

SKOLNIK

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

| ID NUMBER | TEST NUMBER |
|---------------|-------------|
| 21-013 | 023 |

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/X430/S
1A2/Y1.5/200

PART NUMBER:

ST5501

TEST DATE:

February 19, 2021

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

DRUM DESCRIPTION

| | | | |
|---------------------------------|------------------------|-----------------------|--|
| DRUM TYPE: | Open Head | ROLLING HOOPS: | Three |
| MATERIAL: | Stainless Steel | RING: | HP Bolt Ring RBH2212 |
| THICKNESS: (top/body/bottom) | 1.5 / 1.5 / 1.5 mm | NUT/BOLT TYPE: | 5/8" - 11 UNC-2A x 4.00" BT5840 NT5800 |
| CAPACITY: | 55 Gallons | CLOSING INSTRUCTIONS: | PQ 080 Rev.D |
| INSIDE DIAMETER: | 22.50" | GASKET: | "D" EPDM GE5500 |
| OVERALL HEIGHT: | 34.7" | CHIME TYPE: | Round Chime |
| PACKAGING GROUP: | I Solids II Liquids | SEAM CONSTRUCTION: | Butt Weld |
| SPECIFIC GRAVITY: | 1.5 | FITTINGS: | 2" & 3/4" TS in Cover PT2050A PT3050A All with Buna Gasket |
| SOLIDS GROSS WEIGHT: | 430 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 1 sample dropped diagonal on chime |
| RESULTS, TEST 2: | PASS 1 sample dropped onto ring @ 45 degrees |

DROP TEST - LIQUIDS

49 CFR §178.603

| | |
|---------------------|--|
| CONTENTS USED: | Water |
| CAPACITY FILLED TO: | 98% |
| LIQUID DROP HEIGHT: | 1.5 m |
| RESULTS, TEST 1: | PASS 1 sample dropped diagonal on chime |
| RESULTS, TEST 2: | PASS 1 sample dropped onto ring @ 45 degrees |

STACKING TEST - SOLIDS

49 CFR §178.606

| | |
|---------------------|---|
| CONTENTS USED: | Sand and Steel Plates |
| CAPACITY FILLED TO: | 95% |
| TEST WEIGHT: | 1952 kg 1 sample maintained for 24 hours |
| RESULTS: | PASS |

STACKING TEST - LIQUIDS

49 CFR §178.606

| | |
|---------------------|--|
| CONTENTS USED: | Water |
| CAPACITY FILLED TO: | 98% |
| TEST WEIGHT: | 1567 kg 1 samples maintained for 24 hours |
| RESULTS: | PASS |

LEAKPROOFNESS TEST

49 CFR §178.604

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|----------------|--|
| 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: | 200 kPa 1 samples held for (5) minutes |
| RESULTS: | PASS |

TEST PERSONNEL

Moises Basilio

Moises Basilio
Inspection and Testing Manager

APPROVAL

Carlos Salinas

Carlos Salinas
Director of Quality Assurance