



CERTIFICATE of COMPLIANCE

ADB® ELECTROLESS NICKEL PLATED SAFETY ENGINEERED HOIST RINGS

ADB®'S Quality Management System is registered to ISO 9001-2008

The material type C4-4140 used in ADB®'s Electroless Nickel Plated Safety Engineered Hoist Ring components conforms to the chemical requirements of Mil-S-5626, AMS-2301, ASTM A-331, ASTM A-322.

CHEMICAL ANALYSIS

Carbon	.38/.43	Silicon	.20/.35
Manganese	.75/1.0	Chromium	.80/1.10
Phosphorus	.025/Max	Molybdenum	.15/.25
Sulfur	.025/Max		

ADB®'s Electroless Nickel Plated Safety Engineered Hoist Rings are designed with a design factor of five times the rated capacity based in any lifting direction. However, the user is reminded that it should not be used to lift loads that exceed the rated capacity.

If any component of the hoist ring is replaced with a non-ADB® component or components, this certification is void.

ADB® Electroless Nickel Plated Safety Engineered Hoist Rings are designed to exceed the following military standards and ASTM standards:

MIL-STD-1365	General design criteria for handling equipment associated with weapons systems.
MIL-STD-209J	Slinging and tie down provisions for lifting and tying down military equipment.
ASME B30.26	Safety Standards for cableways, cranes, derricks, hoists, hooks, Jacks and slings.

- The surface finish of ADB® Electroless Nickel Plated Safety Engineered Hoist Rings is Black Oxide per MIL-C-13924B.
- ADB® Electroless Nickel Plated Safety Engineered Hoist Rings are magnetic particle inspected prior to plating in accordance with ASTM E 1444.
- ADB® Electroless Nickel Plated Safety Engineered Hoist Rings are heat treated to 36-48 Rc prior to plating per MIL-H-6875.
- Screws and stud assemblies are produced from 180,000 PSI minimum tensile strength material.
- ADB® Electroless Nickel Plated Safety Engineered Hoist Rings are Electroless Nickel plated per AMS-C-26074.

Benjie Bradshaw
Vice President/General Manager

