

# **PANDORA**



Filing Cabinets



# **Our Facilities**

With our full-fledged machineries and technology, we have the capacity to provide all-in-one services encompassing design, development, fabrication, assembly as well as surface finishing of parts and components.

# **Our Services**

We strive to be a conscientious reliable fabricator achieving the highest standard and exellence in metal fabrication needs, rapid in work nature and timely delivery by understanding and responding to ideas and desires from our clients for competitive products, reduce cost and committing its total resources to the realization and satisfaction without any compromise of quality together with our client supports, confidence and commitment.



Surface Treatment





Quality Control and Sophisticated Packing System

# **Certification & Awards**



Mobile Pedestal Cabinet ANSI / BIFMA X 5.9-2012



ISO 9001:2008



**Test Certificate** 

Mobile Compactor Mechanical (BS - 4875 -7 : 2006) (BS - 4875 -8 : 1998)



Industrial Design Certificate for Mobile Compactor

Certificate of Registration of An Industrial Design



#### Other Awards

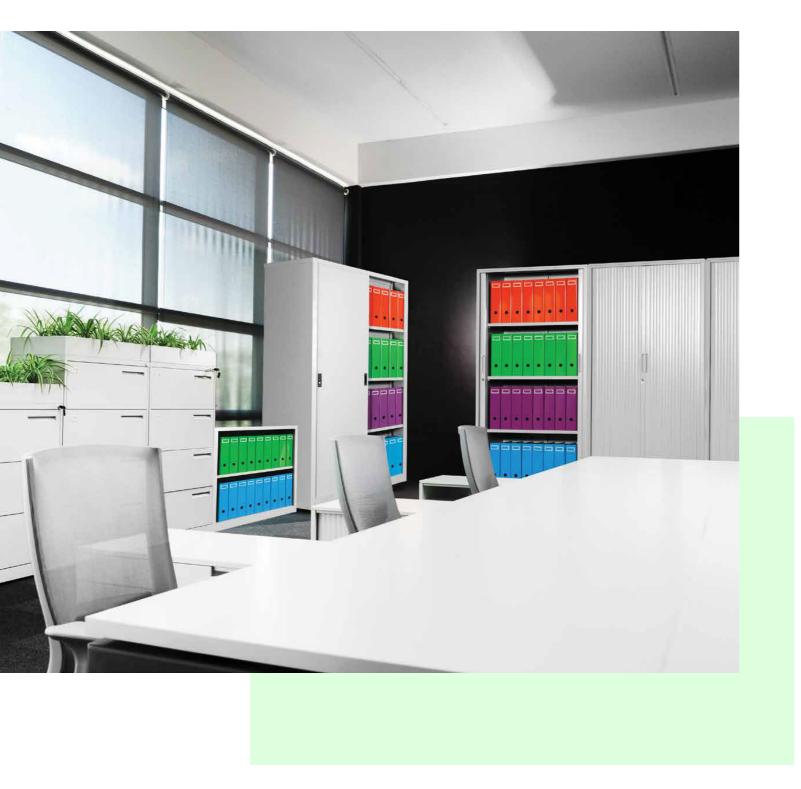
Winner of Rising Star Award Malaysian Furniture Leadership Awards (MFLA) 2010



#### Other Awards

Winner of Product Excellence Award Malaysian Furniture Leadership Awards (MFLA) 2010





# Swing Door Cupboards













#### ST011 (Stock

DESC: HALF HEIGHT SWING DOOR CUPBOARD

DIMENSION: 916(W) X 460(D) X 915(H) PACKING DIM: 170 X 520 X 950 WEIGHT/VOL:  $25 \, \text{KG} / 0.09 \, \text{M}^3$ 





#### ST012 (Stock

DESC: FULL HEIGHT SWING DOOR CUPBOARD

DIMENSION: 916(W) X 460(D) X 1830(H) PACKING DIM: 170 X 540 X 1880 WEIGHT/VOL:  $46 \, \text{KG} \, / \, 0.17 \, \text{M}^3$ 



# **Standard Storage**

## Seamless Fusion of Functionality and Design

PANDORA's vertical and lateral filing cabinets are highly suitable for personal and business uses. Sleek in design, our filing cabinets are definitely a smart choice for savvy and streamlined businesses.



#### ST023 (Stock) DESC:

PLANTER BOX DIMENSION:

915(W) X 460(D) X 120(H) PACKING DIM: 935 X 480 X 140  $9 \text{ KG} / 0.06 \text{ M}^3$ WEIGHT/VOL:



## Tambour Door Cupboards











Ball Bearing Slide



Castor











Full Extension Anti Tilt Ball Bearing Slide Mechanism





PM006L (Stock) & PM006R (Stock)
DESC: CADDY WITH OPEN SHELF DIMENSION: 900(W) X 500(D) X 600(H) PACKING DIM: 920 X 520 X 620 WEIGHT/VOL: 37 KG/0.30 M<sup>3</sup>





#### PM007L (Stock) & PM007R (Stock)

DESC: CADDY WITH ABS TAMBOUR DOOR

DIMENSION: 900(W) X 500(D) X 600(H) 920 X 520 X 620 PACKING DIM: WEIGHT/VOL:  $38 \text{ KG} / 0.30 \text{ M}^3$ 











#### PM008 (Stock)

DESC: MOBILE PEDESTAL CABINET - BF 400(W) X 500(D) X 485(H) DIMENSION: 440 X 540 X 525 PACKING DIM: WEIGHT/VOL: 16 KG / 0.12 M<sup>3</sup>







#### PM009 (Stock)

DESC: MOBILE PEDESTAL CABINET - BBF DIMENSION: 400(W) X 500(D) X 600(H)

PACKING DIM: 440 X 540 X 640 WEIGHT/VOL: 19 KG / 0.15 M<sup>3</sup>







### Mobile Pedestal Cabinet Test Report

10



Compliance Check Protocol No.: 1613025471 FVN 151607

WINTECH METAL PROCESSING SDN BHD Client:

180, JALAN 5, KOMPLEKS PERABOT OLAK LEMPIT, BANTING Address:

42700, SELANGOR

METAL CABINET STORAGE Article:

Following ANSI/BIFMA X5.9-2012 Mechanical tests: General information: Art. No.: Project No.: Delivered on: 10 November 2015 Supplier: Dimensions (mm): Height: 796

Width: 395 Depth: 488 / 902 (Closed / Opened) Weight: 17.4 kg

Considering remarks, the sample complied with the requirements of the test order (See following page/s for details).

Sample has been delivered: □ assembled ☐ with Assembly instruction

> in neutral packaging ☐ with Instruction for use

Ho Chi Minh City, 08 January 2015 TÜV Rheinland Vietnam Co., Ltd.

Checked by:

TÜV RHEINLAND VIETNAM LABORATORIES QUANG TRUNG SOFTWARE CITY DIST. 12, HCM CITY

Ngô Vũ Nguyên

Technical Manager - Hardlines

Reviewed by:

Thomas Schultz Laboratory Manager - Hardlines

This compliance check protocol consists of 6 pages. Except when otherwise approved / licensed by TÜV Rheinland Vietnam this compliance check protocol may only be published and used in unabbreviated original phrasing and form. This compliance check contains the result of one single examination of the individual test sample and does not represent any universally valid evaluation of the qualities of all products from serial production.

THS/NVN/PTH/NTKH TÜV Rheinland Vietnam - Hardlines Laboratory

Quang Trung Software City Ground Floor, Block No.10, Street No.4 Tan Chanh Hiep Ward, District 12 Ho Chi Minh City, Vietnam

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Compliance Check Protocol No.: 1613025471 FVN 151607

Standard		P	F	Note
Clause 16	Interlock Strength Test	$\boxtimes$		Remark 3
Clause 17	Door Tests			N/A (No door)
Clause 18	Clothes Rail Static Loading Test			N/A (No Clothes rail)
Clause 19	Swivel Cycle Test for Television/Video Display Terminal Surfaces			N/A (No Television/ Video Display Terminal Surfaces)
Clause 20	Pull Force Test			
Overall resul	lt	$\boxtimes$		

P = passed, F = failed, N/A = not applicable, N/P = not performed, N/R = not requested Abbreviations:

#### Objection:

None

#### Remarks:

- 1. After Movement Durability Test for Mobile Storage Units, the plastic castors were found slightly worn (See picture 1). No loss of service ability has been found on the castors.
- 2. After Extendible Element Retention Impact and Durability (Out Stop) test and Cycle test for Extendible Elements Deeper than Wide that Do Not Swivel, the supporting castor of bottom drawer was found slightly worn (See picture 2). No loss of service ability has been found on the supporting castor.
- 3. During Force Test for Extendible Element Locks and Interlock Strength Test, when drawers were locked and applied required force, the drawers at left side (without locking mechanism) were out of position around 20 mm, while at right side (with locking mechanism) the drawers still remain in the locked position. After the test, no loss of service ability has been found on the locking mechanism and interlock system, this has been considered accepted.
- 4. After Locking Mechanism Cycle Test, the key was found slightly stuck when inserted into the lock and locking mechanism was slightly stuck when operating. Main function of the locking mechanism was still maintained and no loss of service ability has been found.
- 5. The sample has been delivered built-on.

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## Wardrobe









#### PM030

DESC: 900 SERIES WARDROBE DIMENSION: 915(W) X 525(D) X 1815(H) PACKING DIM: 190 X 550 X 1850 WEIGHT/VOL: 52 KG / 0.19 M<sup>3</sup>



#### PM031

DESC: 600 SERIES WARDROBE TYPE A DIMENSION: 600(W) X 520(D) X 2100(H) PACKING DIM: 170 X 560 X 2140 WEIGHT/VOL: 44 KG / 0.20 M<sup>3</sup>



#### PM032

600 SERIES WARDROBE DESC:

TYPE B

DIMENSION: 600(W) X 600(D) X 1800(H) 170 X 640 X 1840 PACKING DIM: WEIGHT/VOL: 46 KG / 0.20 M<sup>3</sup>





Colours

## Library Rack









#### PM033

DESC: LIBRARY SINGLE SIDED RACK DIMENSION: 930(W) X 290(D) X 1980(H) PACKING DIM: 100 X 360 X 2020 WEIGHT/VOL:  $35 \, \text{KG} / 0.07 \, \text{M}^3$ 



#### PM034

DESC: LIBRARY SINGLE SIDED RACK 2 BAYS DIMENSION: 1822(W) X 290(D) X 1980(H) PACKING DIM: 150 X 360 X 2020 WEIGHT/VOL: 64 KG / 0.11 M<sup>3</sup>



#### PM035

DESC: LIBRARY DOUBLE SIDED RACK DIMENSION: 930(W) X 520(D) X 1980(H) PACKING DIM: 100 X 560 X 2020 WEIGHT/VOL: 55 KG / 0.11 M<sup>3</sup>



#### PM036

DESC: LIBRARY DOUBLE SIDED RACK 2 BAYS

DIMENSION: 1822(W) X 520(D) X 1980(H) PACKING DIM: 150 X 560 X 2020 WEIGHT/VOL: 104 KG / 0.17 M<sup>3</sup>









#### **Ideal Usage For:**

Office Supplies  $\cdot$  Medical Supplies Backroom Inventory  $\cdot$  Sporting Goods  $\cdot$  Law Books  $\cdot$  Median  $\cdot$  Parts  $\cdot$  Tools

# Mechanical Mobile Compactor System

Our mechanical wheel type mobile compactor is designed using different gear ratio so that the cabinet can be moved by generally turning the handwheel. This design minimizes the power to move a large object. Besides, gears and roller chains have been tested for the firmness. This is the reason why we can vouch that our mobile compactor can move much smoother and quieter.

## Lining Platform

Designed to perfection. Thanks to our all-encompassing, extensive market research, we build the mobile compactors tailored to 21st century needs.

## Our key strengths are:

- i. Platform with adjustable foot caps (no drilling or pre-leveling on the floor is needed)
- ii. Easy setup, assembling, leveling, and disassembly

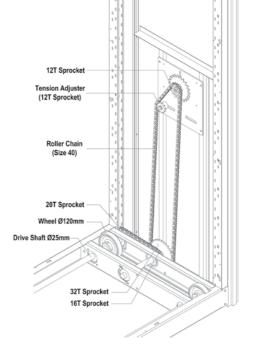
#### **Features**

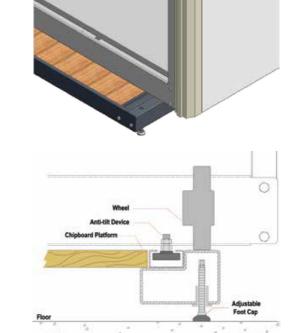


Safety Lock

Smooth Anti Tilt

Central Locking System







- · Platform with adjustable foot caps
- · (no drilling or pre-leveling on the floor is needed)
- · Foot cap height adjusts up to 30mm
- $\cdot\,$  Rails are made of 3mm cold rolled steel using laser cut process
- Pretreatment process including deionized water rinse followed by electrostatic polyester- epoxy powder coating as standard finish
- · Industrial wheels quiet & strong
- · Standard in track anti-tilt mechanism
- The built-in safety locks for mechanical type cabinets are designed to safeguard users from being accidentally trapped in aisles
- · Heavy duty iron die casting wheels with anti-rust zinc coating
- · Close type front panel that avoids dust
- · Central Lock System

#### **TYPES SPECIFICATIONS**

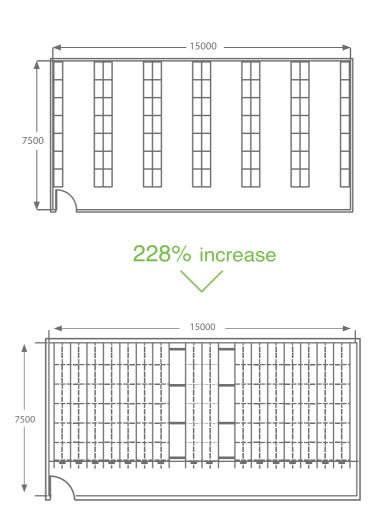
MATERIAL	Cold Rolled Steel
FINISH	Epoxy Powder Coating
SHELF SIZE	897(W) x 361(D) x 25(H)
NO. OF SHELF	4 pieces per bay
LOADING PER SHELF	70kg UDL
AISLE SIZE	780/800mm
MATERIAL THICKNESS	Back Panel: 0.7mm, Shelf: 0.7mm, Side Panel: 0.7mm, Base Frame: 2mm, Post: 1.5mm, Top Panel: 1.0mm, Front Panel: 0.8/1.0mm
RAIL WITH PLATFORM	Rail : 3mm Cold Rolled Steel with Laser Cut Process/ Complete with Adjustable Foot Cap, Platform : 18mm Chipboard
POST	C-Channel Post with Slots in 25mm increment
ANTI TILT MECHANISM	Nylon Guide D40mm
WHEEL	Iron Die Casting with Anti-rust Zinc Coating, Loading : 1000kg/ Wheel



# 228 percent of usage space with 100 percent efficiency!

Optimise your space without expensive remoulding. Because only the access aisle is necessary for sliding shelves, room capacity can be more than doubled in comparison to stationary shelving.





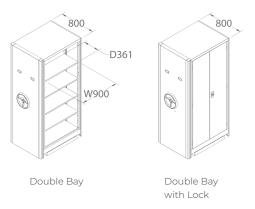
# Your Advantages at a Glance:

Optimal surface-use increases storage capacity to 228% Faster and easier access to archive material Easy operation with all movable versions:

- · Manual, with sliding shelf handl
- · Mechanical, with handwheel or automatic rotary reel

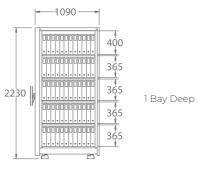
### Technical Information

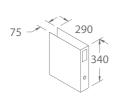
#### **Standard Bay Type**





with Lock



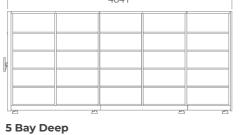


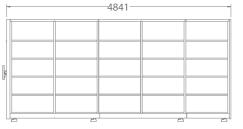
**Bay Load** 

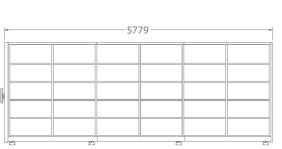
12 arch files (A4) per shelf. 1 bay 60 arch files.

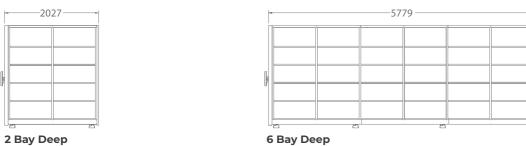
### **Bay Deep Configurations**

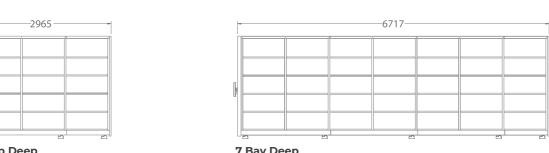


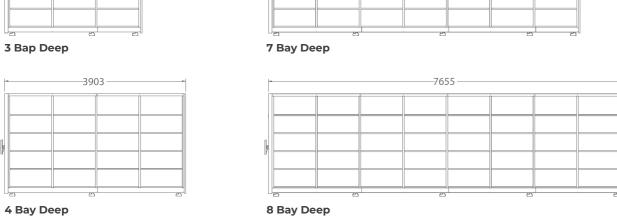


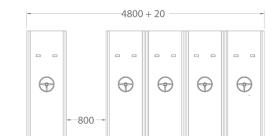


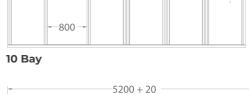


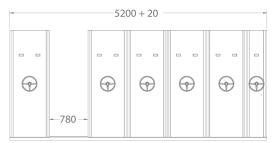


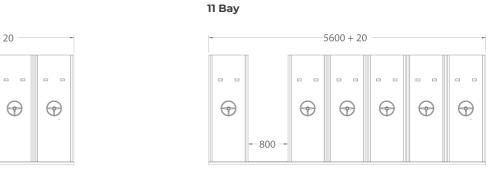




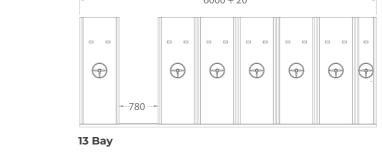




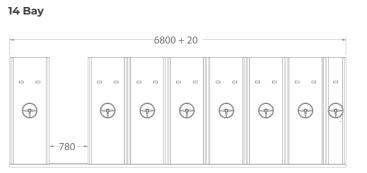












15 Bay 9 Bay

4000 + 20 0 0 1 -800



**Bay Configuration** 

2400 + 20

800 -

-2800 + 20

780

3200 + 20

800

4 Bay

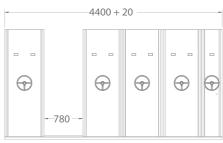
0

5 Bay

6 Bay

7 Bay

0



### Accessories



#### MMC001 (Stock)

DESC: MMC DESK TOP
DIMENSION: 852(W) X 360(D) X 37(H)
PACKING DIM: 872 X 380 X 47
WEIGHT/VOL: 4 KG / 0.02 M<sup>3</sup>



#### MMC003 (Stock)

DESC: MMC SHELF
DIMENSION: 897(W) X 361(D) X 25(H)
PACKING DIM: 910 X 380 X 40
WEIGHT/VOL: 2.2 KG / 0.01 M<sup>3</sup>



#### MMC005 (Stock)

DESC: MMC DRAWER

DIMENSION: 875(W) X 360(D) X 150(H)

PACKING DIM: 895 X 380 X 170

WEIGHT/VOL: 6 KG/0.07 M<sup>3</sup>



#### MMC002 (Stock)

DESC: MMC LATERAL FRAME
DIMENSION: 895(W) X 360(D) X 97(H)
PACKING DIM: 915 X 380 X 117
WEIGHT/VOL: 5 KG / 0.04 M<sup>3</sup>



#### MMC004 (Stock)

DESC: MMC CLOTH HANGING ROD
DIMENSION: 870(W) X 333(D) X 70(H)
PACKING DIM: 890 X 90 X 90
WEIGHT/VOL: 1.5 KG/0.01 M³



#### MMC006 (Stock)

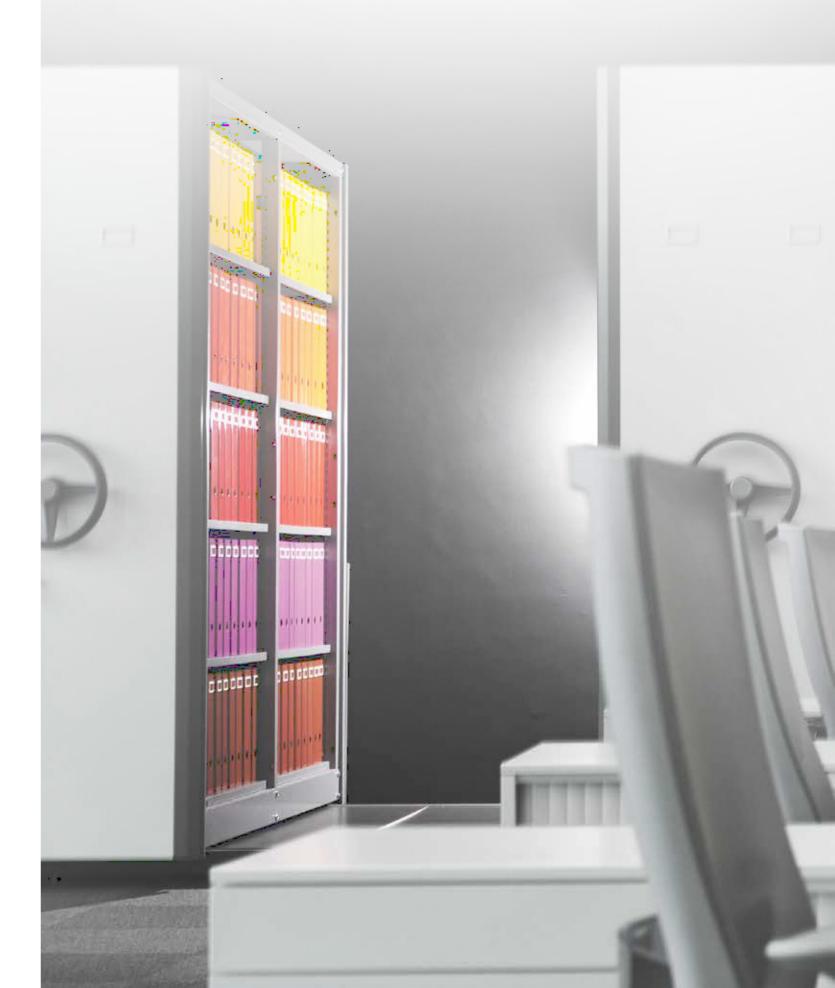
DESC: MMC SWING DOOR

DIMENSION: 895(W) X 20(D) X 1985(H)

PACKING DIM: 70 X 500 X 2000

WEIGHT / VOL: 15 KG / 0.07 M<sup>3</sup>

# **Compactor Test Report**



# FURNITURE TESTING LABORATORY (FTL) (MAKMAL WIAN PERABOT) FOREST RESEARCH INSTITUTE MALAYSIA (FRIM) 52 109 KEPONG SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-62797381/83/85/86 FAX: 03-62804615

EMAIL: ftl@frim.gov.my

Job number: FRIM/FTL 105/8/10



-Ruly

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## **TEST REPORT**

JOB NO: FRIM/FTL 105/8/10	DATE OF REPORT: 04/10/2010				
TEST ITEM RECEIVED: 26/08/2010					
COMPANY: WINTECH METAL PROCESSING SDN BHD ADDRESS: LOT 5172, BALAKONG JAYA LIGHT INDUSTRI, SERI KEMBANGAN, SELANGOR.	CONTACT PERSON: VINCENT CHOONG  TEL: 03-8961 6671 FAX: 03-8961 2421 E-MAIL: Vincent@wintech.com.my				
POSTCODE: 43300					
ITEM/PRODUCT: MOBILE COMPACTOR MECHANICAL  MODEL: MCM4B2C  QUANTITY: ONE  DESCRIPTION OF ITEM:	TYPE OF FURNITURE:  1. KNOCKED-DOWN  2. FULLY ASSEMBLED				
REFER PHOTO 1 AT PAGE 5	PROTOTYPE PRODUCTION SAMPLE				
	1				
TEST REQUIREMENTS:  1. BS 4875-7: 2006 (Domestic and Contract Storage Furniture – Performance Requirements)  2. BS 4875-8: 1998 (Methods for Determination of Stability of Non-Domestic Storage Furniture)					
CONFORMANCE TO TEST REQUIREMENTS:					
Sample 'MOBILE COMPACTOR MECHANICAL' model MCM4B2C (refers as a FRIM/FTL 105/8/10) has been tested and successfully satisfied the requirements of BS 4875-7: 2006: Domestic and Contract Storage Furniture – Performance Requirements for test level 3 and BS 4875-8: 1998: Methods for Determination of Stability of Non-Domestic Storage Furniture.					
APPROVED SIGNATORY:					
(MOHD ARSHAD SARU) Technical Manager					



# FURNITURE TESTING LABORATORY (FTL) (MAKMAL UJIAN PERABOT) FOREST RESEARCH INSTITUTE MALAYSIA (FRIM) 52109 KEPONG SELANGOR DARUL EHSAN, MALAYSIA. TEL: 03-62797381/83/85/86 FAX: 03-62804615 EMAIL: ftt@frim.gov.my



DATE OF TEST		START : 02/09/2010			
		END : 25/09/2010			
AVERAGE MOISTURE CONTENT		BEFORE TEST :	Not available		
		AFTER TEST :	Not available		
AVERAGE	TEMPERATURE DURING TESTING	: 22.0° C	_		
INITIAL IN	SPECTION	: NO DEFECT(S) FOUND			
	<b>Domestic and Contract Storage</b>	75-7: 2006 Furniture - Performance Re level 3	equirements		
CLAUSE	TEST DESCRIPTION	LOAD/FORCE/CYCLE	RESULT		
6.1.3	Deflection of Shelves	Load: 40.1 kg, 1 hour	PASS		
6.1.4	Strength of Shelf Supports	Load: 20.0 kg, 10 times	PASS		
6.2.1	Sustained Load Test for Bottoms	Load: 40.1 kg, 1 hour	PASS		
6.2.2	Static Load Test for Bottoms	Force: 750 N , 10 times	PASS		
6.4.1	Test for Structure and Underframe	Force: 300 N , 10 times	PASS		
	BS 48 Methods for Determination of St	75-8: 1998 ability of Non-Domestic Storag	e Furniture		
CLAUSE	TEST DESCRIPTION	LOAD/FORCE/CYCLE	RESULT/OBSERVATI ON		
7.3.5	Horizontal Stability	Force: 200 N	PASS		
7.3.6	Impact Test	Height of impact: 40mm	PASS		

Tests carried out according to the requirements of current standards are intended to demonstrate the ability of the item to give satisfactory services in its intended environment. It should be understood that such tests do not ensure that structural failure will not eventually occur as a result of habitual misuse or after an excessive long period of services.

TESTED BY:

\* Test carried out and reported are those relevant to the article submitted for test.

ZAWAWI KASSIM (DTM1)

2. ABDUL MUAZ SAGIMIN (TA2)

CHECKED BY:

SITI ZALIHA BT. ALI (Technical Manager II)

Job number: FRIM/FTL 105/8/10	Page 4	of	5	- Quin



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