



# Facilities Explosives Safety

Program Manager 256-895-1651

U.S. ARMY CORPS OF ENGINEERS

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## Background

The U.S. Army Engineering and Support Center, Huntsville's Structural Branch of the Directorate of Engineering serves as the Technical Center of Expertise for facilities explosives safety under the Protective Design-Mandatory Center of Expertise (PD-MCX) assigned to the U.S. Army Engineer District, Omaha.

In 1993, Omaha District and Huntsville Center signed a memorandum of agreement (MOA) delineating the responsibilities of both organizations.

This MOA formalized a long-standing informal relationship between the Structural Branch, Civil Structures, Directorate of Engineering and Division and the PD-MCX in Omaha, Nebraska.



Explosions like this one are monitored with the results providing information to improve protective designs.

## Specific responsibilities of Huntsville Center

- Assist in identifying criteria deficiencies related to explosives safety controlled blast resistant facility design
- Review research and development planning documents prepared by the PD-MCX
- Review protective design related project brochures, project booklets, design documents, studies and evaluations prepared by the PD-MCX
- Assist the PD-MCX with training and other technology transfer initiatives
- Provide limited technical assistance on explosives safety issues as a "one-stop" service for the Army
- Be the PD-MCX design review agent for explosives safety related project designs originating within the Corps' major subordinate commands
- Perform explosives safety site plan reviews in accordance with Direct Reporting Unit authority given by Headquarters, USACE Safety and Occupational Health Office
- Design of munitions and ammunition storage, maintenance and operation/production facilities to resist the effects of accidental explosions

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