



# Pyrotechnics Sector Update

- **News**

- Numerous smaller USG awards over the last four months to industry, no significant awards made during the period.
- Pacific Scientific Energetic Materials Co. (PSEMC) received DOTC funding in Nov. 2010 for scale-up of DBX-1, a green replacement for lead azide.
- Six month aging sample of Chemring Energetic Devices (CED) Lead Azide delayed two months at ARDEC; will now complete at the end of May 2011. Commercial orders for DLA expected to ship in March.

- **Issues / Strategic Challenges**

- Supported NDIA position regarding commercial pyrotechnic industry's capabilities to provide production services for 'traditional' GOGO products
- Soft Landing Outlook:
  - USG projected award quantity erosion already impacting the industries forward planning; i.e. less capacity utilization and impact on projected workforce levels



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- **Issues / Strategic Challenges (Con't)**

- Quality of Work Environment (QWE) obtained through:

- 1. Obvious Regulatory Programs; i.e. OSHA General Health & Safety and PSM programs for our industry

- 2. Going Beyond regulatory programs such as:

- 1. Occupational Health & Safety Management Systems such as:

- 1. OSHAS 18001 Certification

- 2. OSHA Voluntary Protection Program (VPP)

- 2. ISO 14001 – Environmental Management System

- 3. Listening through employee participation programs, such as:

- 1. Behavior Based Safety Programs

- 2. Job Safety Analysis

- 3. Employee Suggestion Program

- 4. Weekly Supervisor Safety Meetings

- 5. Sustainability Training