



August 29, 2017

## Certificate of Safe Use Compliance

To whom it may concern,

This Certificate of Safe Use Compliance assures that 3M Fall Protection system number 8530607 is safe to use for fall protection applications provided they are used with 3M approved devices. Please note that in the event of a fall the systems must be removed from service and fully inspected by a qualified person. Please refer to the system technical specifications and maintenance procedures for more information.

The 8530607 is designed and tested to meet applicable OSHA fall protection regulations and standards – specifically 1926.502(d)(15) & 1910.140(c)(13)(ii). Static and dynamic testing was performed during the design to ensure compliance with the above noted standards and validate that a minimum safety factor of 2:1 is present.

In the case of the 8530607 fall arrest system, a single person using the system will apply a fall arresting force of 900 pounds. To ensure a 2:1 safety factor the static load applied was: 1 person x 900 pounds x 2.0 safety factor = 1,800 pounds.

These types of tests are performed using a hydraulic powered system with forces measured using an electronic load cell. Once the load is achieved, it is maintained for a period of one minute.

If you have questions concerning how these systems are evaluated, feel free to contact me directly.

Sincerely,

A handwritten signature in black ink that reads "Andrew Strauss".

Andrew Strauss  
Design Engineer  
3M Fall Protection