



Caldwell Manufacturing Co. NA LLC
PO Box 92891
Rochester, NY 14692

March 15, 2019

Mr. Michael Fox
Window Repair Systems
2363 Sandifer Blvd.
Westminster, SC 29693

Dear Mr. Fox

The Caldwell Manufacturing Company test lab recently completed cycle testing of sash balances provided by Window Repair Systems. The sample tested consisted of four specimens of Turbo II™ balances of a nominal 42" length with a rated sash-weight capacity of 54lbs per pair.

The balances were tested in general accordance with the cycling defined by the American Architectural Manufacturer's Association in AAMA 902.16 section 8.6. The balances were travelled from their minimum retracted state to their maximum extended state and back again at a linear speed of 14.83 feet per minute with a ten second dwell at full retraction and full extension.

The Turbo II™ Balances successfully completed 16,000 cycles. Note that this exceeds the requirements of AAMA 902.16 section 8.6 which defines performance level B at 4,000 cycles or performance level A at 5,500 cycles. At the end of cycling each of the specimens remained intact and functional.

Sincerely,

Matt Brady, Engineering Services Manager, Caldwell Manufacturing Co. NA LLC