

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 §173.3 and .227, §178.504, §178.600 through §178.606 and .608
in addition to Skolnik Industries, Inc. QEP Procedure QAP / PQ 028.

U.N. MARKING:

1A2 / X430 / S
1A2 / Y1.5 / 175

PART NUMBER:

CQ5508
HM5501
PH5501

TEST DATE:

November 6, 2008(Periodic Retesting is required within
12 months from test date)

DRUM DESCRIPTION

DRUM TYPE:	Open Head	ROLLING HOOPS:	Three
MATERIAL:	Carbon Steel	RING:	12ga Bolt Ring HP RBH 2212
THICKNESS: (top/body/bottom)	1.5 / 1.5 / 1.5 mm	NUT/BOLT TYPE:	5/8" - 11 UNC-2A X 4.00" BT5800 NT5840
CAPACITY:	55 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. B
INSIDE DIAMETER:	22.5"	GASKET:	EPDM In-Cover "D" GE5500
OVERALL HEIGHT:	34.5"	CHIME TYPE:	Round Seam
PACKAGING GROUP:	I Solids II Liquids	SEAM CONSTRUCTION:	Lap Weld
SPECIFIC GRAVITY:	1.5	FITTINGS:	2" & 3/4" TS in Cover PT2000 PT3000
SOLIDS GROSS WEIGHT:	430 kg	CONTENTS USED:	2" TS in Body PT2000 Steel Scrap, Sodium Bicarbonate, Water
CAPACITY FILLED TO:	98%		

TESTING

DROP TEST - SOLIDS — 49 CFR §178.603

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

LEAKPROOFNESS TEST — 49 CFR §178.604

TEST PRESSURE:	34.5 kPa 3 samples maintained 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 performed upon design qualification testing for this type of container. Past experience has indicated no failures.

TEST PERSONNEL

TESTING PERFORMED BY:

Moises Basilio, QA Technician

DROP TEST - LIQUIDS — 49 CFR §178.603

LIQUID DROP HEIGHT:	1.5 m
RESULTS, TEST 1:	PASS 3 sample dropped on bottom chime
RESULTS, TEST 2:	PASS 3 sample dropped onto ring @ 45 degrees

HYDROSTATIC TEST — 49 CFR §178.605

TEST PRESSURE:	175 kPa 3 samples maintained for (5) minutes
RESULTS:	PASS

STACKING TEST — 49 CFR §178.606

TEST WEIGHT:	1428 kg 3 samples maintained for 24 hours
RESULTS:	PASS

APPROVAL

Matt Dick, Manager of Quality Assurance