



International Standards on Cluster Munitions Stockpile Destruction and Launch of Guide to Cluster Munitions

Ian Mansfield

**Presented to the
Berlin Conference on the Destruction of Cluster Munitions
25/26 June 2009**



> Convention on Cluster Munitions

- > “... Each State Party undertakes to ensure that destruction methods comply with applicable international standards for protecting public health and the environment.”

Article 3, paragraph 2



> Stockpile Destruction Methods

- > **Dumping**
- > **Open Burning / Detonation**
- > **Closed Burning/Detonation**
- > **Additional Techniques**
 - > Reverse Assembly
 - > Melt Out Techniques
 - > Water Jet Washout
 - > Experimental Conversion Techniques
- > **Explosive harvesting**





> **Standard for CM stockpile destruction?**

- > **International Mine Action Standards (IMAS)**
- > **NATO Standardization Agreements**
- > **OSCE**
- > **Environmental aspects (UNEP and EU)**
- > **National standards**



> International Mine Action Standards

- > **Guidelines**
- > **Safety, quality, efficiency, confidence**
- > **Endorsed by the United Nations (UNMAS)**
- > **Prepared, reviewed and approved by the IMAS Review Board (wide industry representation)**
- > **GICHD manages the process on behalf of UNMAS**



> IMAS Principles



IMAS are guide to plan, manage and implement mine action programmes safely and efficiently





> IMAS Framework and CCM

Series 01-06: General mine action standards and guidelines

Series 07: Management, accreditation and monitoring

Series 08: Risk assessment and survey / Land release

Series 09: Mine and ERW clearance

Series 10: Mine action safety and occupational health

Series 11: Anti-personnel mine stockpile destruction

Series 12: Mine Risk Education

Series 13: Support to Victims

Series 14: Evaluation of mine action programmes



> Standards for CM stockpile destruction

> IMAS Series 11

> Only APM

> NATO STANAGs

> Storage

> Transport

> Qualification for Military Use

> Whole Life Assessment

> OSCE Handbook

> Destruction of Conventional Ammunition



> Environmental Aspects: UNEP

- > **Open ammunition destruction can lead to contamination**
 - > heavy metal
 - > unexploded explosives

- > **Secondary ground contamination**
 - > Transport
 - > Rain / rivers

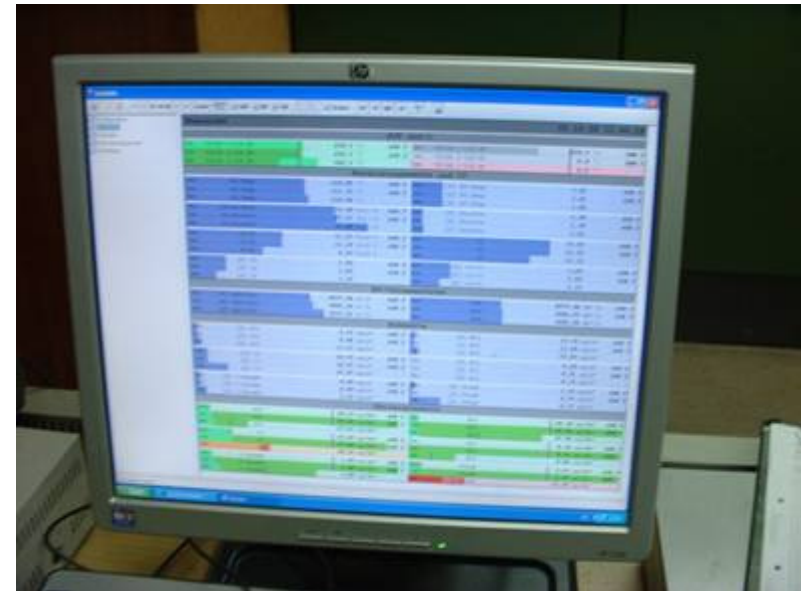
- > **Wide radius of contamination**



> Environmental Regulations

> EC Directive on the incineration of waste (2000/76/EC)

- > Air, soil, surface and ground water pollution
- > Stringent operational conditions and technical requirements
- > Setting emission limit values





> Conclusions

- > **No specific international standards on CM stockpile destruction – work in progress**
- > **Related international, regional and national rules and regulations existing and applicable**
- > **Standards ensure that work is done properly**
- > **Environmental protection important**

000



A Guide



to Cluster Munitions



Second Edition





> Guide to Cluster Munitions

> Chapters

- > 1. What are Cluster Munitions?
- > 2. Convention on Cluster Munitions
- > 3. Cluster Munitions and the CCW
- > 4. Stockpile Destruction
- > 5. Clearance and Disposal of Cluster Munitions
- > 6. Risk Reduction
- > 7. Assisting Victims
- > 8. Information Management



www.gichd.org