

HIGH-RISE STAIR TOWER SMOKE-CONTROL ACCEPTANCE TEST

Building name and address _____

Date _____

STAIR TOWER AND SYSTEM DESCRIPTION, EQUIPMENT AND DESIGN FEATURES

Stair tower identification _____ Location _____

Number of floors accessible by stair tower _____

Fan, equipment, and control location _____

Fan type _____ HP RPM CFM

Fan equipment circuit breaker and/or disconnect location _____

Fan supply air-intake location _____

Emergency power transfer switch location _____

Number of system injection points _____ Location _____

Number of system dampers _____ Type _____ Location _____

Number of system static sensors _____ Location _____

Number of system status indicators _____ Location _____

STAIR PRESSURIZATION SYSTEM OPERATION, METHOD OF ACTIVATION

Standpipe and/or sprinkler system main water flow Yes No FST* N/A

Standpipe riser (wet) system water flow Yes No FST N/A

Sprinkler (wet) system floor and/or areas/zones water flow Yes No FST N/A

Sprinkler (dry pipe) system water flow Yes No FST N/A

Sprinkler (preaction) system detection device Yes No FST N/A

Sprinkler (preaction) system water flow Yes No FST N/A

Smoke (area detection) detector Yes No FST N/A

Smoke (stair tower) detector Yes No FST N/A

Smoke (HVAC supply air) detector Yes No FST N/A

Smoke (HVAC return air) detector Yes No FST N/A

Smoke (stair pressurization supply air fan) detector Yes No FST N/A

Heat detector Yes No FST N/A

Kitchen hood suppression system Yes No FST N/A

Fire suppression system Yes No FST N/A

Manual pull boxes Yes No FST N/A

Manual control Yes No FST N/A

System fan control equipment circuitry (impairment) supervision Yes No FST N/A

*FST = Time it takes to start fan on actuation of initiation device.

Comments _____
