



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

| ID NUMBER | TEST NUMBER |
|-----------|-------------|
| 20-030 | 010 |

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/X235/S 1A2/Y1.5/150 | PART NUMBER: | CQ3005 |
| | | TEST DATE: <small>(Periodic Retesting is required within 12 months from test date)</small> | April 20, 2020 |

DRUM DESCRIPTION

| | | | |
|--|------------------------|-----------------------|--|
| DRUM TYPE: | Open Head | ROLLING HOOPS: | Two |
| MATERIAL: | Carbon Steel | RING: | HP Bolt Ring RBH1812 |
| THICKNESS: <small>(top/body/bottom)</small> | 1.2 / 1.2 / 1.2 mm | NUT/BOLT TYPE: | 5/8" - 11 UNC-2A x 4.00" BT5840 NT5800 |
| CAPACITY: | 30 Gallon | CLOSING INSTRUCTIONS: | PQ 080 Rev. D |
| INSIDE DIAMETER: | 18.25" | GASKET: | "D" EPDM GE2000 |
| OVERALL HEIGHT: | 29.0" | CHIME TYPE: | Round Chime |
| PACKAGING GROUP: | I Solids II Liquids | SEAM CONSTRUCTION: | Overlap Weld |
| SPECIFIC GRAVITY: | 1.5 | FITTINGS: | 2" & 3/4" Rieke in Cover PR2041 PR3041 EPDM Gasket |
| SOLIDS GROSS WEIGHT: | 235 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 <small>3 samples dropped on bottom chime</small> |
| RESULTS, TEST 2: | PASS <small>3 samples dropped onto ring at 45 degrees</small> |

DROP TEST - LIQUIDS

49 CFR §178.603

| | |
|---------------------|---|
| CONTENTS USED: | Water |
| CAPACITY FILLED TO: | 98% |
| LIQUID DROP HEIGHT: | 1.5 m |
| RESULTS, TEST 1: | PASS <small>3 samples dropped on bottom chime</small> |
| RESULTS, TEST 2: | PASS <small>3 samples dropped onto ring at 45 degrees</small> |

STACKING TEST - SOLIDS

49 CFR §178.606

| | |
|---------------------|---|
| CONTENTS USED: | Sand and Steel Plates |
| CAPACITY FILLED TO: | 95% |
| TEST WEIGHT: | 1535 kg <small>3 samples maintained for 24 hours</small> |
| RESULTS: | PASS |

STACKING TEST - LIQUIDS

49 CFR §178.606

| | |
|---------------------|---|
| CONTENTS USED: | Water |
| CAPACITY FILLED TO: | 98% |
| TEST WEIGHT: | 1124 kg <small>3 samples maintained for 24 hours</small> |
| RESULTS: | PASS |

LEAKPROOFNESS TEST

49 CFR §178.604

| | |
|----------------|---|
| TEST PRESSURE: | 34.5 kPa <small>3 samples held for (5) minutes</small> |
| 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

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|----------------|--|
| TEST PRESSURE: | 150 kPa <small>3 samples held for (5) minutes</small> |
| RESULTS: | PASS |

TEST PERSONNEL

Moises Basilio
 Moises Basilio
 Inspection and Testing Manager

APPROVAL

Carlos Salinas
 Carlos Salinas
 Director of Quality Assurance