Laboratory: Ark Wrought Ironwork Report N.: CRG 001 Page 1 of 2

TEST REPORT OF FORCE MEASUREMENT - TEST OF TYPE

Laboratory:	Ark Wrought Ironwork
Address:	
Measuring instrument:	Speed Force (art. 50V001T)
Builder:	Microtronics srl
Serial Number:	
Calibration date:	05/10/2010
Customer:	CR Gates Ltd
Address:	139 Humber Way
	Langley Slough
Technician/Builder:	
Address:	139 Humber Way, Langley, Slough Berekshire SL38SS
Door identification:	Single 5 Bar metal Gate
	Lower Farm, St Leonards Hill
Loodiion.	Windsor, Berks
Installation date:	12/4/2011
Door type:	Hinged gate
Applied norm:	
Brand and model:	N/a
Dimension of door:	3400mm x 1200mm
Weight of door:	130 kg
Kind of edge:	Resistive Monitiored edge x 2
Security device:	Photocells between Piers
Motor:	DU350NV
Electronic panel:	Beninca
Adjustments:	Motor torque set at 75%
Power supply:	230 volt ac
Temperature:	15
Annotations	Sunny day with slight breeze
Test Report nr.:	CRG 001
Test date:	12-4-2011
Carried out by:	Ark Wrought Ironwork Ltd
Approved by:	

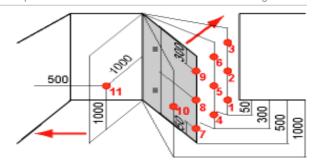
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Door type: Hinged gate

Applied norm:EN 12453

Point of measure: see image attached

Annotations:



Recapitulation of tests executed:

Point of	Description of tests	Fd [N]	Td [s]	Fs [N]	re [N]	Posult
Measure		- Measure- Measure- Measure Result - Limit - Limit - Limit - Limit				
1	Height: at 50 mm from bottom edge of the door. Gap: 50 mm from main closing edge and the opposing edge.	365 400	0.09 0.75	10 150	3 25	PASS
2	Height: at the center of door, or 2500mm above the floor, when the height of door is >5000 mm. Gap: 50mm from main closing edge and the opposing edge.	291 400	0.09 0.75	6 150	0 25	PASS
3		279 400	0.06 0.75	6 150	0 25	PASS
4	Height: at 50 mm from bottom edge of the door. Gap: 300 mm from main closing edge and the opposing edge.	242 400	0.05 0.75	2 150	0 25	PASS
5	Height: at the center of door, or 2500mm above the floor, when the height of door is >5000 mm. Gap: 300mm from main closing edge and the opposing edge.	294 400	0.08 0.75	4 150	0 25	PASS
6	Height of the door minus 300mm (max 2500 mm). Gap: 300 mm from main closing edge and the opposing edge.	298 400	0.09 0.75	3 150	0 25	PASS
7	Height: at 50 mm from bottom edge of the door. Gap: 500 mm from main closing edge and the opposing edge.	300 400	0.08 0.75	5 150	1 25	PASS
8	Height: at the center of door, or 2500mm above the floor, when the height of door is >5000 mm. Gap: 500mm from main closing edge and the opposing edge.	340 400	0.09 0.75	4 150	0 25	PASS
9		272 400	0.07 0.75	2 150	0 25	PASS