



# Certificate of Compliance

## **ADB® ELECTROLESS NICKEL HEAVY DUTY® HOIST RINGS** **ADB®'S Quality Management System is registered to ISO 9001-2008**

The material used on our ADB® Electroless Nickel Heavy Duty® Hoist Ring components is AISA-SAE 4140 or equivalent and conforms to AMS-6382.

### **CHEMICAL ANALYSIS**

Carbon	.38/.43	Silicon	.15/.35
Manganese	.60/.85	Chromium	.90/1.20
Phosphorus	.030/Max	Molybdenum	.15/.30
Sulfur	.030/Max		

ADB® Electroless Nickel Heavy Duty® Hoist Rings are designed with a design factor of five times the rated capacity 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 or components of the hoist ring is replaced with a non-ADB® component, this certification is void.

ADB® Electroless Nickel Heavy Duty® Hoist Rings are designed to exceed the following military specifications and ASME 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.

- ADB® Electroless Nickel Heavy Duty® Hoist Rings are magnetic particle inspected prior to plating in accordance with ASTM E 1444.
- ADB® Electroless Nickel Heavy Duty® Hoist Rings are heat treated prior to plating to 36-48 Rc per MIL-H-6875.
- Screws and stud assemblies are produced from 180,000 PSI minimum tensile strength material and conform to the requirements of ASTM A574-Standard Specification of Alloy Steel Socket Head Cap Screws.



Rev. 0

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- ADB® Electroless Nickel Heavy Duty® Hoist Rings are Electroless Nickel plated per AMS-C-26074.
- ADB® Electroless Nickel Heavy Duty® Hoist Rings are not exposed to any equipment or material known or suspected of having Mercury or Polychlorinated Biphenyls (PCB's).

A handwritten signature in blue ink, appearing to read 'BB'.

Benjie Bradshaw  
Vice President/General Manager