



TEST APPLICANT'S FORM

Packaging Design Code: 1A2 – Open Head Steel Drum

PERFORMANCE-ORIENTED PACKAGE TESTING CERTIFICATION For Hazardous Material (Dangerous Goods) Packaging

Instructions

PLEASE READ: *It is important, and required, that Test Applicant's Forms be completed as thoroughly and as accurately as possible. Should the US DOT determine that it is necessary to inspect a package in the field, DOT inspectors must be able to ascertain that the package they are reviewing is the same package that was tested and certified. A comparison of the inspected package would likely be made with the original test report, including drawings and specifications contained in the Applicant's Forms, which become part of the reports we submit.*

Please review the following instructions carefully:

1. All blanks must be completed with data* or noted as NA (Not Applicable).
2. All dimensions on each form must be stated consistently in metric or English (American) units. Conversions should be made to at least 1 decimal place, preferably 2 decimal places. Fractions are acceptable for English units, but will be converted to metric measurements where necessary to meet UN/DOT criteria.
3. Authorized and dated signature from Applicant Company's representative required on Applicant's Form.
4. Official, legible drawings with dimensions are required.
5. Detailed packing/pack out instructions required.
6. Testing cannot begin until all Forms are complete and reviewed by lab staff. Please ensure that all drawings and data are completely legible. Illegible drawings or data will delay the testing process and may effect certification.

* Note: Most technical data for packaging components is usually available from component manufacturers. (For example, bottle specifications can be obtained from the bottle manufacturer, either from a specification sheet or drawing.)



Definitions:

UN Packaging Group: Indicates the degree of danger presented by the product being packaged. In general Group I represent great danger, Group II represents medium danger, Group III represents minor danger. Proper Group number is determined by the U.S. 49 CFR 172.101, Column 5 and The UN "Orange Book" *Recommendations on the Transport of Dangerous Goods, Model Regulations*, Chapter 3.2, Column 5. When a package is tested and approved for a specific group, no product of a higher danger level may be shipped in that package.

Maximum specific gravity: Refers to the Weight or Mass of the product being packaged. It is common term used when dealing with chemicals. When a package is tested and approved for a Specific Gravity, no product of a higher Specific Gravity may be shipped in that package.

Note: This form is available in Microsoft WORD format and may be typed. Contact lab and we will e-mail the WORD form to you. This form, along with our convenient checklist may also be obtained from our website, www.pkgtest.com.

Please contact Packaging Technology Center with any questions that you may have. We look forward to providing you with these testing services.

PACKAGING TECHNOLOGY CENTER
P. O. Box 15274, Houston, Texas 77220-5274 USA
Phone 713.670.7309
Toll Free 877.754.8378 (877.PKGTEST)
FAX 713.671.9805
Web Site: www.pkgtest.com
e-mail: pkgtest@pkgtest.com



TEST APPLICANT'S FORM
PERFORMANCE-ORIENTED PACKAGE TESTING CERTIFICATION For
Hazardous Material (Dangerous Goods) Packaging

Packaging Design Code: 1A2 – Open Head Steel Drum

Company Name: _____

Address: _____

City/State/ZIP: _____

Attn: _____

Phone: _____

Item #/SKU – Description:



1.0 Package Description

- 1.1 Open Head Steel Drum: See Appendix C for drawing.**
All dimensions must be converted to metric. English measurements may be stated in parenthesis.

Manufacturer:	
Address:	
Drum Style:	
Part Number – SKU:	
Material:	
Manufacturing Method:	
Height: cm (in)	
Diameter – Top: cm (in)	
Diameter – Bottom: cm (in)	
Minimum Thickness Bottom mm (in):	
Minimum Thickness Wall: mm (in)	
Capacity (Nominal): L (gal)	
Capacity (Maximum): L (gal)	
Closures and Location:	
Tare Weight of Drum:	

- 1.2 Cover: See Appendix C for drawing.**

Manufacturer:	
Address:	
Part Number – SKU:	
Material:	
Minimum Thickness: mm (in)	
Lug Height: mm (in)	
Diameter: cm (in)	
Gasket Material:	
Gasket Thickness: mm (in)	
Cover Weight: kg (lb)	



1.3 Closure: See Appendix C for drawing.

Manufacturer:	
Address:	
Part Number:	
Material:	
Height: mm (in)	
Diameter (top): mm (in)	
Diameter (bottom): mm (in)	
Cap Weight: g (oz)	
Gasket Material:	
Liner Material:	
Thickness: mm (in)	
Weight: g (oz)	
Closure Weight (Cap + Liner): g (oz)	

1.4 Closure Method:

Cover Application Method:	
Closure Torque of Cap: ft-lbs	

1.5 Additional Inner Package (if applicable):

Inner Package Type:	Plastic liner....
Manufacturer:	
Address:	
Inner Package Part Number/SKU:	
Manufacturing Method:	
Material (Resin# and Mfg):	
Capacity: liters (quarts)	Nominal -
Dimensions: mm (inches)	Width -
	Length -
Average Thickness: mm (inches)	
Tare Weight (avg.): grams (oz)	



1.6 Additional Test Information:

Desired Performance Level - Packaging Group (I, II, or III):	
Maximum Specific Gravity of the product in the package:	
Does this package need to be approved for air shipment?	
Additional Test Information:	

Please remember to provide detailed packing instruction.



I certify that this is an accurate description of the packaging as submitted for testing:

Date	Authorized Signature
Type/Print Name:	
Title:	

Return to: PACKAGING TECHNOLOGY CENTER
 P. O. Box 15274, Houston, Texas 77220-5274 USA
 Phone 713.670.7309
 Toll Free 877.754.8378 (877.PKGTEST)
 FAX 713.671.9805
 Web Site: www.pkgtest.com
 e-mail: pkgtest@pkgtest.com