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CERTIFICATION REPORT FOR WORLD CUP RELEASE PANELS

Panel type: Break-A-Way 2012 (105 mm bungee strap)

Producer: Reliable Racing Supply, Inc.
643 Upper Glen Street
Queensbury, New York 12804
T: +1 (518) 793 56 77
F: +1 (518) 793 64 91
E-Mail: john@reliableracing.com

Test 1: Normal approach The panel must not release from the poles during normal gate approach.	✓
Test 2: Release in case of collision Quasi-static test: The maximal force must not exceed 50 N (3 repetitions) neither at room temperature nor -20° C. Dynamic test: For 3 repetitions the panel has to be released every time.	✓ ✓
Test 3: Geometrical design and colours The panel must have the size of ca. 0.75 x 0.50 m (GS, SG, and DH). The panel area must be between 0.375 and 0.3 m ² . Commonly no colours other than red or blue are permitted.	✓
Test 4: Wind permeability The panel must be made of wind-permeable material.	✓

Pictures of the panel:



Fig. 1: GS panel front view



Fig. 2/3: Attachment on the pole with plastic tube and bungee strap

Judgement: The presented panel meets the specifications required by the FIS for World Cup release panels. The certification is valid till 30.4.2012.

A photograph of a handwritten signature in blue ink on a white background. The signature reads 'W. Nachbauer' in a cursive script.

(Dr. W. Nachbauer)

Remark and Exclusion of Liability:

The certification regards the tested panel and is only valid for exact identical manufactured panels. Even if a gate panel meets the FIS specifications for release panels, there is no guarantee that the panel will function without error or problem during races and training. The relationship between the FIS requirements measured in the laboratory and the behavior of panels under racing conditions has not been thoroughly enough studied yet. Additionally factors such as weather conditions (precipitation, humidity, wind ...) or advertising inscription have not been considered during test measurements. Because of these reasons, legal liability for damages which may result from a panel malfunction during races or training cannot be assumed by the testing organization or the FIS.