



# **RULES ON INSPECTING STORAGE & TRANSPORT SITES & PORT AREAS WITH AN & AN BASED FERTILIZERS & CHALLENGES IN THEIR IMPLEMENTATION**

**UN/OECD Seminar in follow-up to  
the 2020 Beirut port explosion  
14 December 2021**

**ON A JOURNEY TO A SAFER SOUTH AFRICA**

Creating a safe and secure, crime free environment, that is conducive for  
social and economic stability, supporting a better life for all.

**#PatrioticandSelflessService**

# SOUTH AFRICAN RESPONSE TO THE BEIRUT INCIDENT



## Government & Industry Partnership

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**Explosives Section**



**employment & labour**  
Department: Employment and Labour  
REPUBLIC OF SOUTH AFRICA



**FIRE PROTECTION ASSOCIATION OF SOUTHERN AFRICA**



**mineral resources & energy**  
Department: Mineral Resources and Energy  
REPUBLIC OF SOUTH AFRICA



**5 Training & Awareness**

**5 x Expert Work Groups (EWGs)**

**2 Legal**



**agriculture, land reform & rural development**  
Department: Agriculture, Land Reform and Rural Development  
REPUBLIC OF SOUTH AFRICA



**transport**  
Department: Transport  
REPUBLIC OF SOUTH AFRICA



**4 Risk Assessment**

**3 Monitoring & Enforcement**



**Road Traffic Management Corporation**



**SAMSA**  
SOUTH AFRICAN MARITIME SAFETY AUTHORITY



**Railway Safety Regulator**



**SOUTH AFRICAN CIVIL AVIATION AUTHORITY**



**FERTASA**  
Fertilizer Association of Southern Africa

# INSPECTION TOOLS



## Legislation



## Commercial Explosives System (CES)(SAPS)



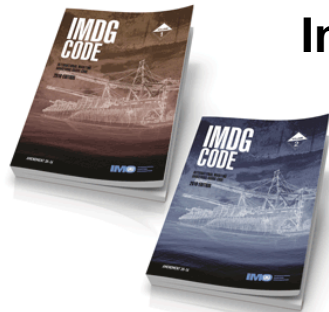
## Permits & Licences



## Inspections

**UN**  
ORANGE BOOK  
RECOMMENDATIONS  
ON THE TRANSPORT  
OF DANGEROUS  
GOODS

## International Instruments



## National Standards

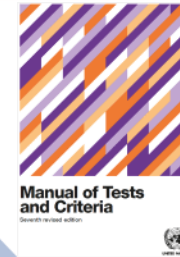


## Interdepartmental Cooperation





# INSPECTION RULES



**UN**  
ORANGE BOOK  
RECOMMENDATIONS  
ON THE TRANSPORT  
OF DANGEROUS  
GOODS





# CHALLENGES

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- Uncoordinated control activities between regulators
- Inadequate legislation
- Insufficient quantity-distance principles for AN
- Outdated rail infrastructure
- Lack of training
- Lack of designated safe and secure temporary storage areas

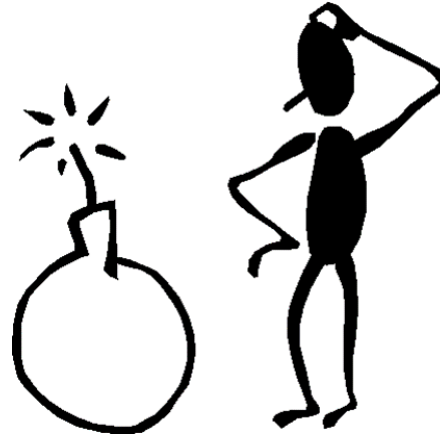
# CURRENT WORK IN PROGRESS



- Enhanced interdepartmental cooperation
- International benchmarking
- Identification of legislative shortcomings
- Amendment of inadequate legislation
- Building on existing government & industry partnerships
- Training & awareness
- Joint site visits, inspections & emergency response exercises



# Thank you



## Any questions?



Col Jurie van Staden  
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