

SKOLNIK

TESTING PERFORMED BY SKOLNIK INDUSTRIES, INC.
TESTING LAB - AKA: "SDCC"
4900 South Kilbourn Avenue Chicago, Illinois 60632

ID NUMBER

22-053

TEST NUMBER

001

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
1A2T/Y320/S

PART NUMBER:

HM8501
PH8501

TEST DATE:

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

June 24, 2022

DRUM DESCRIPTION

DRUM TYPE:

Open Head

MATERIAL:

Carbon Steel

THICKNESS:

(top/body/bottom)

1.5 / 1.5 / 1.5 mm

CAPACITY:

85 Gallon

INSIDE DIAMETER:

26.0"

OVERALL HEIGHT:

39.0"

PACKAGING GROUP:

I Solids
II Solids

SPECIFIC GRAVITY:

N/A

SOLIDS GROSS WEIGHT:

440 kg

MAXIMUM CAPACITY:

85.2 Gallon

ROLLING HOOPS:

Three

RING:

HP Bolt Ring
RBH2612

NUT/BOLT TYPE:

5/8" - 11 UNC - 2A x 4.00"
BT5840 NT5800

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:

36 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:

Water

CAPACITY FILLED TO:

98%

LIQUID DROP HEIGHT:

1.2 m

RESULTS, TEST 1:

PASS
3 samples dropped on bottom chime
Not Equalized After Drop

RESULTS, TEST 2:

PASS
3 samples dropped onto ring at 45 degrees
Not Equalized After Drop

STACKING TEST - SOLIDS

49 CFR §178.606

CONTENTS USED:

Sand and Steel Plates

CAPACITY FILLED TO:

95%

TEST WEIGHT:

2003 kg
3 samples maintained for 24 hours

RESULTS:

PASS

STACKING TEST - LIQUIDS

49 CFR §178.606

CONTENTS USED:

Water

CAPACITY FILLED TO:

98%

TEST WEIGHT:

1470 kg
3 samples maintained for 24 hours

RESULTS:

PASS

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:

100 kPa
3 samples held for (5) minutes

RESULTS:

PASS

TEST PERSONNEL

Miguel Basilio

Miguel Basilio
Inspection and Testing Manager

APPROVAL

Mike McKinley

Mike McKinley
Director of Quality Assurance

Skolnik Industries, Inc.

4900 S. Kilbourn Avenue

Chicago, IL 60632-4593 USA

773.735.0700

Page 1 of 1