

Hitachi Zosen Corporation (Hitz) is one of the world's top manufacturers, providing advanced fabrication technologies for high-quality products. Hitz has supported the nuclear industry for decades, delivering a wide variety of products, including spent fuel and waste storage/transportation casks and canisters, and spent fuel transportation equipment, as well as radioactive waste processing equipment and nuclear power plant components.

### HITZ KEY FACTS:

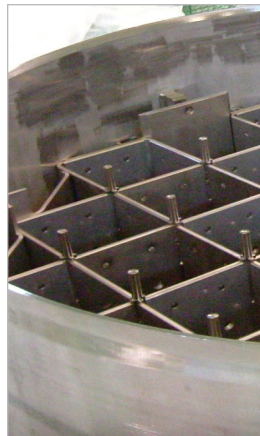
- Manufactured and delivered over 800 units of casks/canisters for nuclear industry use.
- Now developing more efficient dual-purpose spent fuel cask with increased capacity.
- Over 100 years of history as a high-quality manufacturer.

### A HIGH-QUALITY NUCLEAR FABRICATOR

Hitz designed and fabricated Japan's first domestic transport cask for spent nuclear fuel (HZ-75T), and was awarded a design certificate in 1978. Since then, the company has manufactured and delivered more than 800 casks/canisters to the nuclear industry.

The company has provided a wide variety of products, including spent fuel transportation casks and storage casks for domestic and overseas markets. Hitz is now developing a more efficient dual-purpose (storage/transportation) spent fuel cask with increased capacity.

Ariake Works, Hitz's largest and most advanced fabrication facility, offers a wide range of capabilities, including lead casting, gamma ray shielding testing, precision welding, and other technologies to meet client and regulatory requirements.



### LONG HISTORY OF QUALITY

Founded in 1881 in Japan, Hitachi Zosen combines its engineering and manufacturing strengths to provide high value-added, comprehensive solutions to enhance the global environment, rigorously implementing compliance with quality standards.

Hitz maintains the highest-level quality programs for fabricating products for the nuclear industry, including: ISO9001, ISO14001, ASME N (currently being renewed), OHSAS18001, and ASME U/U2.

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# RELIABILITY ASSURED

NAC International Inc. (NAC) has been a trusted partner for fuel cycle management solutions and consulting for over 50 years. NAC, a subsidiary of Hitachi Zosen Corporation, now serves more than 200 customers, including the world's leading nuclear organizations, and supports a host of diverse projects around the globe.

## STORAGE ASSURED

NAC has developed and deployed three leading transportable storage cask systems for commercial spent nuclear fuel and supplies transportable storage technology to nuclear sites.

- **MAGNASTOR®**: a proven, dual-purpose spent fuel system and the first ultra-high capacity storage system of its kind deployed. Other NAC dual-purpose designs include the UMS and MPC systems.
- Decades of decommissioning experience, including work at six U.S. nuclear plant sites.
- Designed, licensed and fabricated more than 500 transportable spent fuel storage systems.
- Key member of Interim Storage Partners, Inc., developing a Consolidated Interim Storage facility for used nuclear fuel in Andrews, TX.

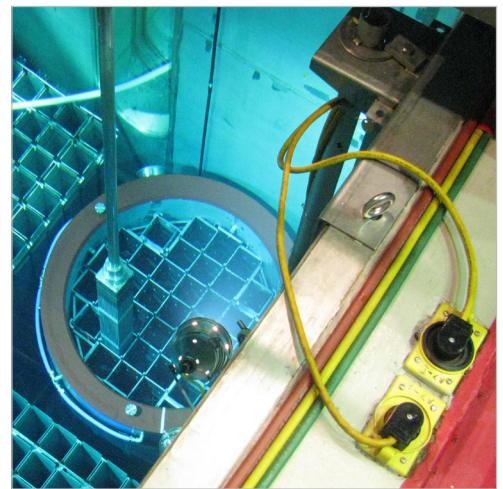
## TRANSPORTATION ASSURED

NAC offers end-to-end solutions for nuclear material packaging and transportation. Our proven team of cask operators and field engineers relocate and manage nuclear materials worldwide.

- Successfully transported materials for nuclear utilities, commercial companies, government organizations, and other nuclear organizations around the world.
- 3,700 shipments delivered, covering over 7 million miles.



NAC cask systems incorporate unique design, fabrication, and operations features.



- **OPTIMUS™** cask line offers an adaptable Type-B cask package designed with flexibility and adaptability to cost-effectively ship a wide range of fissile material.

## INSIGHTS ASSURED

NAC provides the most prestigious nuclear organizations with expert consulting and training services for all aspects of the nuclear fuel cycle, from uranium to waste disposal.

- Nuclear material consulting services to support the strategic decisions of companies and government agencies
- Nuclear quality services, including fuel fabrication, performance and inspection expertise

NAC offers specialized software solutions for nuclear material control and accountability (MC&A), drawing on the company's extensive global experience.

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