

SKOLNIK

INDUSTRIES, LLC

TESTING PERFORMED BY SKOLNIK INDUSTRIES, LLC.

TESTING LAB - AKA: "**SDCC"

4900 South Kilbourn Avenue Chicago, Illinois 60632

ID NUMBER

25-027

TEST NUMBER

113

UN DRUM QUALIFICATION TEST REPORT

- PERIODIC RE-TESTING -

Qualification Testing and Periodic Retesting for steel drums is performed in accordance with applicable sections of the following:
U.N. Recommendations on the Transport of Dangerous Goods, 49 CFR §173.22 and .24, §178.2, §178.600 through §178.606 and .608
in addition to Skolnik Industries, Inc. Procedure SOP - 11.1.

U.N. MARKING:

1A2/X440/S

PART NUMBER:

HM8519

TEST DATE:

April 21, 2025

(Periodic Retesting is required within 12 months from test date)

DRUM DESCRIPTION

DRUM TYPE:

Open Head

MATERIAL:

Carbon Steel

THICKNESS:
(top/body/bottom)

1.0 / 1.0 / 1.0 mm

CAPACITY:

85 Gallon

INSIDE DIAMETER:

26.0"

OVERALL HEIGHT:

39.0"

PACKAGING GROUP:

I Solids

SPECIFIC GRAVITY:

N/A

SOLIDS GROSS WEIGHT:

440 kg

MAXIMUM CAPACITY:

85.5 Gallon

ROLLING HOOPS:

Three

RING:

HP Bolt Ring
RBH2612

NUT/BOLT TYPE:

5/8" - 11 UNC - 2A x 4.00"
BT5840NQA NT5800NQA

CLOSING INSTRUCTIONS:

PQ 080 Rev. F

GASKET:

"D" EPDM
GE8500

CHIME TYPE:

Round Chime

SEAM CONSTRUCTION:

Overlap Weld

FITTINGS:

2" & 3/4" Rieke in Cover
PR2041 PR3041
EPDM Gasket

DRUM TARE WEIGHT:

26 Kg

TESTING

DROP TEST - SOLIDS

49 CFR §178.603

CONTENTS USED:

Sand and Steel Plates

CAPACITY FILLED TO:

95%

SOLID DROP HEIGHT:

1.8 m

RESULTS, TEST 1:

PASS

3 samples dropped on bottom chime

RESULTS, TEST 2:

PASS

3 samples dropped onto ring at 45 degrees

DROP TEST - LIQUIDS

49 CFR §178.603

CONTENTS USED:

N/A

CAPACITY FILLED TO:

N/A

LIQUID DROP HEIGHT:

RESULTS, TEST 1:

N/A

RESULTS, TEST 2:

N/A

STACKING TEST - SOLIDS

49 CFR §178.606

CONTENTS USED:

Sand and Steel Plates

CAPACITY FILLED TO:

95%

TEST WEIGHT:

1995 kg

3 samples maintained for 24 hours

RESULTS:

PASS

STACKING TEST - LIQUIDS

49 CFR §178.606

CONTENTS USED:

N/A

CAPACITY FILLED TO:

N/A

TEST WEIGHT:

N/A

RESULTS:

N/A

LEAKPROOFNESS TEST

49 CFR §178.604

TEST PRESSURE:

34.5 kPa

3 samples held for (5) minutes

RESULTS:

PASS

VIBRATION STANDARD

49 CFR §178.608

The vibration standard criteria as set forth in 49 CFR § 178.608 was successfully reviewed upon design qualification testing for this type of container. Past performance has indicated no failures.

HYDROSTATIC TEST

49 CFR §178.605

TEST PRESSURE:

N/A

RESULTS:

N/A

TEST PERSONNEL

Moises Basilio

Moises Basilio

Inspection and Testing Manager

APPROVAL

Michael McKinley

Michael McKinley

Director of Quality Assurance

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Page 1 of 1