



CERTIFICATE of COMPLIANCE

ADB® SAFETY ENGINEERED HOIST RINGS

ADB®'S QUALITY SYSTEM IS REGISTERED TO ISO 9001-2008.

The material type C4-4140 used in ADB® Safety Engineered Hoist Ring components conform 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® 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 or components of the hoist ring is replaced with a non-ADB® component, this certification is void.

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

MIL-STD-1365	General design criteria for handling equipment associated with weapons systems.
MIL-STD-209C	Slings 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® Safety Engineered Hoist Rings is Black Oxide per MIL-DTL-13924B.
- ADB® Safety Engineered Hoist Rings are not exposed to any equipment or material known or suspected of having Mercury or Polychlorinated Biphenyls (PCB's).
- ADB® Safety Engineered Hoist Rings are magnetic particle inspected in accordance with ASTM E 1444.
- ADB® Safety Engineered Hoist Rings are heat treated to 36-48 Rc per MIL-H-6875.
- Screws and stud assemblies are produced from 180,000 PSI minimum tensile strength material.

Benjie Bradshaw
Vice President/General Manager

