Work Order Hierarchy

Work Order: 7000

Work Order	Description
7000	FUEL STORAGE PROJECT
7100	Design and Procurement - Phase 1
7110	Service building
7111	Modification engineering
7112	Detailed engineering
7113	Modifications procurement
7114	Structural steel procurement
7115	Bid and award construction contract
7130	Hoists and cranes
7131	Hoists and cranes procurement
7132	Fabrication/delivery of 20 ton crane
7133	Fabrication/delivery of 30 ton crane
7134	Fabrication/delivery of 3 ton monorail
7150	Canisters
7151	Technical specifications
7152	Canister drawings
7153	Canister engineering
7154	Design manual
7170	Fuel handling system
7171	Design description/design manual
7172	Design detail drawings
7173	Technical specifications
7174	Static analysis
7175	Dynamic analysis
7176	Pressure analysis
7177	Thermal analysis
7178	Container procurement

Work Order Hierarchy

Work Order: 7000

Work Order	Description
7179	Engineering quotation request prep
7180	Commercial bid package prep
7181	Quotation
7182	Commercial bid evaluation
7183	Engineering bid evaluation
7184	Bid approval
7185	Purchase order placed
7186	Fabrication
7187	Procurement quality assurance
7188	Acceptance
7189	Delivery
7200	Contruction - Phase 2
7210	Service building
7211	Building equipment commissioning
7212	Service building construction
7213	Mechanical and electrical installation
7214	Service building commissioning
7215	Mechanical equipment commissioning
7230	Storage site
7231	Storage site commissioning
7232	HVAC inspection & preparation
7232-10	Check Electrical Subsystems and components
7232-20	Check Motor and Mounts
7232-30	Check Filtration Units
7232-40	Conduct Air Quality Chemical Tests
7232-50	Operate to ensure safety

Work Order Hierarchy

Work Order: 7000

Work Order	Description
7233	Fabrication liners
7234	Crane inspection
7234-30	Check forward/reverse switches.
7234-40	Check braking systems, and emergency brake.
7234-50	Check Electrical Systems
7234-80	Repack wheel bearings. Grease steering chassis.
7234-90	Test-operate and check for safety.
7235	Canister construction/installation
7300	Tool Installation - Phase 3
7310	Chute and trolley system
7311	System engineering
7312	Detail drawings
7313	Operating and maintenance manual
7314	Installation procedures
7315	Design completion
7330	Fuel handling tools
7331	Engineering and layout drawings
7332	Install latches and dowels
7333	Install turntable
7334	Install transfer table
7335	Build out-bay work platform
7336	Install tool rack
7337	Build/install in-bay covers
7338	Install manual grapples
7339	Install pneumatic grapples
7340	Install flask grapples

Work Order Hierarchy

Work Order: 7000

Work Order	Description
7341	Install inspection telescope
7342	Install lay-down drip tray
7343	Install high range gamma meter
7344	Review tools controls drawings
7345	Perform in-bay table seismic analysis