in safe hands

JL Goslar

EXPERTISE
BORNE OF
EXPERIENCE
OFFERING YOU
EXCELLENCE

ISO Radioactive Waste Container

Engineered in Germany
IN SAFE HANDS

JL Goslar is one of the world’s leading manufacturers of ISO containers for radioactive liquids and solid wastes as well as concentrates, sludge and spent ion exchangers. The containers are certified to ADR/RID for road and rail transport for dangerous goods class 7 with a total weight up to 40 tons. Basing on our long term experience in container manufacturing for hazardous goods transports and storage we are able to deliver customized solutions exactly to the requirements of our customers. We offer ISO and non ISO tank containers for 1 up to 15 m³. Standard sizes are 10’, 20’ and 40’. Our containers are equipped with all necessary loading/unloading systems, safety devices and control cabinets. JL Goslar also delivers containers with reinforced steel structures to bear high loads or larger solid waste components as well as 10’ or 20’ box containers type A to store and transport miscellaneous radioactive waste. We supply all sizes and configurations according to the corresponding international approvals that may be required. They are manufactured according to a production and inspection plan, in close coordination with the user.

SAFETY CONCEPT

The tank containers are designed with a double and triple or sandwich jacket depending on the radioactive inventory being transported in the tank. It can be equipped with an automatic control concept and/or leak detection system. Wherever it is possible the inventory transfer is done by a vacuum to avoid any leakage problem. All valves on the tank are closed during the transport automatically.

LOADING & UNLOADING SYSTEMS FOR LIQUID RADIOACTIVE WASTE

JL Goslar designs and manufactures specific loading and unloading systems especially for radioactive liquids, sludge and resins compatible to the transport tank containers. They are used as interface between the nuclear liquid and sludge storage plants and the transport tank container. Flushing devices for pipes and vessels are included which matches the processes used in transport containers perfectly.

CONTAINER CONFIGURATION

The container configuration and design complies with the individual product requirements and also depends on the transport situation. It includes vacuum pumps, compressors, filtration systems, gauges, control cabinet and the whole safety equipment. The container frame construction is supplemented with additional collection troughs for condensation. Tank-type containers and cladding are coated with decontamination paint. The design of the ISO tank-type container frame allows transport on conventional transport carriages. If required, we can also supply specially adapted transport trailers. Thanks to the walk-on platform of the container and the straightforward control concept, any necessary maintenance work can be completed in an uncomplicated and user friendly way. We can also fit your tanks with stirrers, cooling systems, additional lead shielding or plastic lining, thermal insulation or integrated heating as required - with all the necessary national and international approvals. Our special attention is always focused on the perfect combination between high standards on safety and easy maintenance.