



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

| ID NUMBER | TEST NUMBER |
|-----------|-------------|
| 20-001    | 021         |

# 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: | <b>1A1/X1.8/300</b> | PART NUMBER:  | <b>CQ5516</b>   |
|               |                     | TEST DATE:<br><small>(Periodic Retesting is required within 12 months from test date)</small> | January 4, 2020 |

### DRUM DESCRIPTION

|  |                    |                       |   |
|--|--------------------|-----------------------|---|
| DRUM TYPE:                                     | Tight Head         | ROLLING HOOPS:        | Two   |
| MATERIAL:                                      | Carbon Steel       | RING:                 | N/A   |
| THICKNESS:<br><small>(top/body/bottom)</small> | 1.5 / 1.5 / 1.5 mm | NUT/BOLT TYPE:        | N/A   |
| CAPACITY:                                      | 55 Gallon          | CLOSING INSTRUCTIONS: | PQ 080 Rev. D   |
| INSIDE DIAMETER:                               | 22.50"             | GASKET:               | N/A   |
| OVERALL HEIGHT:                                | 35.25"             | CHIME TYPE:           | Round Chime   |
| PACKAGING GROUP:                               | I Liquids          | SEAM CONSTRUCTION:    | Overlap Weld  |
| SPECIFIC GRAVITY:                              | 1.8                | FITTINGS:             | 2" & 3/4" TS in Cover<br>PT2000A PT3000A<br>2"TS in Body PT2000A<br>Buna Gasket |
| SOLIDS GROSS WEIGHT:                           | N/A                |                       |   |

### TESTING

**DROP TEST - SOLIDS** 49 CFR §178.603

|                     |     |
|---------------------|-----|
| CONTENTS USED:      | N/A |
| CAPACITY FILLED TO: | N/A |
| SOLID DROP HEIGHT:  | N/A |
| RESULTS, TEST 1:    | N/A |
| RESULTS, TEST 2:    | N/A |

**DROP TEST - LIQUIDS** 49 CFR §178.603

|                     |  |
|---------------------|--|
| CONTENTS USED:      | Water  |
| CAPACITY FILLED TO: | 98%  |
| LIQUID DROP HEIGHT: | 2.7 m  |
| RESULTS, TEST 1:    | PASS<br><small>3 samples dropped on bottom chime</small> |
| RESULTS, TEST 2:    | PASS<br><small>3 samples dropped onto top chime</small>  |

**STACKING TEST - SOLIDS** 49 CFR §178.606

|                     |     |
|---------------------|-----|
| CONTENTS USED:      | N/A |
| CAPACITY FILLED TO: | N/A |
| TEST WEIGHT:        | N/A |
| RESULTS:            | N/A |

**STACKING TEST - LIQUIDS** 49 CFR §178.606

|                     |   |
|---------------------|---|
| CONTENTS USED:      | Water   |
| CAPACITY FILLED TO: | 98%   |
| TEST WEIGHT:        | 1771 kg<br><small>3 samples maintained for 24 hours</small> |
| RESULTS:            | PASS  |

**LEAKPROOFNESS TEST** 49 CFR §178.604

|                |   |
|----------------|---|
| TEST PRESSURE: | 34.5 kPa<br><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

|                |  |
|----------------|--|
| TEST PRESSURE: | 300 kPa<br><small>3 samples held for (5) minutes</small> |
| RESULTS:       | PASS   |

**TEST PERSONNEL**

Moises Basilio

Moises Basilio  
Inspection and Testing Manager

**APPROVAL**

Carlos Salinas  
Director of Quality Assurance