Ingersoll Rand Hoists for Nuclear Weapons

Features and Benefits

Special quick disconnect pendent manifold

Positive sealed motor and gearbox – zero tolerance for leakage for “clean room”

Pendent designed to survive a 150 psi overpressure condition

Custom operation and maintenance manuals, and special documentation

Ecology air preparation package for hoist and trolley

Custom chain container with drain plug

Unpainted bare steel bottom hook

Overload limiter on hoist

Lightning Arrest Modifications

Special customer-defined NDE, sound, and load testing requirements

Long term storage & packaging requirements

Industry Group: Hoist Manufacturers Institute (HMI)

When your job is to assemble, evaluate, and maintain nuclear weapons for the United State Government, it goes without saying that only equipment that meets exacting standards for design, manufacturing, and assembly is allowed in such a critical application environment. Like Ingersoll Rand hoists.

This customer required hoists built to ASME NUM-1-2004, Rules for Construction of Cranes, Monorails, and Hoists, a design standard for hoists and cranes used in nuclear facilities. The hoists are to be used for the assembly and testing of nuclear weapons.

Model: HL2000K-1/04014E

Product Specifications
Capacity: 2,000 pounds (907 kg)
Design Factor: 10:1
Headroom: 22 inches (558.8 mm) maximum
16.2 inches (411.5 mm) minimum
Lifting & Lowering Speed: Not to exceed 10 fpm (3 mpm)
Trolley Travel Speed: Not to exceed 16 fpm (4.9 mpm)

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