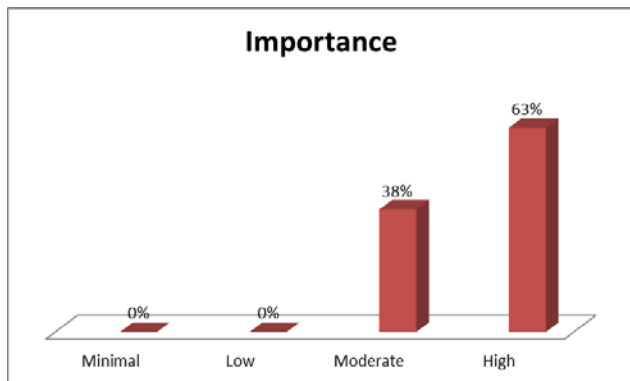
Q.26 Fire appliances and equipment are accessible, clearly marked and painted.

Importance (I)	Q.26	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	13%
High	High	88%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	25%
Critical	Critical	50%



Q.27 Fire beaters are serviceable and in sufficient quantity.

Importance (I)	Q.27	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	38%
Critical	Critical	25%





## 6. Safety: Firefighting (Response)

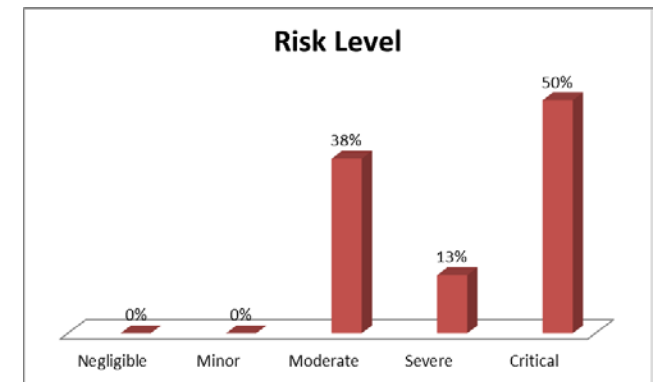
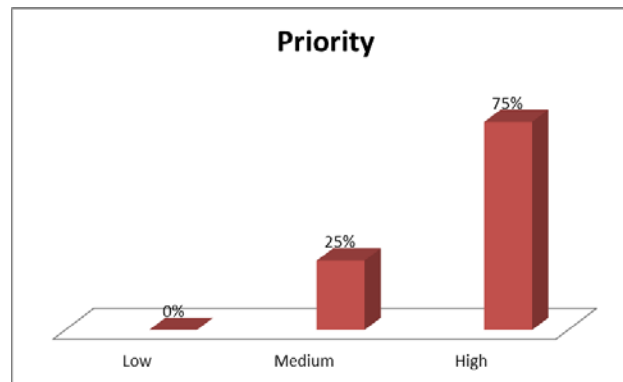
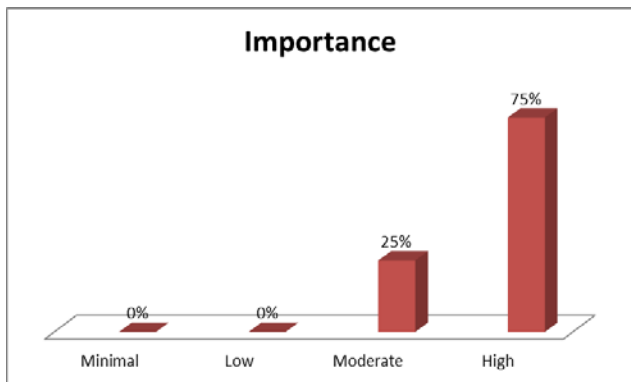
In the Safety – Firefighting (Response) area, the survey included fifteen items:

- Q.28 Formal and written Fire Plans and Fire Orders exist.
- Q.29 A Fire Alarm System is in place and operable.
- Q.30 Vegetation around the Explosive Storage Area and ESH is regularly cut.
- Q.31 Fire Breaks exist within the Explosive Storage Area.
- Q.32 Regular fire practices are held and recorded.
- Q.33 Fire Division Signs and Supplementary Fire Signs are displayed, legible and serviceable.
- Q.34 Fire Division Signs and Supplementary Fire Signs correctly reflect the stocks.
- Q.35 A Formal Liaison to interact with the Local Authority Fire Service exists.
- Q.36 Meetings are held with the Local Authority Fire Service.
- Q.37 The Local Authority Fire Service is aware of what is stored in a storage depot, and is aware of the inherent risks.
- Q.38 The Local Authority Fire Service is informed of any major changes to storage conditions or types of ammunition being stored.
- Q.39 Regular exercises are held with the Local Authority Fire Service.
- Q.40 Empty boxes that are a potential fire hazard are stored in a designated area.
- Q.41 Empty boxes are free of paints, oils, greases, solid waste and wood scraps.
- Q.42 All labels have been removed from empty boxes.

Due to the number of items included in this area, it would be inaccurate to summarize a general trend. However, a majority of respondents believes that the following items were matters of High Importance and High Priority: that formal and written Fire Plans and Fire Orders exist (Q.28), that a Fire Alarm System is in place and operational (Q.29), that vegetation around the Explosive Storage Area and the ESHs is regularly cut (Q.30), that Fire Breaks exist within the Explosive Storage Area (Q.31), that the Local Authority Fire Service is made aware of what is stored in a storage depot, including inherent risks (Q.37), and that empty boxes which may be a fire hazard be stored in a designated area (Q.40). Across all of these aforementioned items, variation in associated Risk Level was observed.

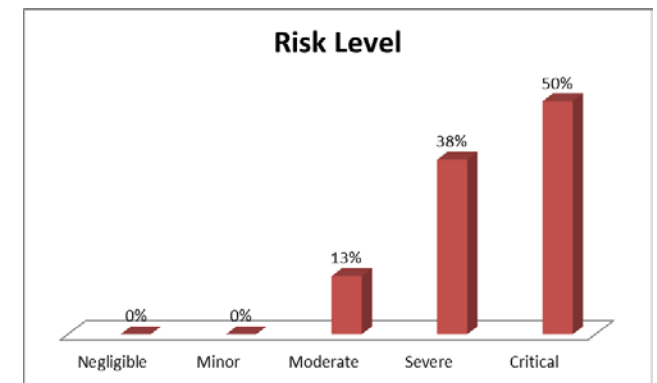
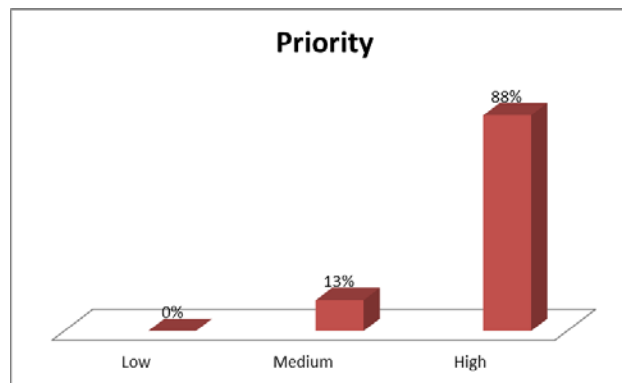
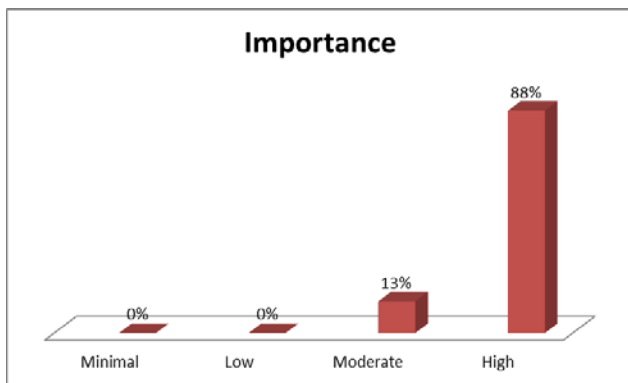
Q.28 Formal and written Fire Plans and Fire Orders exist.

Importance (I)	Q.28	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	25%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	25%
High	High	75%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	13%
Critical	Critical	50%



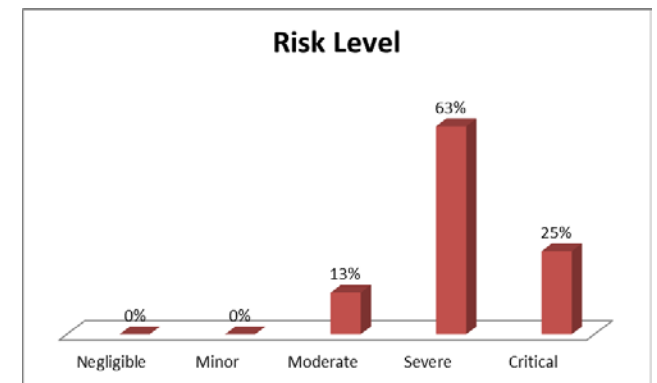
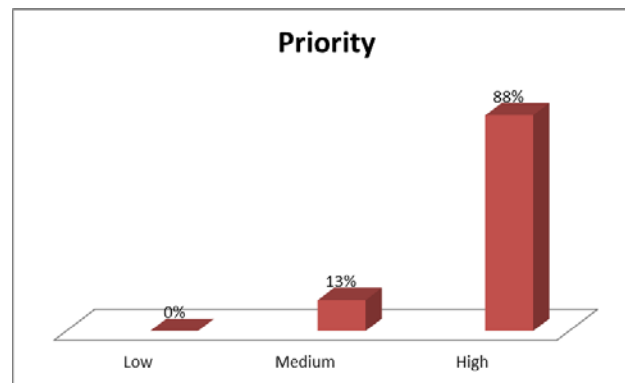
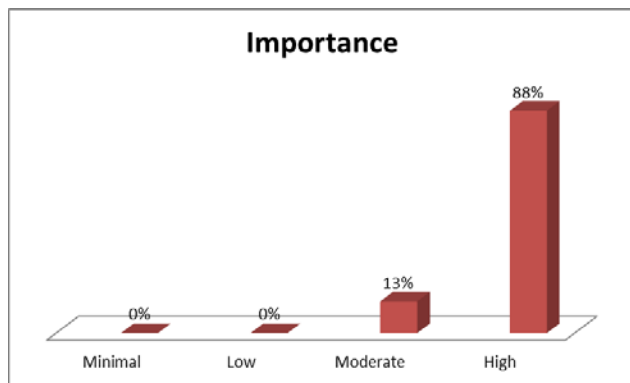
Q.29 A Fire Alarm System is in place and operable.

Importance (I)	Q.29	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	13%
High	High	88%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	13%
Severe	Severe	38%
Critical	Critical	50%



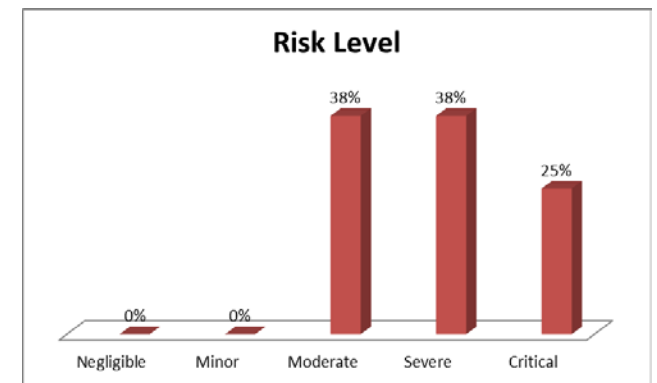
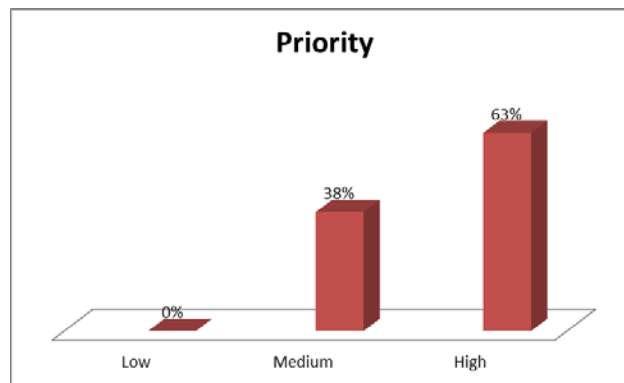
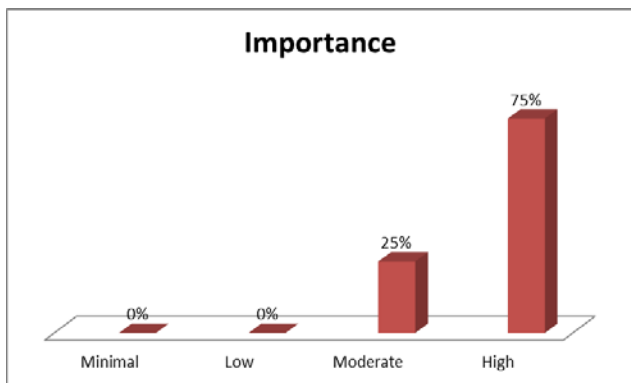
Q.30 Vegetation around the Explosive Storage Area and the ESH is regularly cut.

Importance (I)	Q.30	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	13%
High	High	88%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	13%
Severe	Severe	63%
Critical	Critical	25%



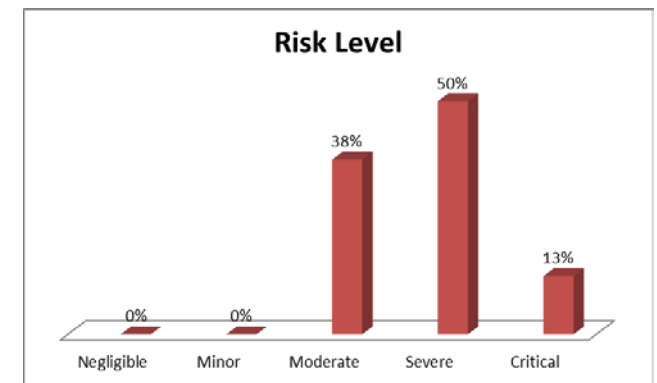
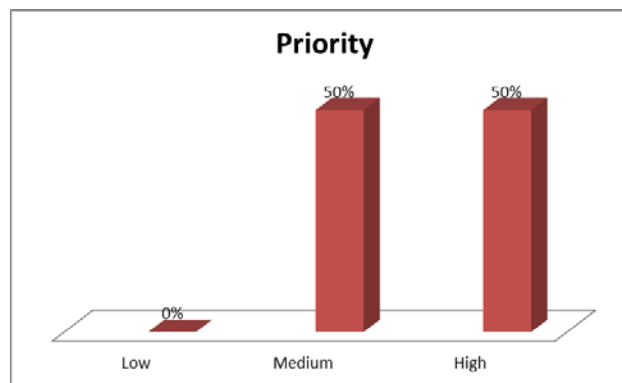
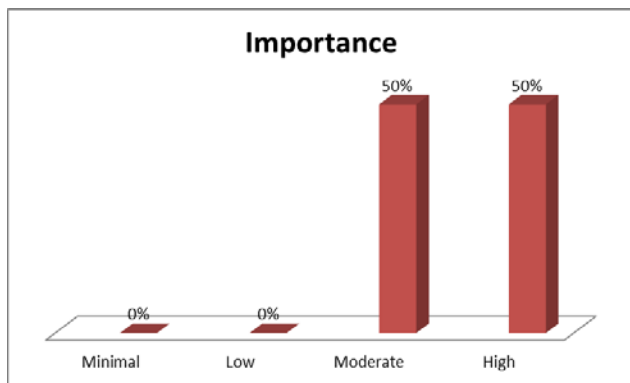
Q.31 Fire Breaks exist within the Explosive Storage Area.

Importance (I)	Q.31	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	25%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	38%
Critical	Critical	25%



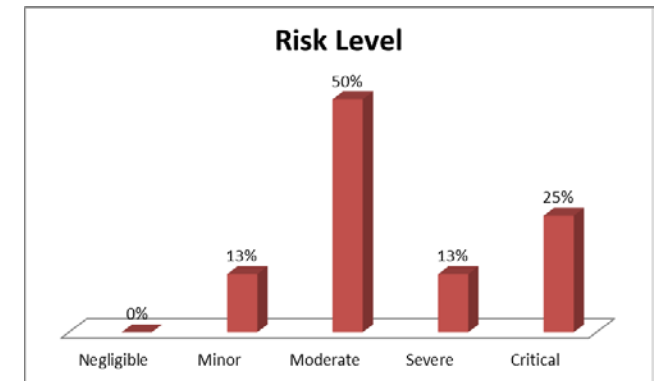
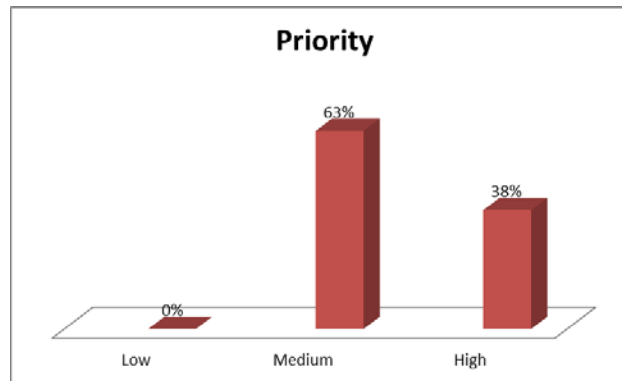
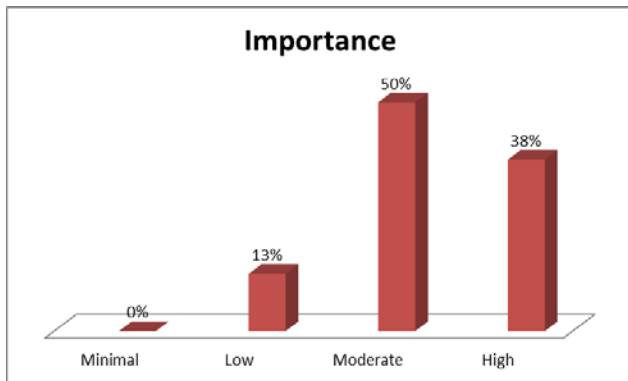
Q.32 Regular fire practices are held and recorded.

Importance (I)	Q.32	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	50%
High	High	50%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	50%
Critical	Critical	13%



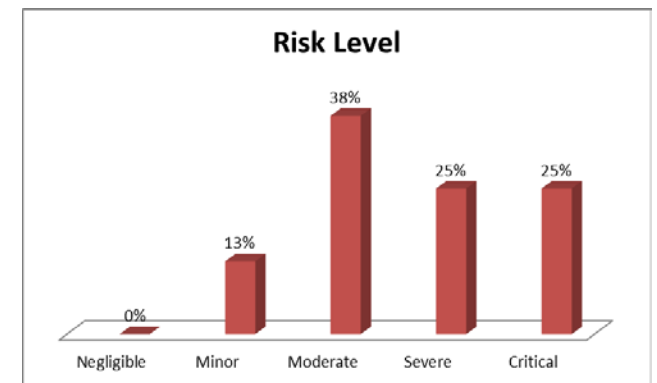
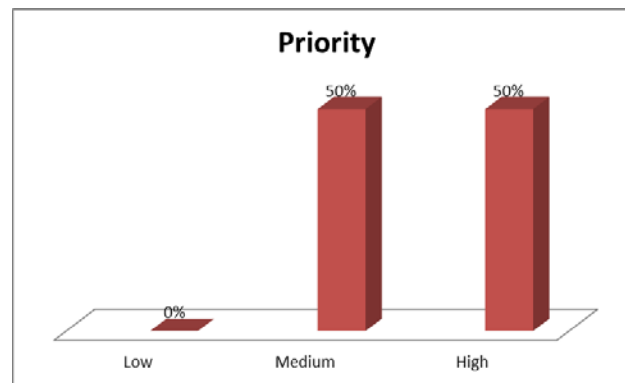
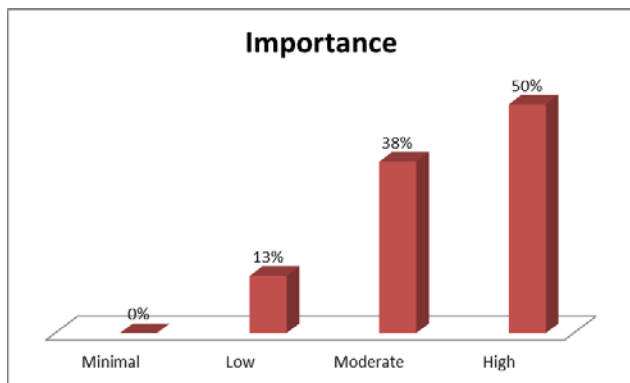
Q.33 Fire Division Signs and Supplementary Fire Signs are displayed, legible and serviceable.

Importance (I)	Q.33	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	50%
High	High	38%
Priority (P)		
Low	Low	0%
Medium	Medium	63%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	50%
Severe	Severe	13%
Critical	Critical	25%



Q.34 Fire Division Signs and Supplementary Fire Signs correctly reflect the stocks.

Importance (I)	Q.34	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	38%
Severe	Severe	25%
Critical	Critical	25%



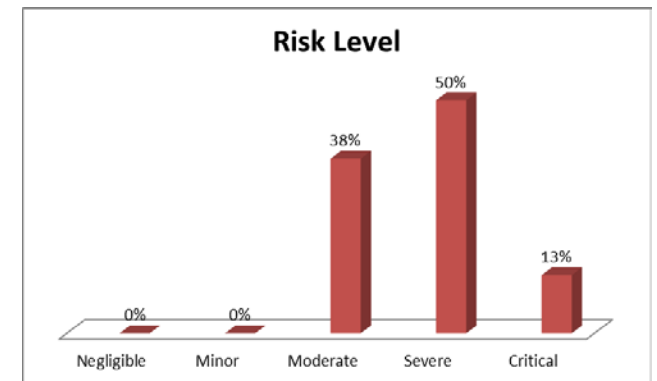
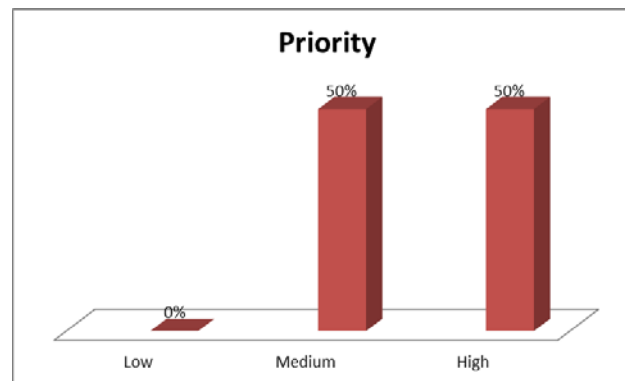
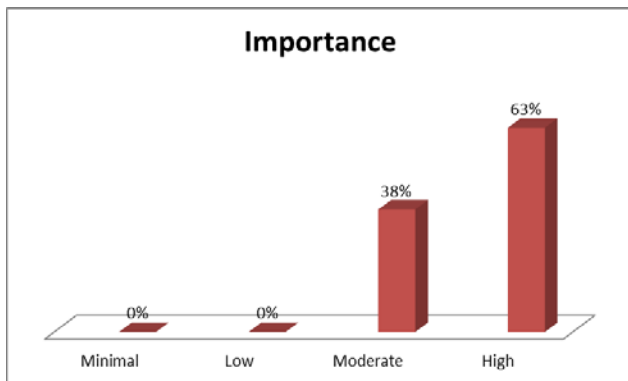


Q.35 A Formal Liaison to interact with the Local Authority Fire Service exists.

Importance (I)	Q.35	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	50%
Critical	Critical	13%

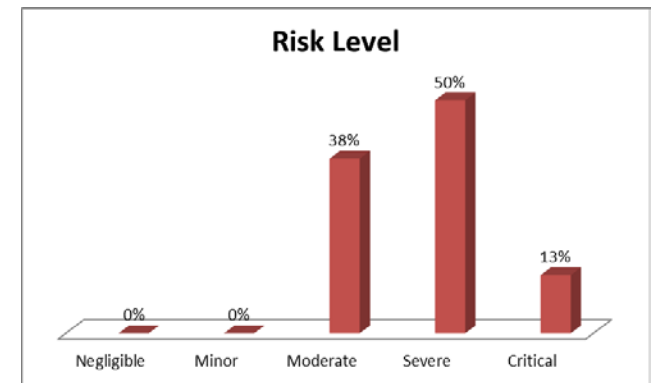
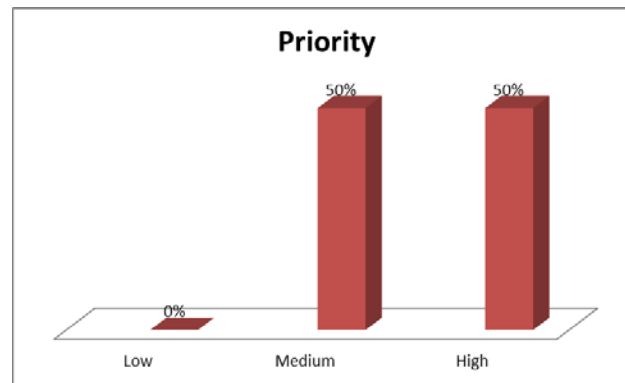
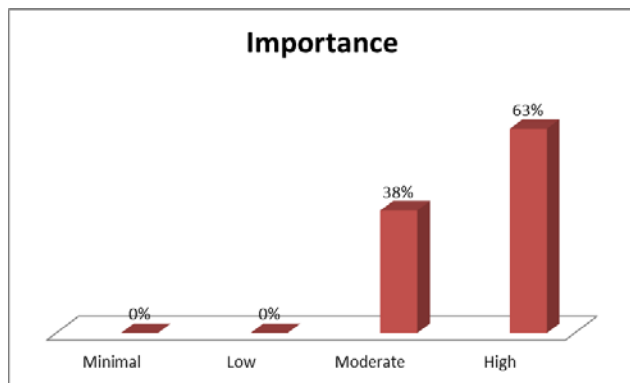
**EXPERT INPUT**

The experts discussed their experiences of working with local authorities on these matters. Many had experienced issues concerning secrecy and a lack of trust between international and national actors. Additionally, in many conflict-affected settings, the Local Authority Fire Service is often the army, which, according to many experts, is not sufficiently trained to fight fires and which results in a capability issue.



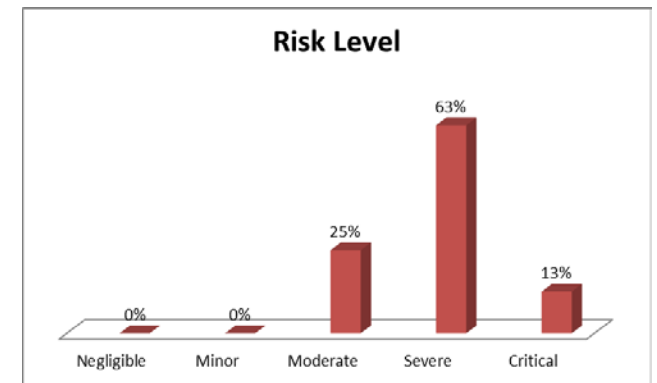
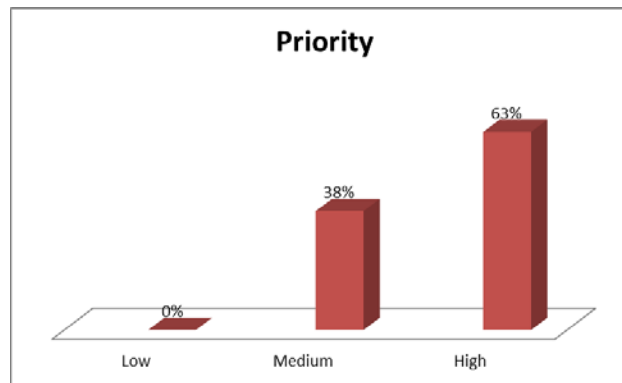
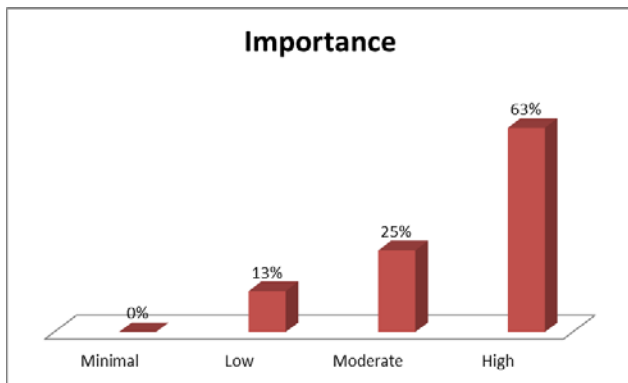
Q.36 Meetings are held with the Local Authority Fire Service.

Importance (I)	Q.36	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	50%
Critical	Critical	13%



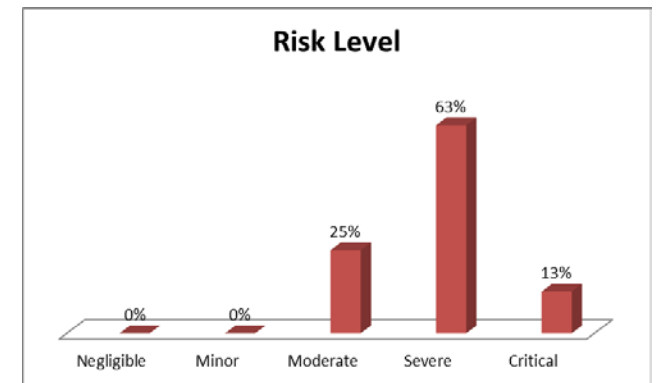
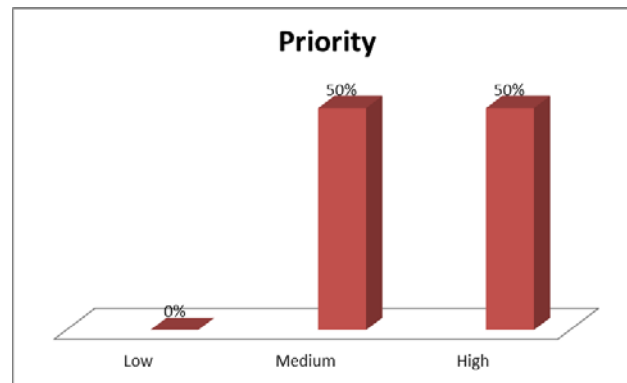
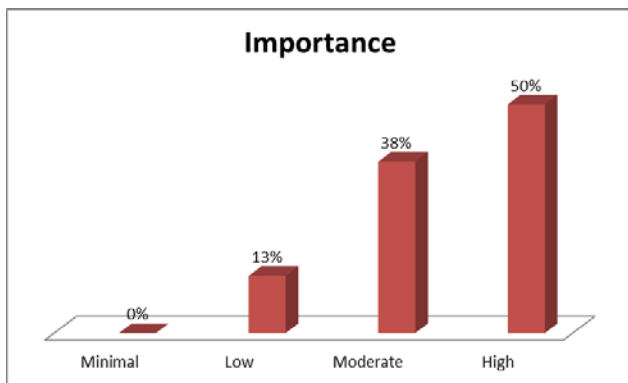
Q.37 The Local Authority Fire Service is aware of what is stored in a storage depot, and is aware of the inherent risks.

Importance (I)	Q.37	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	25%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	38%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	63%
Critical	Critical	13%



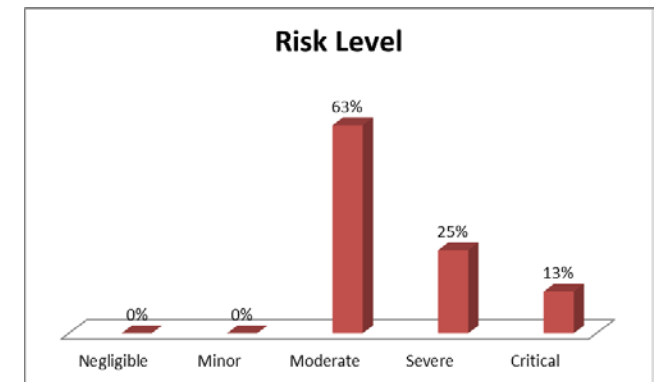
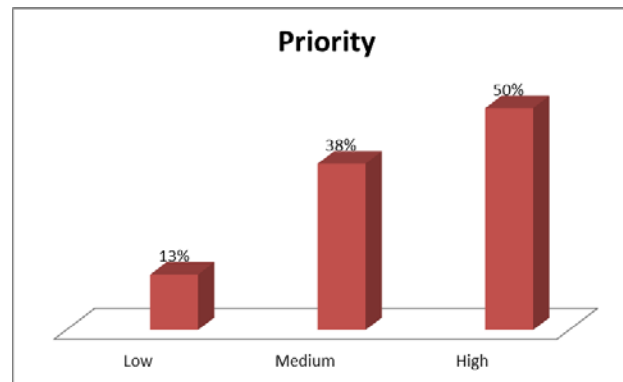
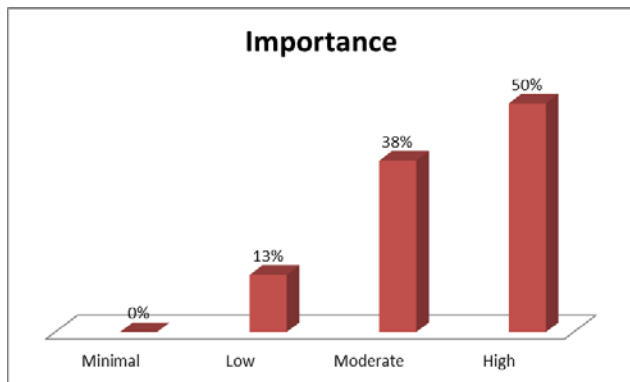
Q.38 The Local Authority Fire Service is informed of any major changes to storage conditions or types of ammunition being stored.

Importance (I)	Q.38	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	63%
Critical	Critical	13%



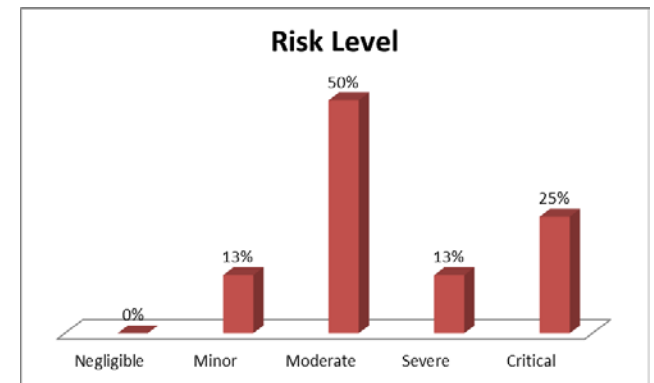
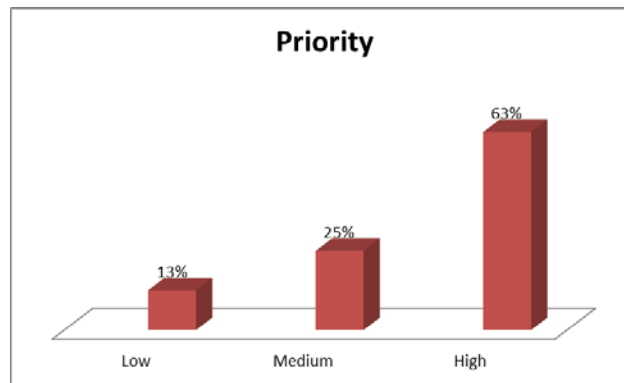
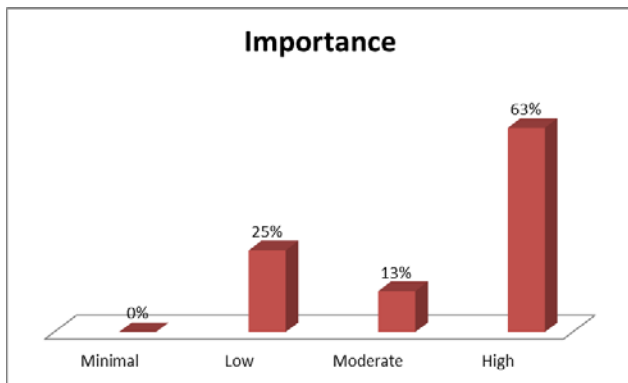
Q.39 Regular exercises are held with the Local Authority Fire Service.

Importance (I)	Q.39	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	13%
Medium	Medium	38%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	13%



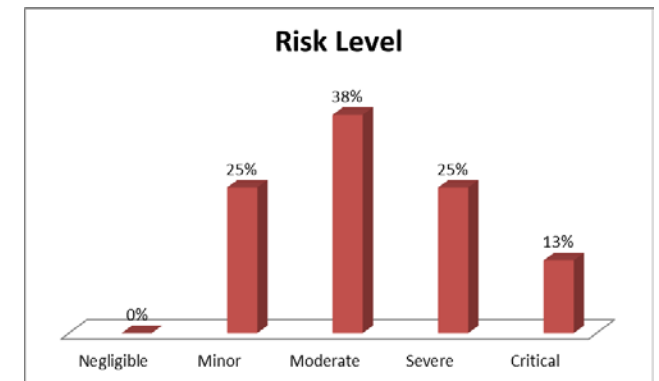
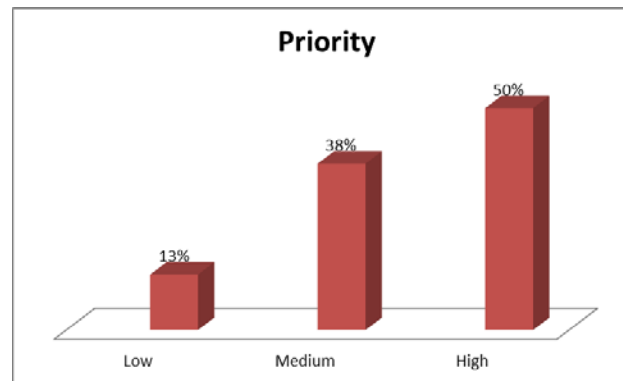
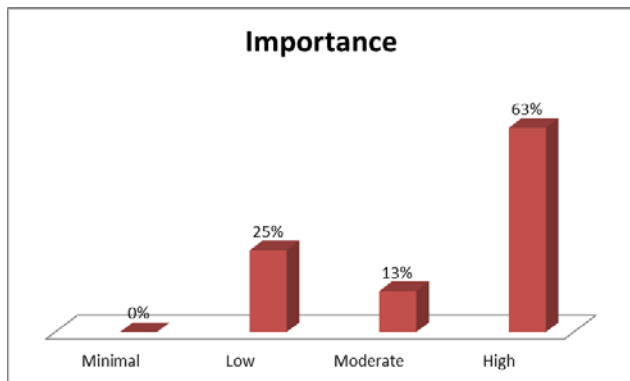
Q.40 Empty boxes that are a potential fire hazard are stored in a designated area.

Importance (I)	Q.40	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	13%
High	High	63%
Priority (P)		
Low	Low	13%
Medium	Medium	25%
High	High	63%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	50%
Severe	Severe	13%
Critical	Critical	25%



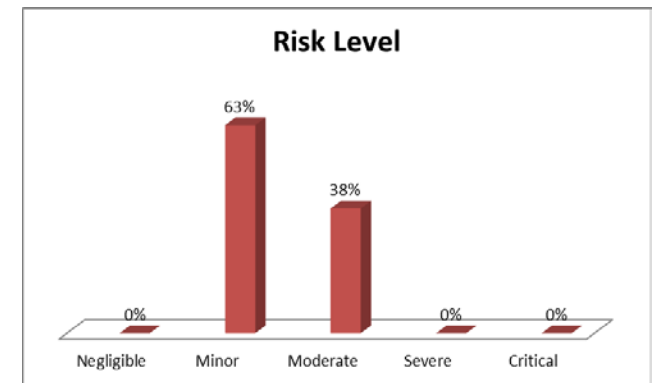
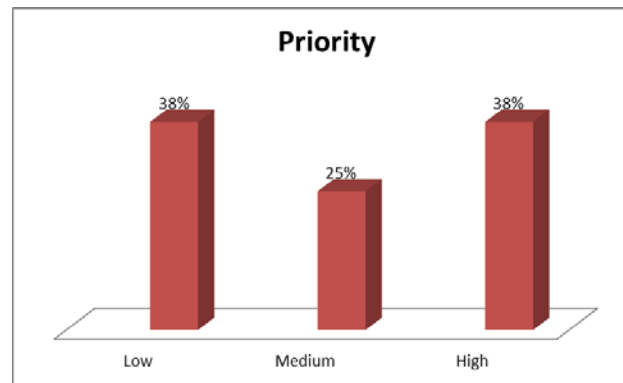
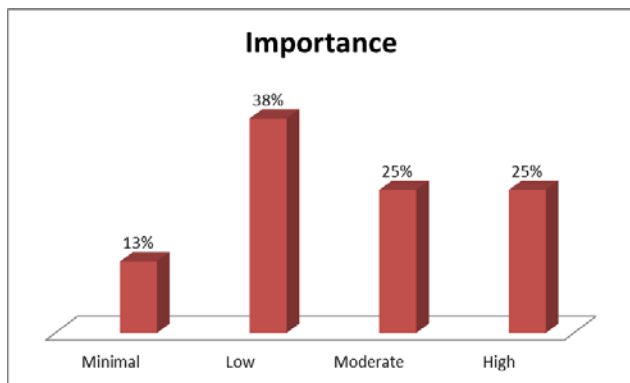
Q.41 Empty boxes are free of pains, oils, greases, solid waste and wood scraps.

Importance (I)	Q.41	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	13%
High	High	63%
Priority (P)		
Low	Low	13%
Medium	Medium	38%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	25%
Moderate	Moderate	38%
Severe	Severe	25%
Critical	Critical	13%



Q.42 All labels have been removed from empty boxes.

Importance (I)	Q.42	
Minimal	Minimal	13%
Low	Low	38%
Moderate	Moderate	25%
High	High	25%
Priority (P)		
Low	Low	38%
Medium	Medium	25%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	63%
Moderate	Moderate	38%
Severe	Severe	0%
Critical	Critical	0%





## 7. Safety: Firefighting (Vegetation)

In the Safety – Firefighting (Vegetation) area, the survey included five items:

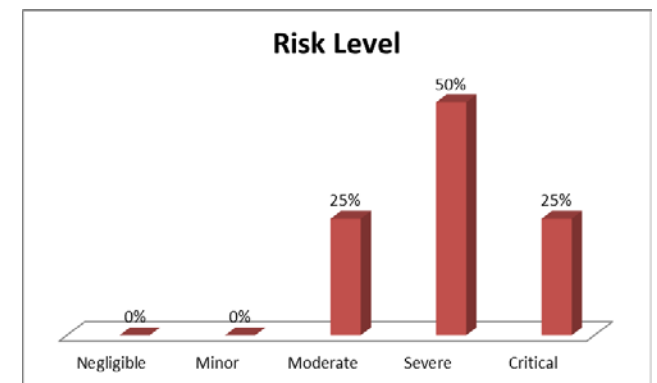
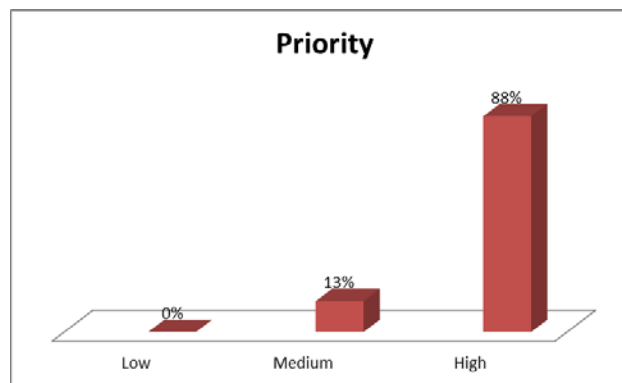
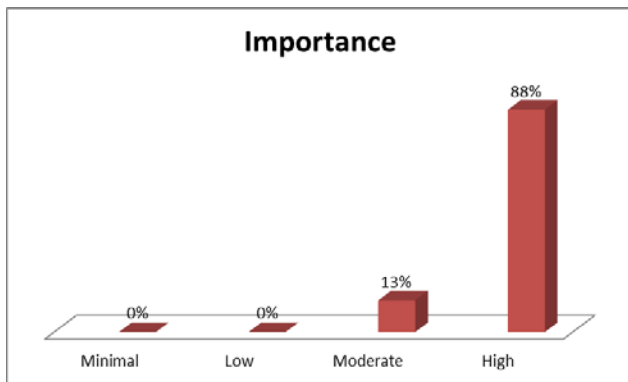
- Q.43 A 1 meter sterile area around each ESH area exists.
- Q.44 Each ESH area is clear of grass, foliage, shrubbery, gorse and heather.
- Q.45 Grassed areas inside and outside the storage depot are sufficiently mown and all grass cuttings are removed.
- Q.46 The grass is cut at least bi-monthly.
- Q.47 Trees are inside the storage depot to serve as camouflage.

General common understanding regarding the High Importance and High Priority can be observed in the first three items (Q.43–Q.45) which stipulate that a 1 meter sterile area around each ESH area exists (Q.43), that each ESH area be clear of grass, foliage, shrubbery, gorse and heather (Q.44), and that grassed areas inside and outside the storage depot be sufficiently mown and that all grass cuttings be removed (Q.45). However, regarding the last of these items (Q.45), which concerns mowing the area inside and outside the storage depot, 38% believed it to be of Moderate and 63% High Importance, whereas this item's Priority was rated as Medium by 38% and High by 63% of respondents. Therefore, while there is a majority rating in both Importance and Priority, this is a weaker majority than that of the previous two items, Q.43 and Q.44.

Common understanding can also be observed on item Q.47 which stipulates that trees be inside a storage depot to serve as camouflage. Respondents generally believed this item to be a matter of Minimal Importance (57%), Low Priority (71%) and Negligible associated Risk Level (57%).

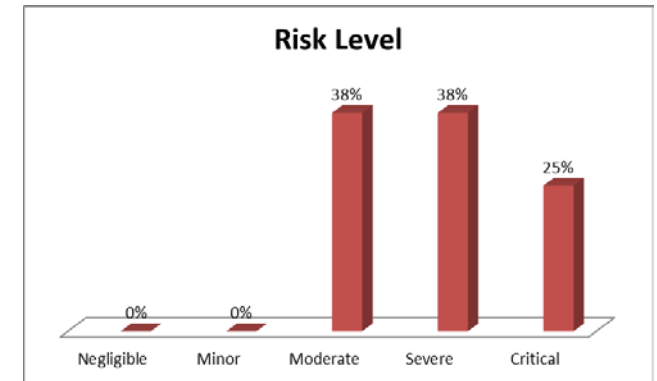
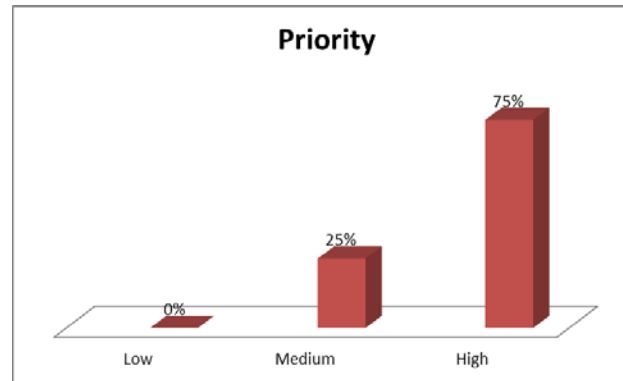
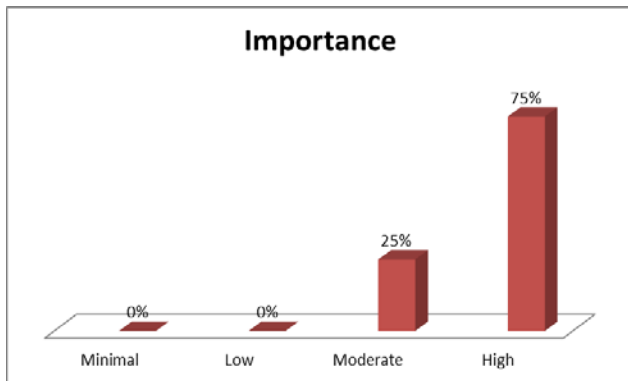
Q.43 A 1 meter sterile area around each ESH area exists.

Importance (I)	Q.43	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	13%
High	High	88%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	50%
Critical	Critical	25%



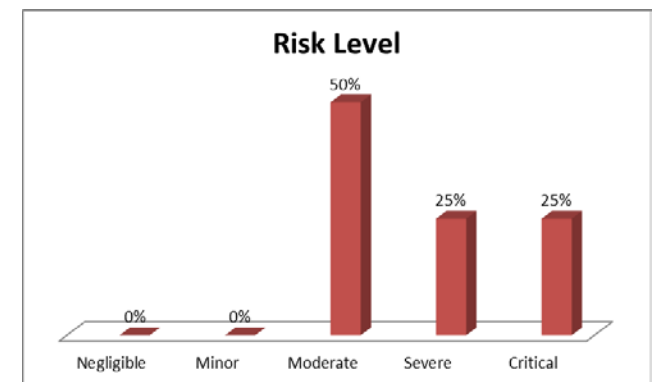
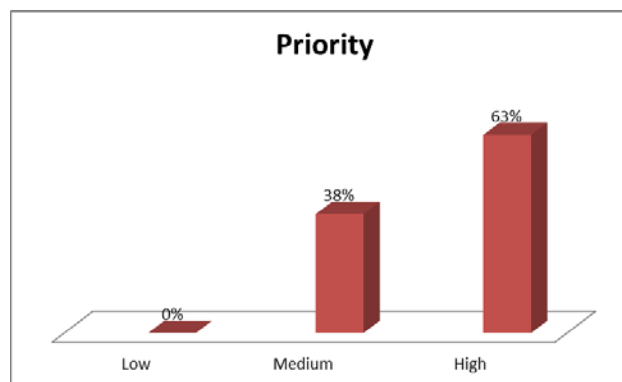
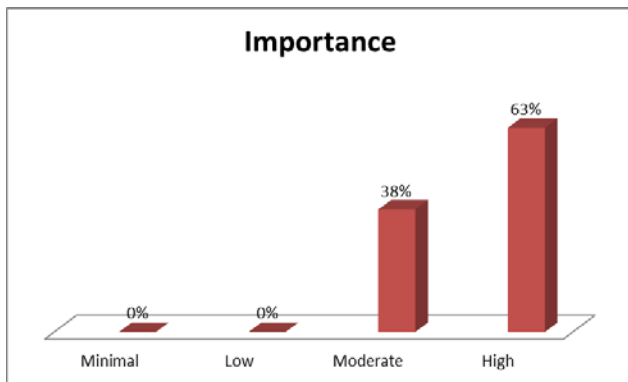
Q.44 Each ESH area is clear of grass, foliage, shrubbery, gorse and heather.

Importance (I)	Q.44	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	25%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	25%
High	High	75%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	38%
Severe	Severe	38%
Critical	Critical	25%



Q.45 Grassed areas inside and outside the storage depot are sufficiently mown and all grass cuttings are removed.

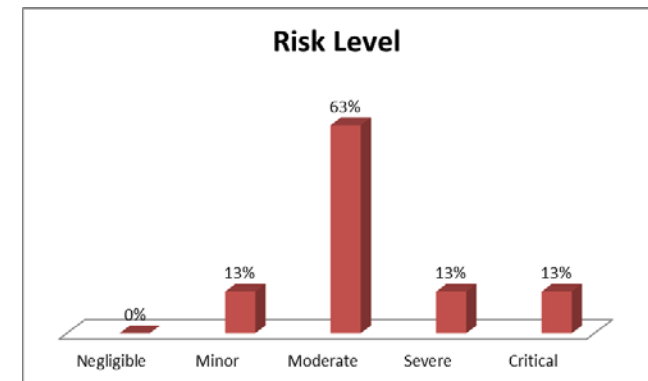
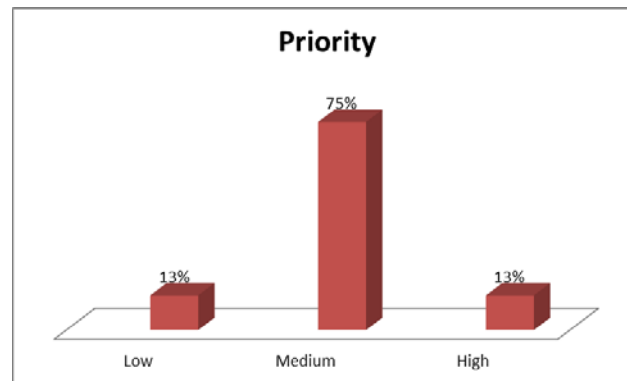
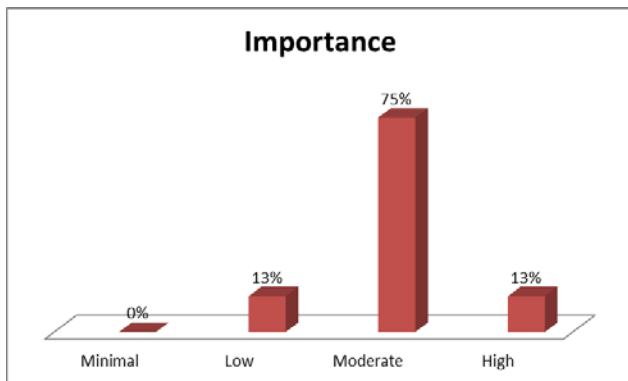
Importance (I)		Q.45	
Minimal	Minimal	0%	
Low	Low	0%	
Moderate	Moderate	38%	
High	High	63%	
Priority (P)			
Low	Low	0%	
Medium	Medium	38%	
High	High	63%	
Risk Level (R)			
Negligible	Negligible	0%	
Minor	Minor	0%	
Moderate	Moderate	50%	
Severe	Severe	25%	
Critical	Critical	25%	



Q.46 The grass is cut at least bi-monthly.

**EXPERT INPUT**  
 One expert highlighted that bi-monthly mowing of grass was most likely specific to Northern Hemispheric climates. In other climates around the world, grass does not grow nearly as quickly nor in such quantities as to merit a bi-monthly mowing schedule. This expert emphasized the importance of initial safety assessments being relevant to the setting in which the assessment is taking place.

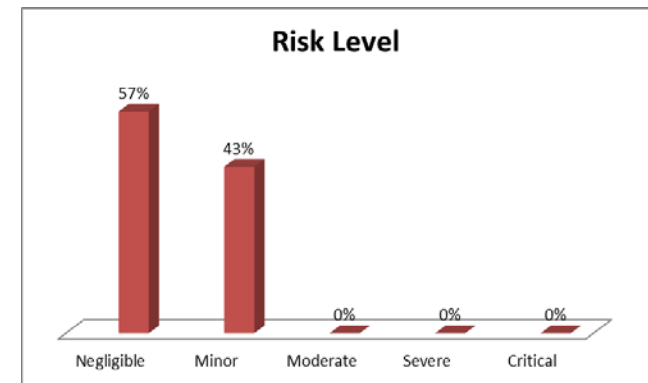
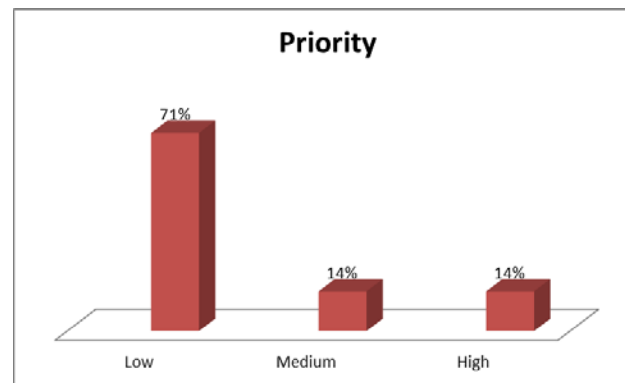
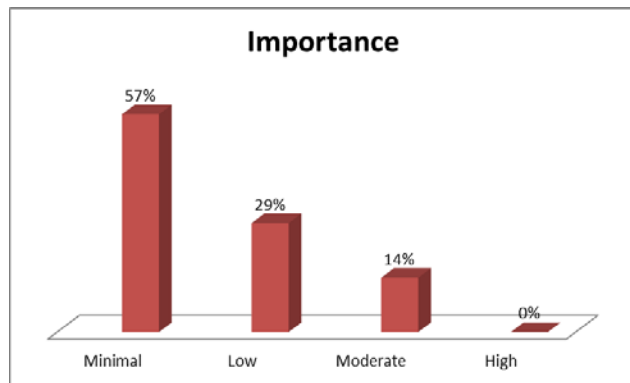
Importance (I)	Q.46	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	75%
High	High	13%
Priority (P)		
Low	Low	13%
Medium	Medium	75%
High	High	13%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	63%
Severe	Severe	13%
Critical	Critical	13%



Q.47 Trees are inside the storage depot to serve as camouflage.

**EXPERT INPUT**  
 Experts were divided on this item. Some believed that it is important to protect storage depots with trees whereas others felt that depots should be free of trees. This is contingent on the setting.

Importance (I)	Q.47	
Minimal	Minimal	57%
Low	Low	29%
Moderate	Moderate	14%
High	High	0%
Priority (P)		
Low	Low	71%
Medium	Medium	14%
High	High	14%
Risk Level (R)		
Negligible	Negligible	57%
Minor	Minor	43%
Moderate	Moderate	0%
Severe	Severe	0%
Critical	Critical	0%



## 8. Safety: Operations

In the Safety – Operations area, the survey included eleven items:

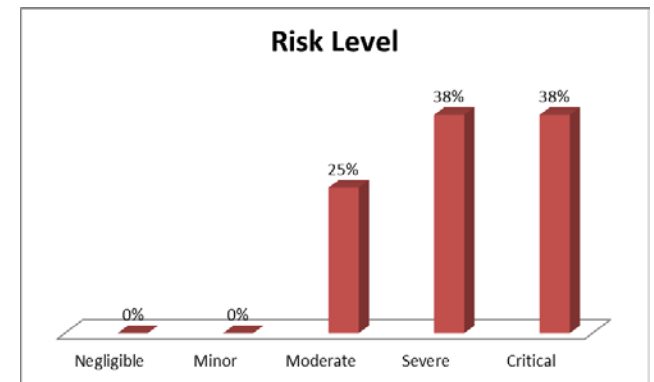
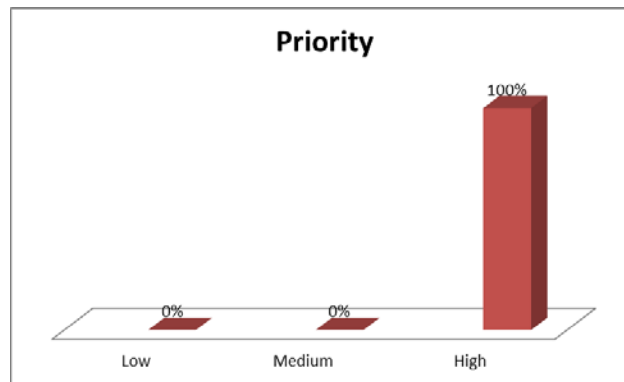
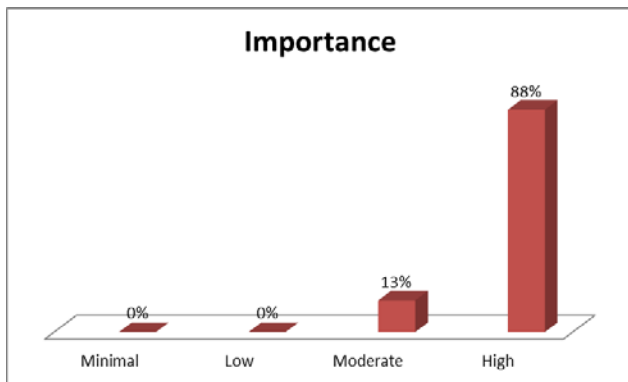
- Q.48 A system exists and is operational to ensure the Exclusion of Prohibited Articles from the Explosive Area.
- Q.49 A contraband notice at the entry to the Explosive Area exists.
- Q.50 A contraband box at the entry to the Explosive Area exists.
- Q.51 Procedures are in place to ensure that contraband is left in a contraband box upon entry to the Explosives Area.
- Q.52 A designated smoking area exists.
- Q.53 The designated smoking area is clearly signed and ashtrays are available.
- Q.54 'Actions on event of fire' posters or instructions are posted around the storage depot.
- Q.55 Mechanisms are in place for reporting accidents and incidents.
- Q.56 Man Limits are clearly established, documented and displayed for all buildings that store or process ammunition and explosives.
- Q.57 Accident Procedures are clearly established, documented and displayed in all buildings that store or process ammunition and explosives.
- Q.58 Appropriate PPE is available to all staff working in explosive facilities.

In this area, there was substantial variation between many items' Importance, Priority and associated Risk Level ratings.

However, general common understanding regarding the High Importance and High Priority of the following items can be observed: that a system exists and is operational to ensure the Exclusion of Prohibited Articles from the Explosive Area (Q.48), that a contraband notice at the entry to an Explosive Area exists (Q.50), that procedures ensuring that contraband is left behind upon entry to the Explosives Area is in place (Q.51), that a designated smoke area exists (Q.52) and that this area is clearly signed with available ashtrays (Q.53). Across all these items was variation in associated Risk Level.

Q.48 A system exists and is operational to ensure the Exclusion of Prohibited Articles from the Explosive Area.

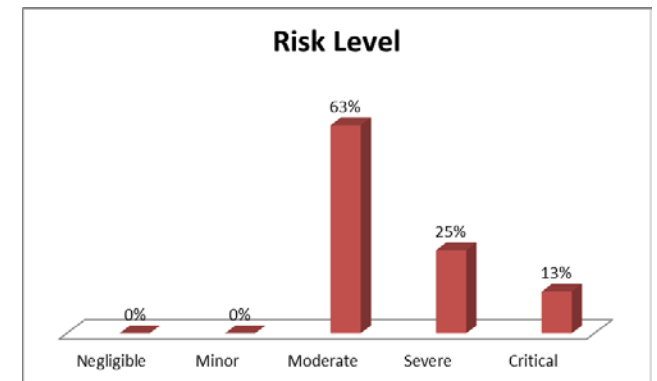
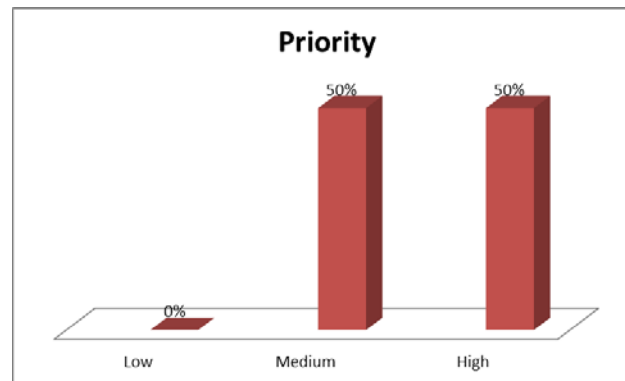
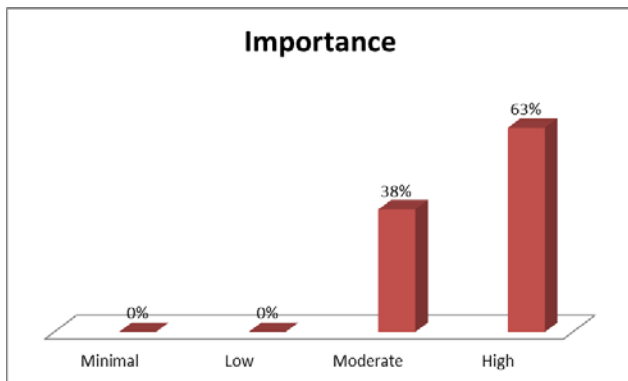
Importance (I)	Q.48	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	13%
High	High	88%
Priority (P)		
Low	Low	0%
Medium	Medium	0%
High	High	100%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	38%
Critical	Critical	38%





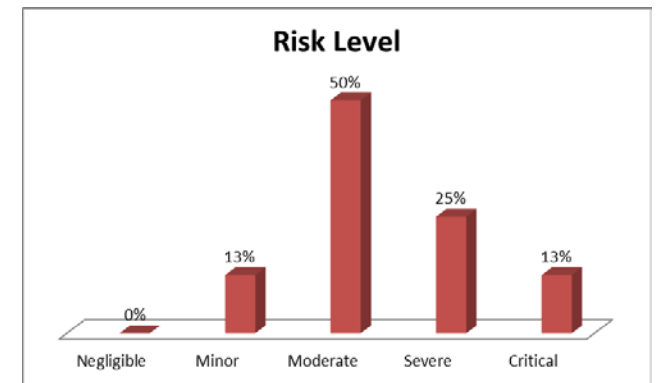
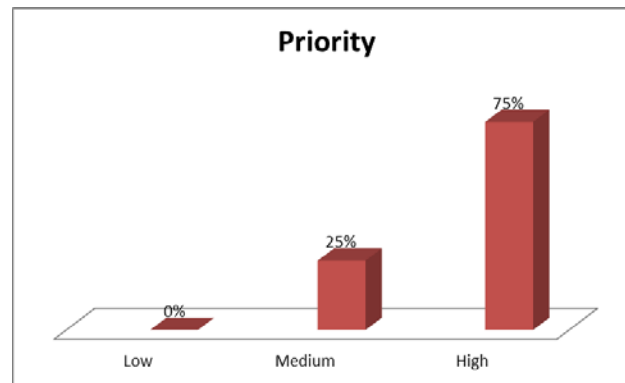
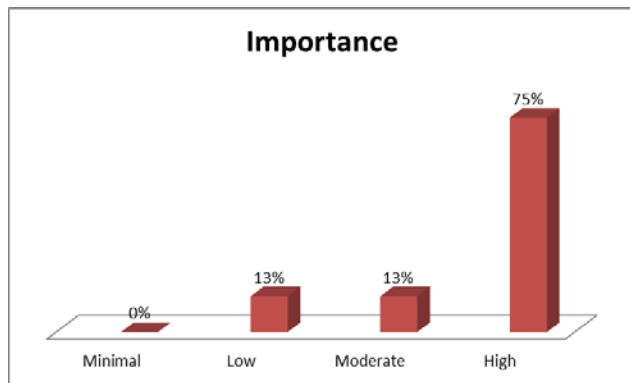
Q.49 A contraband notice at the entry to the Explosive Area exists.

Importance (I)	Q.49	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	13%



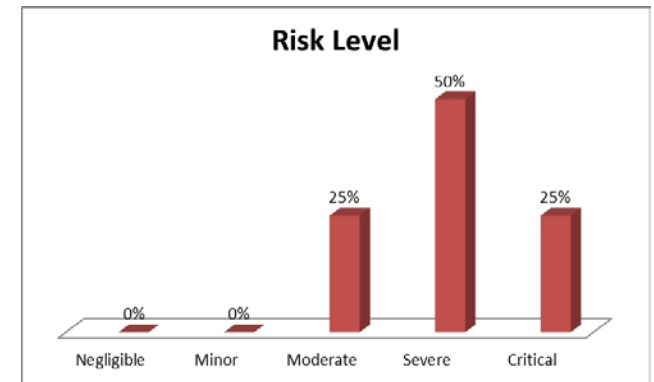
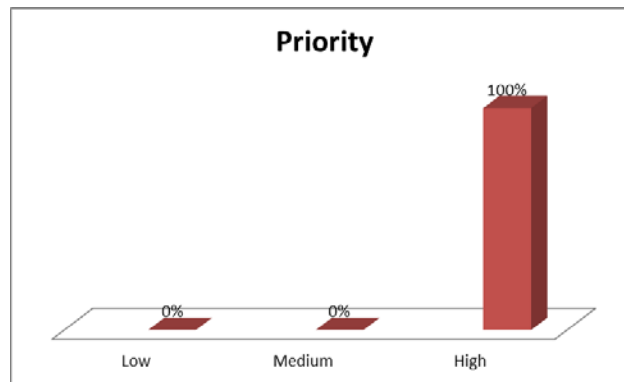
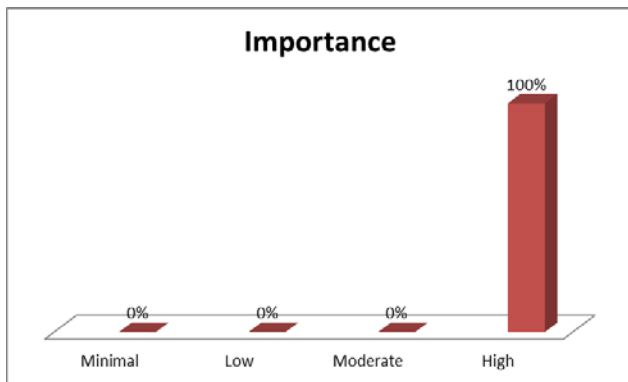
Q.50 A contraband box at the entry to the Explosive Area exists.

Importance (I)	Q.50	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	13%
High	High	75%
Priority (P)		
Low	Low	0%
Medium	Medium	25%
High	High	75%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	50%
Severe	Severe	25%
Critical	Critical	13%



Q.51 Procedures are in place to ensure that contraband is left in a contraband box upon entry to the Explosives Area.

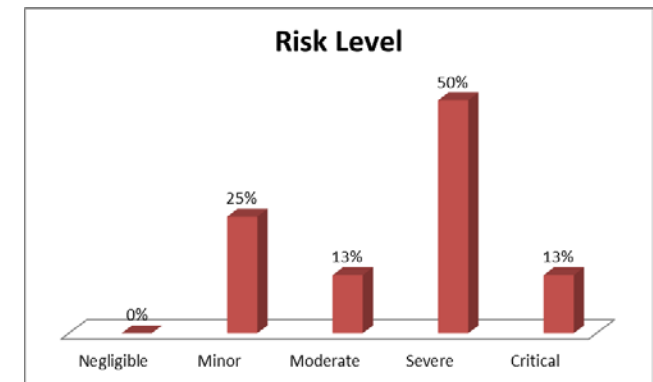
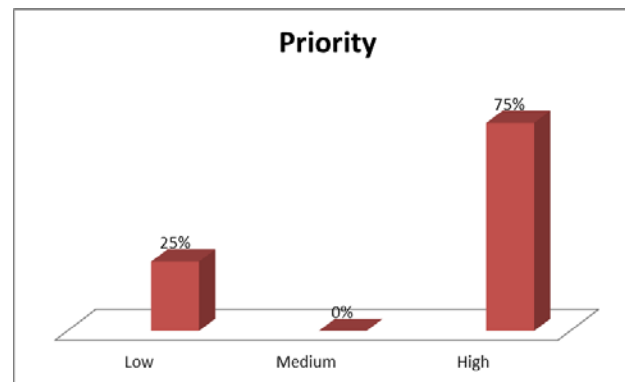
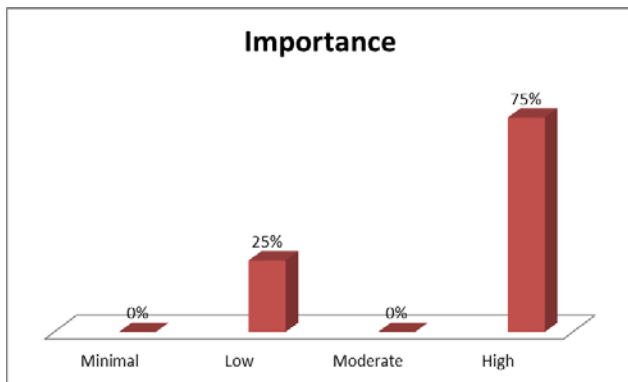
Importance (I)	Q.51	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	0%
High	High	100%
Priority (P)		
Low	Low	0%
Medium	Medium	0%
High	High	100%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	25%
Severe	Severe	50%
Critical	Critical	25%



Q.52 A designated smoking area exists.

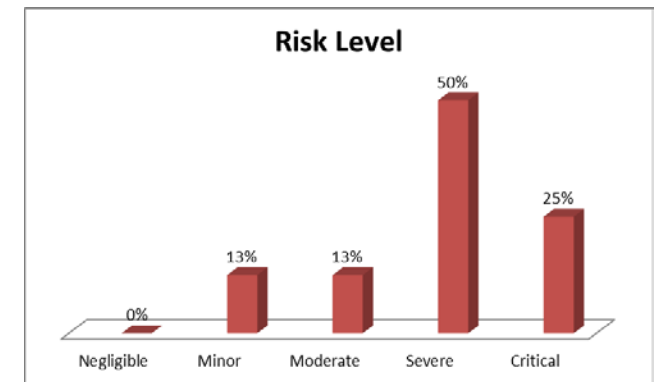
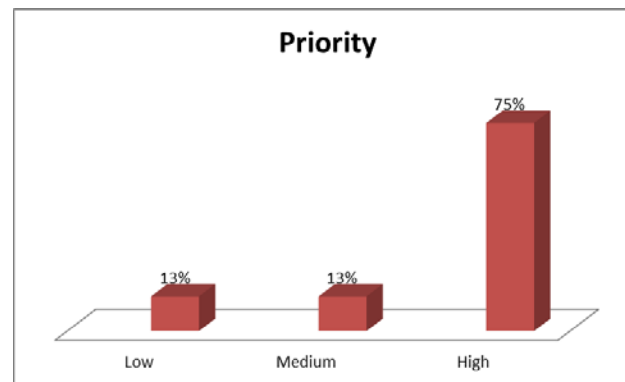
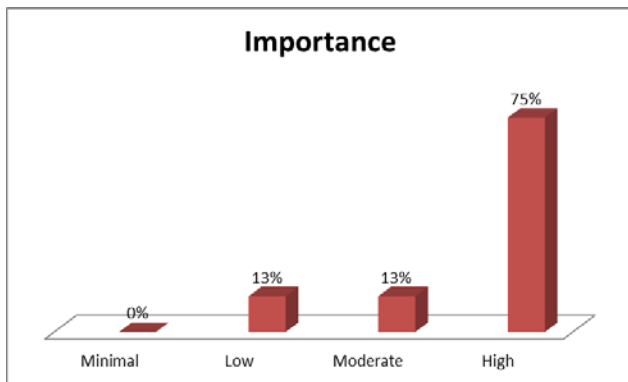
**EXPERT INPUT**  
 Experts emphasized the importance of designating a smoking area because, in their experience, if there is no designated smoking area, people will smoke anywhere and this represents an exponentially larger risk than establishing a clearly demarcated smoking area. However, some international actors and expert NGOs have rules against smoking altogether.

Importance (I)	Q.52	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	0%
High	High	75%
Priority (P)		
Low	Low	25%
Medium	Medium	0%
High	High	75%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	25%
Moderate	Moderate	13%
Severe	Severe	50%
Critical	Critical	13%



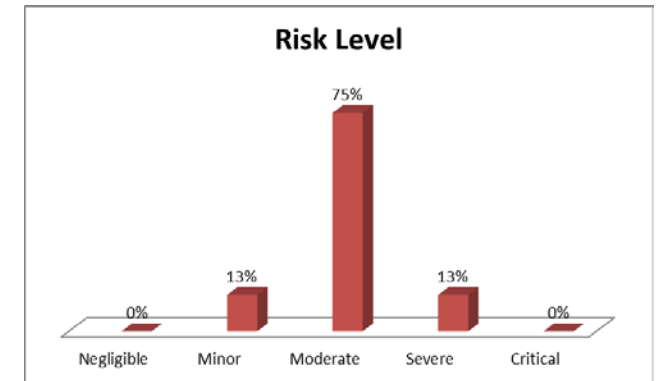
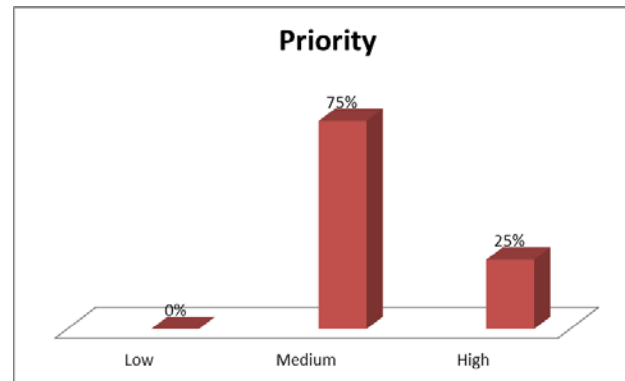
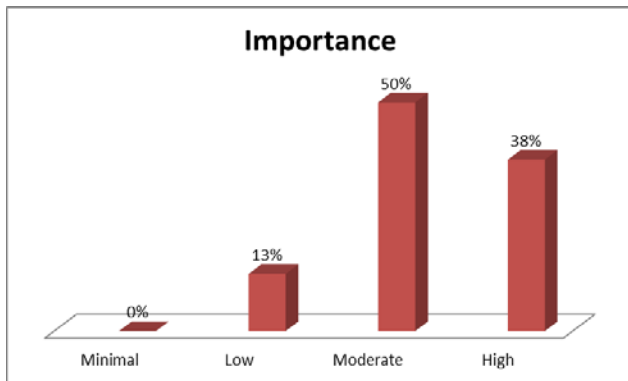
Q.53 The designated smoking area is clearly signed and ashtrays are available.

Importance (I)	Q.53	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	13%
High	High	75%
Priority (P)		
Low	Low	13%
Medium	Medium	13%
High	High	75%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	13%
Severe	Severe	50%
Critical	Critical	25%



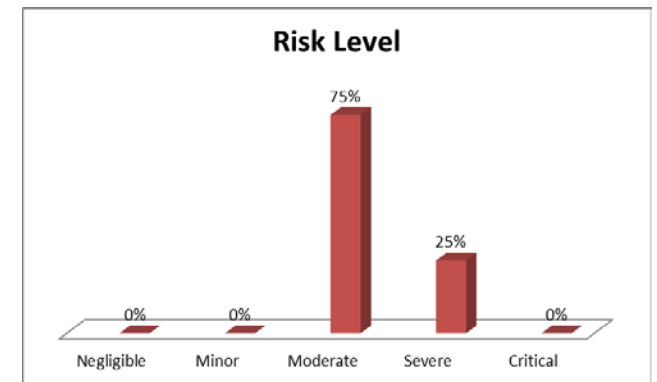
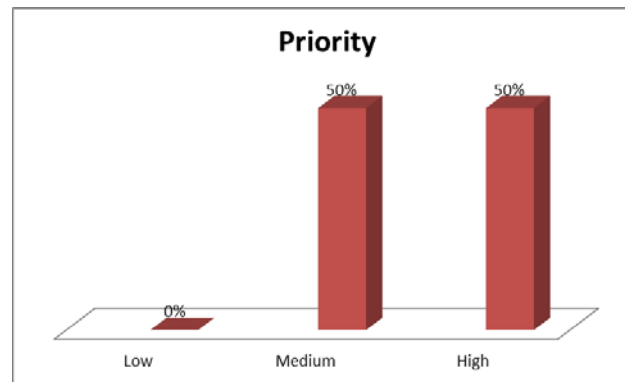
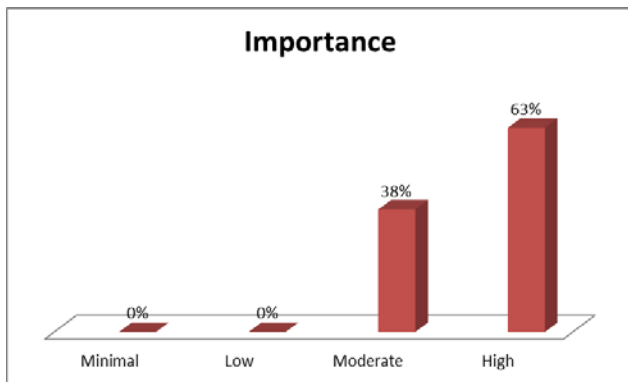
Q.54 'Actions on event of fire' posters or instructions are posted around the storage depot.

Importance (I)	Q.54	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	50%
High	High	38%
Priority (P)		
Low	Low	0%
Medium	Medium	75%
High	High	25%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	75%
Severe	Severe	13%
Critical	Critical	0%



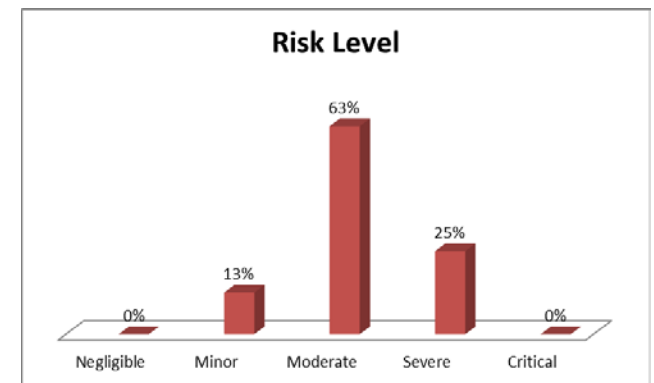
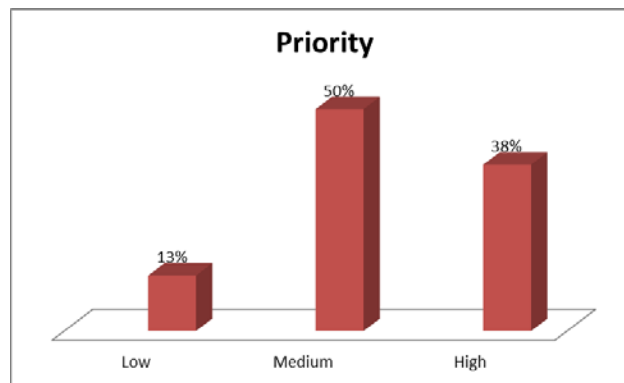
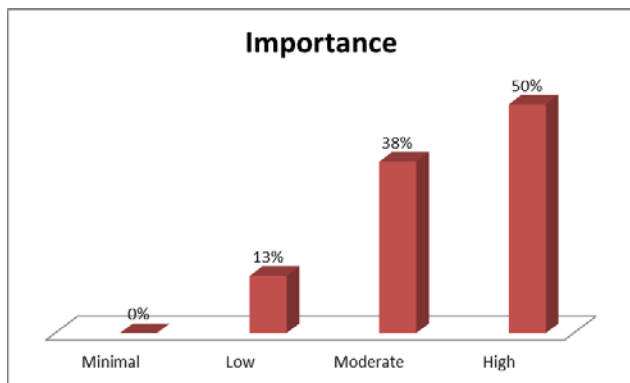
Q.55 Mechanisms are in place for reporting accidents and incidents.

Importance (I)	Q.55	
Minimal	Minimal	0%
Low	Low	0%
Moderate	Moderate	38%
High	High	63%
Priority (P)		
Low	Low	0%
Medium	Medium	50%
High	High	50%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	0%
Moderate	Moderate	75%
Severe	Severe	25%
Critical	Critical	0%



Q.56 Man Limits are clearly established, documented and displayed for all buildings that store or process ammunition and explosives.

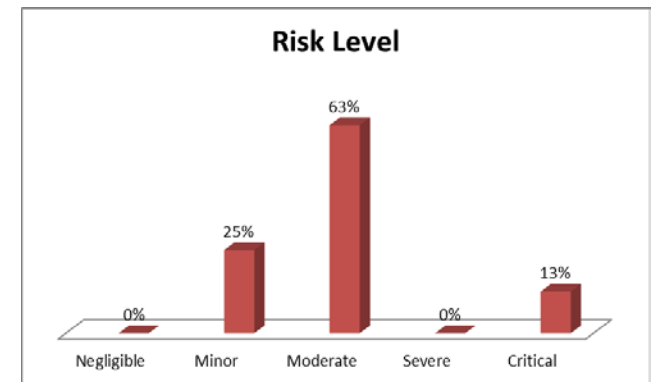
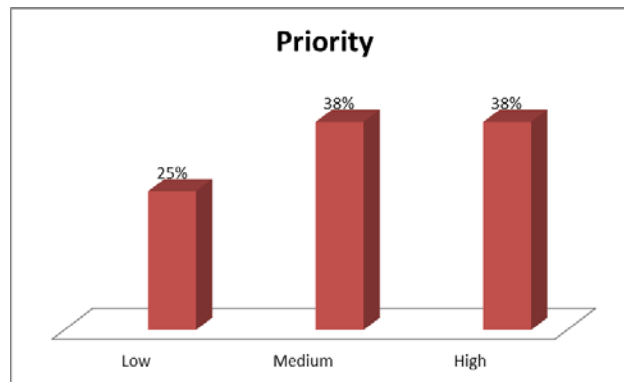
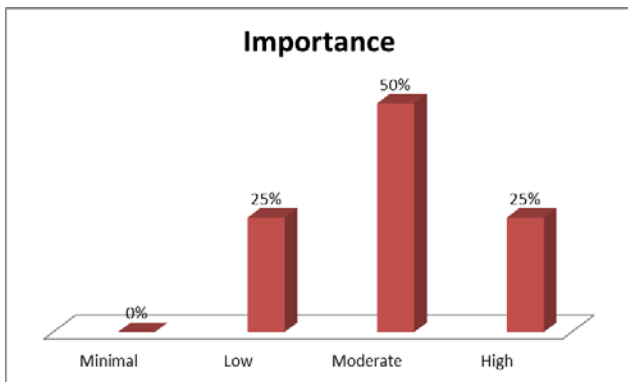
Importance (I)	Q.56	
Minimal	Minimal	0%
Low	Low	13%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	13%
Medium	Medium	50%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	63%
Severe	Severe	25%
Critical	Critical	0%





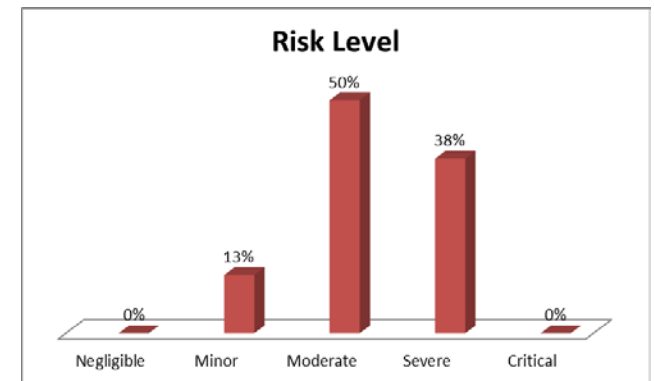
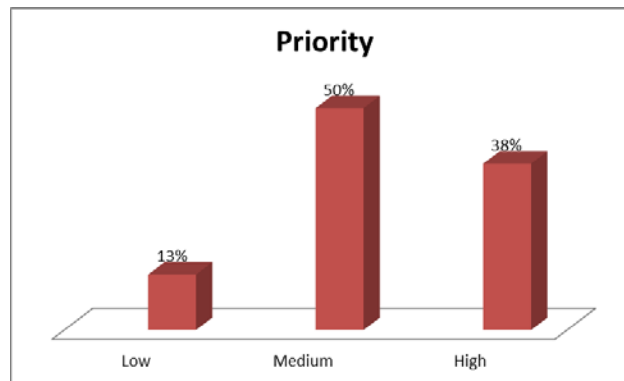
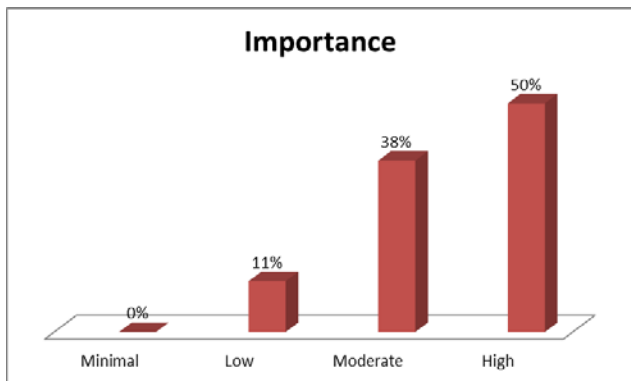
Q.57 Accident Procedures are clearly established, documented and displayed in all buildings that store or process ammunition and explosives.

Importance (I)	Q.57	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	50%
High	High	25%
Priority (P)		
Low	Low	25%
Medium	Medium	38%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	25%
Moderate	Moderate	63%
Severe	Severe	0%
Critical	Critical	13%



Q.58 Appropriate PPE is available to all staff working in explosive facilities.

Importance (I)	Q.58	
Minimal	Minimal	0%
Low	Low	11%
Moderate	Moderate	38%
High	High	50%
Priority (P)		
Low	Low	13%
Medium	Medium	50%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	13%
Moderate	Moderate	50%
Severe	Severe	38%
Critical	Critical	0%



## **9. Safety: Equipment (Lifting)**

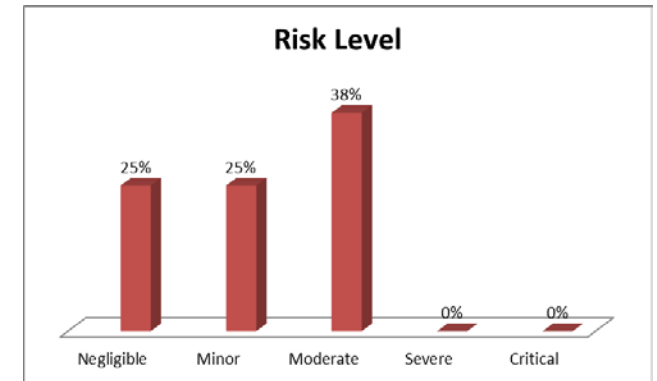
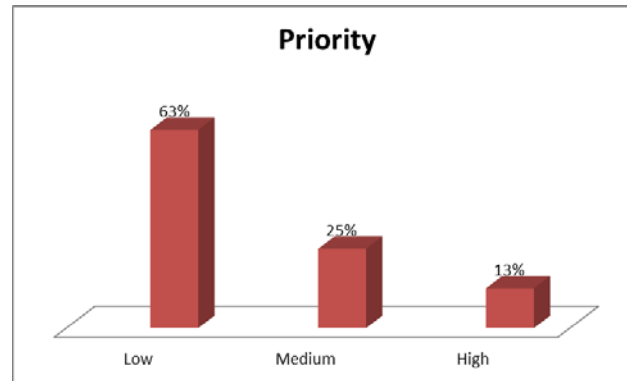
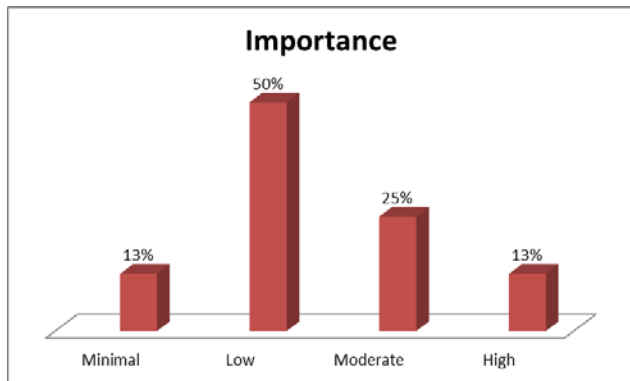
In the Safety – Equipment (Lifting) area, the survey included six items:

- Q.59 Mechanical hoists are present.
- Q.60 Mechanical hoist chains and cables are in good condition and lubricated.
- Q.61 Electrical hoists are present.
- Q.62 Electrical hoist chains and cables are in good condition and lubricated.
- Q.63 The electrical hoists are of a Category C equivalent standard.
- Q.64 The hoists have had a mechanical/electrical inspection within the last twelve months which is recorded.

In this area, substantial variation is observed in nearly all items' Importance, Priority and Risk Level ratings. Notably, few of the items were rated as items of High Importance or High Priority. No items in this area had Critical associated Risk Levels.

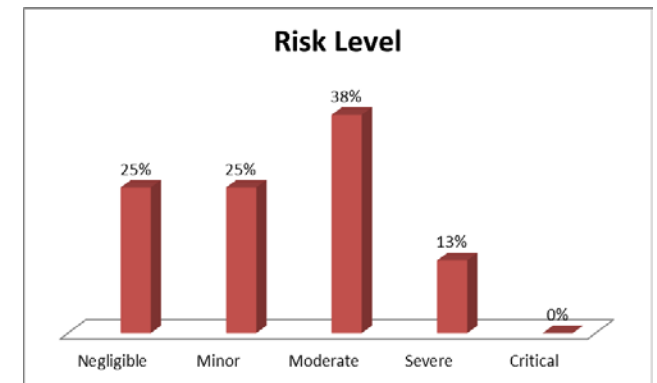
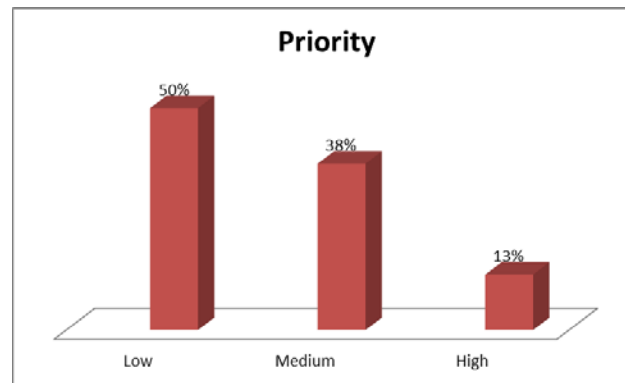
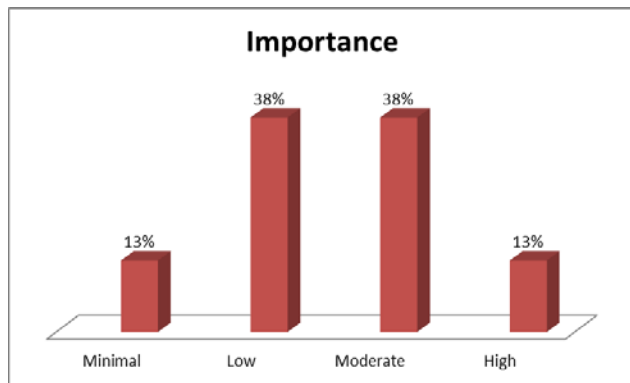
Q.59 Mechanical hoists are present.

Importance (I)	Q.59	
Minimal	Minimal	13%
Low	Low	50%
Moderate	Moderate	25%
High	High	13%
Priority (P)		
Low	Low	63%
Medium	Medium	25%
High	High	13%
Risk Level (R)		
Negligible	Negligible	25%
Minor	Minor	25%
Moderate	Moderate	38%
Severe	Severe	0%
Critical	Critical	0%



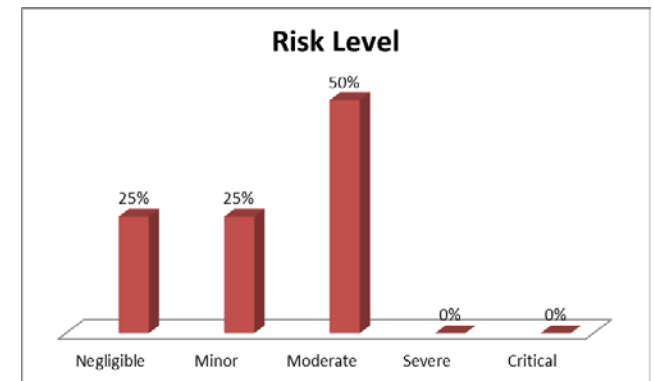
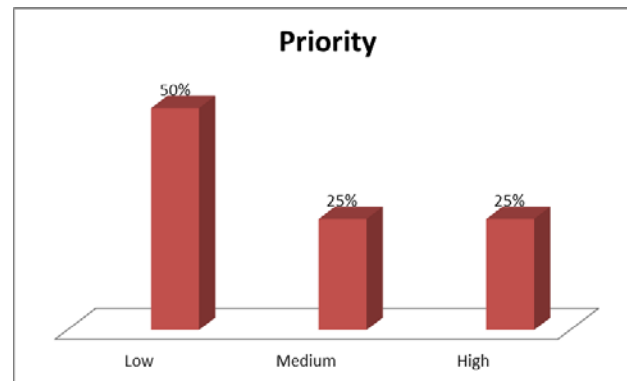
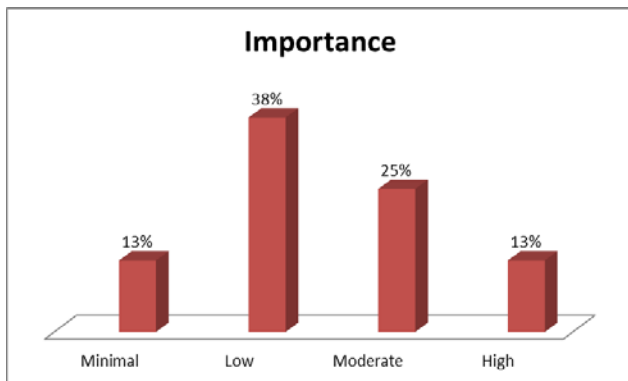
Q.60 Mechanical hoist chains and cables are in good condition and lubricated.

Importance (I)	Q.60	
Minimal	Minimal	13%
Low	Low	38%
Moderate	Moderate	38%
High	High	13%
Priority (P)		
Low	Low	50%
Medium	Medium	38%
High	High	13%
Risk Level (R)		
Negligible	Negligible	25%
Minor	Minor	25%
Moderate	Moderate	38%
Severe	Severe	13%
Critical	Critical	0%



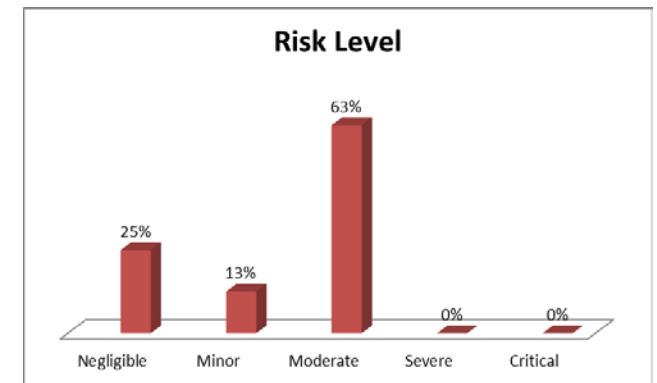
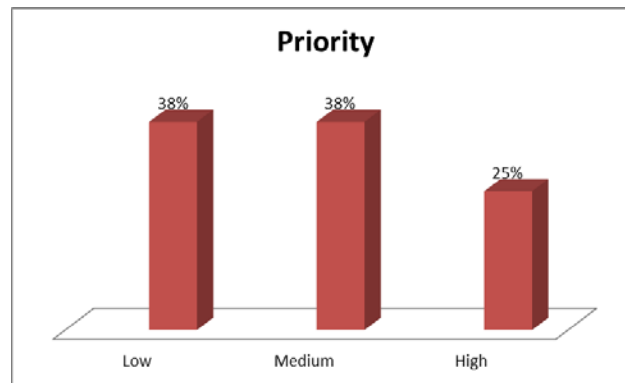
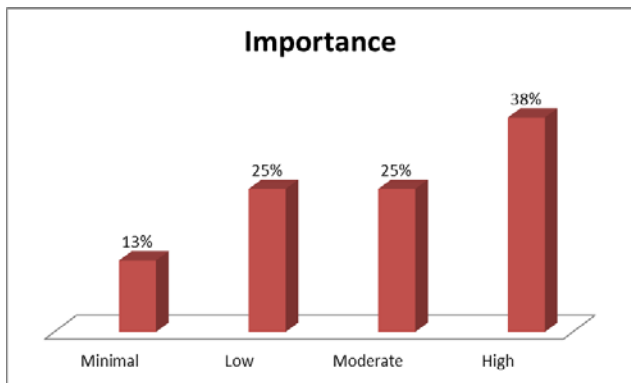
Q.61 Electrical hoists are present.

Importance (I)	Q.61	
Minimal	Minimal	13%
Low	Low	38%
Moderate	Moderate	25%
High	High	13%
Priority (P)		
Low	Low	50%
Medium	Medium	25%
High	High	25%
Risk Level (R)		
Negligible	Negligible	25%
Minor	Minor	25%
Moderate	Moderate	50%
Severe	Severe	0%
Critical	Critical	0%



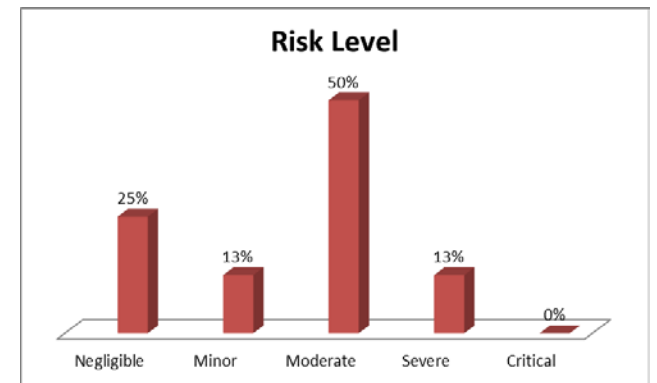
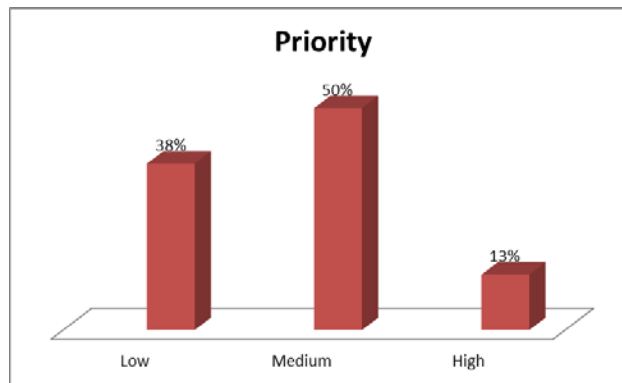
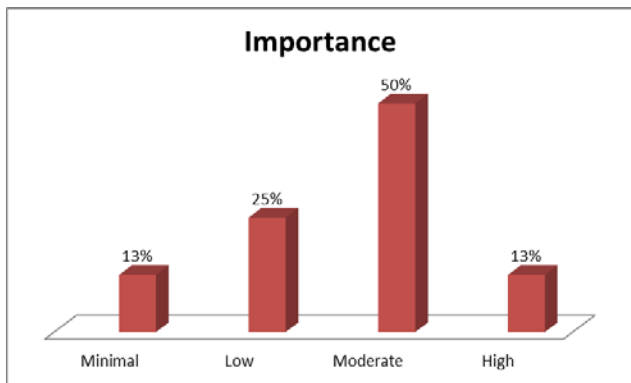
Q.62 Electrical hoist chains and cables are in good condition and lubricated.

Importance (I)	Q.62	
Minimal	Minimal	13%
Low	Low	25%
Moderate	Moderate	25%
High	High	38%
Priority (P)		
Low	Low	38%
Medium	Medium	38%
High	High	25%
Risk Level (R)		
Negligible	Negligible	25%
Minor	Minor	13%
Moderate	Moderate	63%
Severe	Severe	0%
Critical	Critical	0%



Q.63 The electrical hoists are of a Category C equivalent standard.

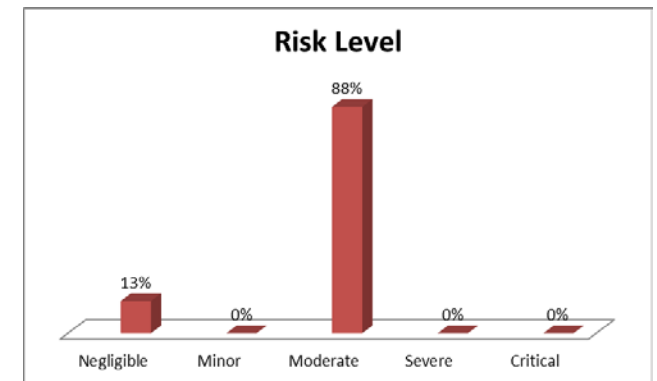
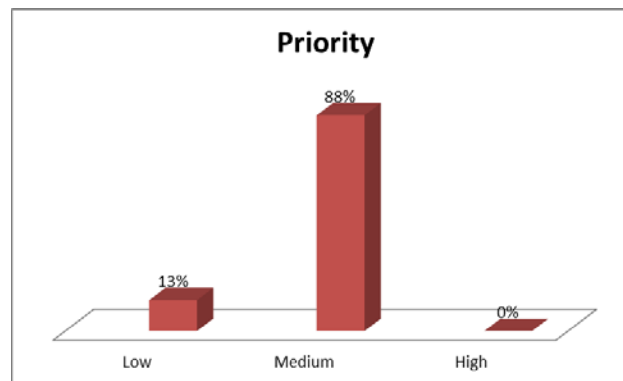
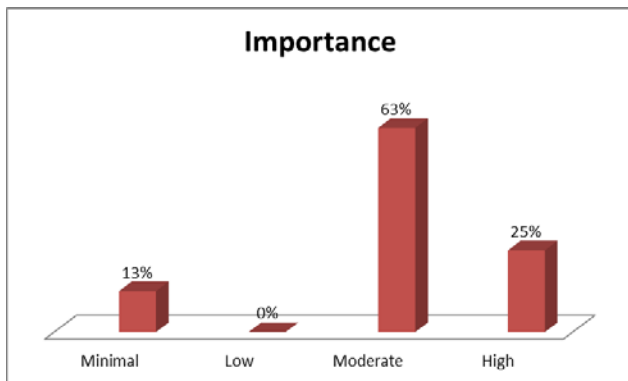
Importance (I)	Q.63	
Minimal	Minimal	13%
Low	Low	25%
Moderate	Moderate	50%
High	High	13%
Priority (P)		
Low	Low	38%
Medium	Medium	50%
High	High	13%
Risk Level (R)		
Negligible	Negligible	25%
Minor	Minor	13%
Moderate	Moderate	50%
Severe	Severe	13%
Critical	Critical	0%





Q.64 The hoists have had a mechanical/electrical inspection within the last twelve months which is recorded.

Importance (I)	Q.64	
Minimal	Minimal	13%
Low	Low	0%
Moderate	Moderate	63%
High	High	25%
Priority (P)		
Low	Low	13%
Medium	Medium	88%
High	High	0%
Risk Level (R)		
Negligible	Negligible	13%
Minor	Minor	0%
Moderate	Moderate	88%
Severe	Severe	0%
Critical	Critical	0%



### 10. Safety: Equipment (Conducting and Anti-Static Floors)

In Safety – Equipment (Conducting and Anti-Static Floors) areas, the survey included one item:

- Q.65 A cleaning plan is in place and is used.

This area, which included only one item, showed substantial variation in Importance, Priority and associated Risk Level. No common understanding can be extracted from this area.

Importance (I)	Q.65	
Minimal	Minimal	0%
Low	Low	25%
Moderate	Moderate	25%
High	High	50%
Priority (P)		
Low	Low	25%
Medium	Medium	38%
High	High	38%
Risk Level (R)		
Negligible	Negligible	0%
Minor	Minor	38%
Moderate	Moderate	25%
Severe	Severe	25%
Critical	Critical	13%

