

# TEST CERTIFICATE

FOR REPORT MT-08/127 & MT-08/396

**CLIENT:**

**ADRIAN WRIGHT**  
ATF HIRE GROUP PTY LTD  
HOMEBUSH BAY NSW 2127

**EQUIPMENT DESIGNATION:**

***ATF Temporary HMWPE Hoarding Panel with  
1200mm and 1500mm "F" bracing.***

**MANUFACTURER:**

***ATF Hire Group***

**APPLICABLE STANDARDS:**

***AS 4687-2007 TEMPORARY FENCING AND HOARDINGS  
AS/NZS 1170.2-2002 STRUCTURAL DESIGN ACTIONS –  
WIND LOADS***

**COMMENTS:**

The ATF temporary hoarding panel incorporating HMWPE infill material as described in test reports MT-08/127 & MT-08/396 has been tested in accordance with AS 4687:2007 Section 4, and has passed the specified requirements for each test.

The computed wind load capacities as provided below have been calculated using the tabled AS/NZS 1170.2-2002 values in conjunction with the averaged test results from each report.

Importance level		-	1.00
Annual probability		-	0.01
Direction multiplier	$M_d$	-	1.00
Terrain category	-	-	2.00
Terrain height	-	-	0.90
Terrain/height multiplier	$M_{z,cat}$	-	0.91
Shielding height	$h_s$	m	6.00
Shielding breadth	$b_s$	m	12.00
Shielding buildings	$n_s$	-	8.00
Shielding parameter	$s$	-	1.33
Shielding multiplier	$M_s$	-	0.70
Topographic multiplier	$M_t$	-	1.00
Dynamic response factor	$C_{dyn}$	-	1.00
Air density	$\rho$	kg/m <sup>3</sup>	1.20

Bracing Condition (per panel)	Number of Blocks (per brace)	Calculated Wind Speed Capacity (m/s)	Conformance with AS 4687	Australian Wind Region
Single	1	16.4	Complies	A
	2	20.2	Complies	A to B
	3	23.4	Complies	A to C
	4	25.4	Complies	A to D
Double	1	19.7	Complies	A to B
	2	25.4	Complies	A to D
	3	30.1	Complies	A to D
	4	33.8	Complies	A to D

**CONDITIONS:**

- 1) It remains the responsibility of the client to ensure that the "Temporary ATF Hoarding Panels" and associated components, as reported in MT-08/127 & MT-08/396 are representative of entire production batches.
- 2) Melbourne Testing Services shall take no responsibility for the procurement and authenticity of the "Temporary ATF Hoarding Panels" as described herein.
- 3) Melbourne Testing Services shall take no responsibility for any subsequent alterations or design changes that may affect the safety and performance of the "Temporary ATF Hoarding Panels" as described in MT-08/127 & MT-08/396.
- 4) Melbourne Testing Services shall take no responsibility for the installation procedures and use of the "Temporary ATF Hoarding Panels" as described in -08/127 & MT-08/396.



RODNEY WILKIE

TEST ENGINEER, LABORATORY MANAGER

DATE: 24/11/2008