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PRESS RELEASE

Handbook From ASME Outlines the RAMCAP Plus (SM) Program for Risk Management

NEW YORK, March 23, 2009 – ASME and the ASME Innovative Technologies Institute, LLC (ASME-ITI) have announced a handbook describing the RAMCAP Plus(SM) process for analyzing and managing risks and resilience in critical infrastructure assets and systems.

The book, *All-Hazards Risk and Resilience*, discusses an objective seven-step methodology that personnel at critical infrastructures such as water systems, power and transportation, and other types of facilities can apply to make assets secure and resilient from hazardous events. Resilience is the ability to withstand hazards or bounce back quickly.

Subtitled “Prioritizing Critical Infrastructures Using the RAMCAP Plus(SM) Approach,” the 160-page publication outlines all the important aspects of assets protection and consequence mitigation ranging from planning and assessment to cost-benefits analysis and strategy.

ASME-ITI created the RAMCAP Plus(SM) process to provide a standard terminology and measurement metrics for the risk and resilience analysis and management. The program includes sector-specific guidance documents that enable companies in diverse industries and businesses to carry out both preliminary and in-depth assessments. RAMCAP sector-specific approaches have been prepared for nuclear power generation, nuclear waste transportation and storage, chemical manufacturing, petroleum refining, liquefied natural gas offloading terminals, dams and navigational locks, and water and wastewater systems.

The handbook is applicable to all infrastructures and any industry based on physical assets. The process can also be applied for risk analysis and management at college campuses and other “soft-target” types of environments.

Hazards include man-made, natural and supply chain disruptions for standard application, leading to results that can be directly compared among assets in a given facility or across facilities, even in different industries. This allows decision-makers to rank and select among options for enhancing security and resilience.

All-Hazards Risk and Resilience - Prioritizing Critical Infrastructures Using the RAMCAP Plus(SM) Approach is for public and private sector owners and operators of infrastructure assets. The book (Order No.: 802878) is available from the ASME, (800) 843-2763 or http://catalog.asme.org/books/PrintBook/ITIRAMC_AllHazards_Risk.cfm. The list price is \$75 and the discount for ASME members is \$60.

ASME Innovative Technologies Institute, LLC (ASME-ITI), is dedicated to advancing the quality and range of risk and resilience management. It provides research, development, demonstration, analysis, and advice on this subject matter to government at all levels, business and industry, and educational and non-profit organizations. ASME-ITI is a wholly owned, not-for-profit subsidiary of ASME. Further information on the RAMCAP PlusSM process and related products and activities can be found on <http://www.asme-iti.org/>.

Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization promoting the art, science and practice of mechanical and multidisciplinary engineering and allied sciences. ASME develops codes and standards that enhance public safety, and provides lifelong learning and technical exchange opportunities benefiting the global engineering and technology community.