



IRON HORSE SEATING

4000 *Series*

FNEW 83-269 CERTIFIED

In addition to its ANSI-BIFMA accreditation across all models, the IRON HORSE Seating 4000 Series (*exact model components below*) is certified to withstand FNEW 83-269, the performance test method for intensive use chairs. This demanding series of product inspection and certification solidifies IRON HORSE Seating's status as one of the best heavy duty 24/7 chairs available on the market.

The IRON HORSE Seating 4000 Series (*Model Components: Deluxe Comfort Headrest, Black Standard Leather, HD Ergo Armrests, HD Tilt Mechanism, HD Shock, Marquis or Polished Aluminum Base, 60mm Casters*) meets all of the acceptance criteria for the tests shown below.



TEST ACCEPTANCE LEVEL

Cyclic Back and Back Tilt Mechanism Fatigue (5.1)
500,000 Cycles

TEST ACCEPTANCE LEVEL

Cyclic Increasing Back Load (5.2)
Complete 175 Pound-Force (778N) Load Level

TEST ACCEPTANCE LEVEL

Cyclic Vertical Load Test on One Arm (5.4)
Complete 250 Pound Force (1112N) Load Level

TEST ACCEPTANCE LEVEL

Cyclic Side Thrust Load Test on Arms (5.5)
Complete 200 Pound-Force (890N) Load Level

TEST ACCEPTANCE LEVEL

Cyclic Vertical Load Test on Seats, Bases and Casters (5.6)
Complete 1300 Pound (590kg) Load Level

TEST ACCEPTANCE LEVEL

Cyclic Fatigue Test of Swivel Bearings (5.7)
75 Pound-Force Inch (8.5N.m) at 300 Pound (136kg) Load Level

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BRAND



MODEL

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MANUFACTURER

UNITED GROUP
INCORPORATED

IRONHORSESEATING.COM 1.800.223.7003



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TEST ACCEPTANCE LEVEL

Cyclic Pneumatic Height Adjustment Durability (5.8)
125,000 Cycles

TEST ACCEPTANCE LEVEL

Front Stability (5.9)
Minimum 125 Pounds (57kg)

TEST ACCEPTANCE LEVEL

Back Stability (5.10)
Minimum 1450 Pound-Force Inch (164N.m)

TEST ACCEPTANCE LEVEL

Caster and Base Durability (5.11)
36,000 Cycles

TEST ACCEPTANCE LEVEL

Fabric Durability (5.12)
ASTM D 4157 - 30,000 Cycles Without ANY Noticeable Wear

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