

FM Approvals
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April 19, 2021

Carl Goodman
Won-Door Corp
1865 S 3480 West
Salt Lake City, UT 84104
United States

Customer ID: 117117
Subject: FINAL LETTER - Compliance Re-Examination of FireGuard, FireGuard-G, and FireGuard-CS
Special Purpose Fire Doors per FM Standard 4100
Project ID: 3061944

Dear Carl,

This letter will serve as our report for the above referenced project. This re-examination consisted of a desk review of all Won Door Corporation's previous Approval projects on file at FM Approvals which included project ID 3042926 and 3033198. The review was conducted in order to assess the level of compliance associated with the testing previously conducted and its relationship to the requirements of the revised standard.

FM Approvals also determined that in order to comply with current requirements contained in FM Standard 4100, additional tests were required to maintain Approval of the Fire Door Motor Operator utilized in the FireGuard, FireGuard-G, and FireGuard-CS approvals. The testing conducted is as follows:

Table 1

Section	Test Name	Justification/Comments
4.1	Fire Endurance and Hose Stream Test	3042926, 3033198
4.2	Durability Test	Not Required
4.3	Test for Automatic Closing	Not Required
4.4.1	Normal Operation Test	Required/conducted per re-examination
4.4.2	Environmental Conditioning	
4.4.3	Vibration Test	
4.4.4	Dielectric	
4.4.5	Endurance Test	
4.4.6	Equipment Load Rating	
4.4.7	Protective Grounding	
4.4.8	Voltage Variation	
4.4.9	Surge Line Transient Test	
4.4.10	RFI Immunity Test	

The subject doors passed all additional testing required.



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A review of all Won Door Corporation's documentation as applicable to this project ID was also conducted. We have confirmed that your Approval label, drawings, product specification, and instructions meet all requirements of Approval Standard 4100 as applicable. A review of Won Door Corporation's information on file shows that no further examination beyond that completed in this program is needed for this re-examination.

Sincerely,

A handwritten signature in black ink that reads "Michael McMahon".

Michael McMahon
Associate Engineer
Michael.McMahon@fmapprovals.com
1-781-255-4731

Reviewed by

A handwritten signature in black ink that reads "Joanna Blaney".

Joanna Blaney
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Approved by

A handwritten signature in black ink that reads "Phillip J. Smith".

Phillip J. Smith
VP – Manager of Building Materials