

Trentec Containment Products

Department of Energy (DOE) Solutions

**CURTISS -
WRIGHT**

Quality - Schedule - Mission



About Curtiss-Wright

QualTech NP, a business unit of Curtiss-Wright, boasts over 30 years of experience supporting nuclear utilities, DOE, DOD, and industrial projects with containment solutions. We specialize in design, fabrication, and engineering for airlocks, hatches, doors, spent fuel pool gates, and more

Our Trentec legacy brand - formerly known as W.J. Wooley Company - is one of the only United States based companies still in the market for nuclear containment applications. Our expertise in the nuclear containment field is recognized around the world. We serve customers across Asia, Europe, and North America, including the U.S. Department of Energy and Department of Defence.

Curtiss-Wright has the capability to deliver quality solutions on time to maintain schedule. We maintain robust quality programs and are regularly audited by NIAC, NUPIC, as well as the National Lab Sites and Tiered Suppliers.

Containment Airlocks and Hatches

Curtiss-Wright can design, engineer, and fabricate airlocks for new applications as well as existing units with parts, retrofits, and field service. Our multi-disciplined in-house engineering staff works closely with NSSS suppliers and Engineer-Procure-Construct companies (EPC's), to bring expertise to the whole product process for Safety-Class, Safety-Significant containment systems.

Our engineering and manufacturing teams specialize in delivering custom-built containment solutions that meet stringent regulatory requirements and evolving safety standards. Each newly constructed system is built to maintain integrity during both standard operations and accident scenarios. They are built with fully qualified components, including seals, O-rings, and gaskets for all nuclear applications

Specialty Doors and Barriers

Critical site equipment and personnel need protection from severe operating and accident environments. Curtiss-Wright designs, fabricates, upgrades, and services specialty doors to provide the required level of protection necessary for the National Lab Sites and Tiered Suppliers. Our capabilities range from the supply of small, routine replacement parts, to design, fabrication and installation of complete door assemblies, large or small.

Replacement Parts

Electro-mechanical upgrades ensure equipment reliability, systematic improvements, leak test performance enhancements, and maintenance reductions on existing containment products. Trentec part replacements also include license extensions, where applicable.

Curtiss-Wright provides O-rings, gaskets, mechanical components, and spare/replacement parts for all OEM specialty doors, fuel transfer pool gates, airlocks, and hatches. Trentec equipment hatches, drywell heads, and spent fuel pool gates require routine seal replacement. All Trentec seals are made from environmentally qualified elastomers.

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Fuel Transfer Gates

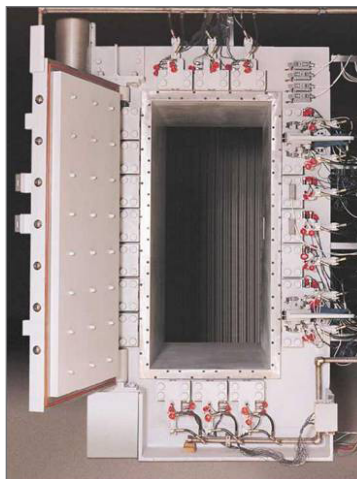
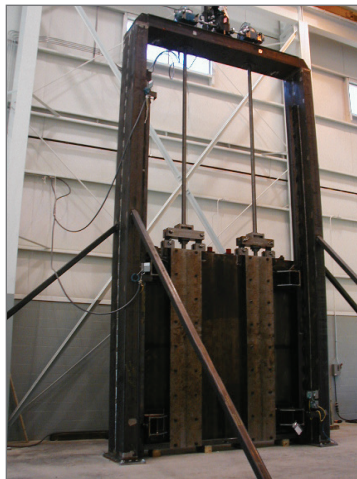
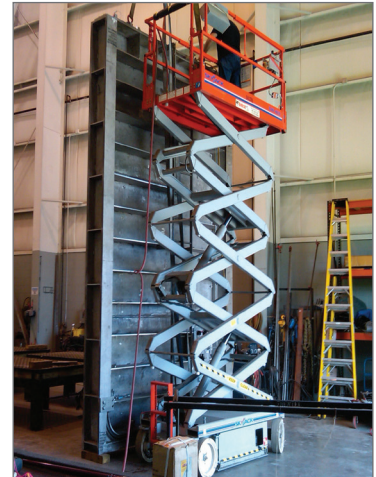
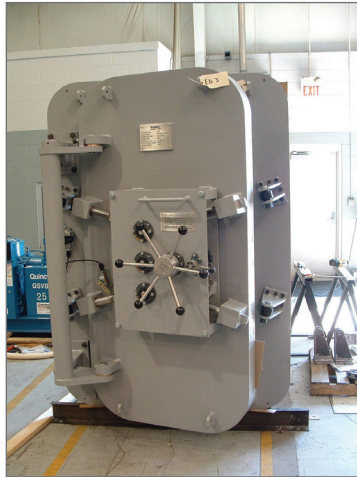
Fuel transfer gates are used for both new construction and as replacements for existing plants. The gate design has been repeatedly proven and successfully used globally at multiple utilities. Equipped with environmentally qualified inflatable seals, these gates are designed to ensure bubble-tight sealing, even on large gates. They can be supplied with single or double seals, or as a two gate assembly with a monitoring chamber in between. Also, these gates can be assembled with a monitoring chamber in between, as lift-out or hinge styles.

Quality Programs

- ASME Section III: N, NPT Certifications
- 10CFR50 Appendix B
- 10CFR21
- ASME and AWS Certified Welding
- NUPIC and NIAC Audited
- National Lab Site Audited
- Audited and Approved by Tiered Suppliers and National Lab Sites

For More Information

Scan the QR code below to visit our website.



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