

2024 FIRE LIFE SAFETY FISCAL NOTE TO TEST MD STATE FIRE DAMPERS
SPONSORED BY DELEGATE JEFF LONG HB502

"# of Fire Dampers in commercial space owned by the state of Maryland		10,350
Initial Inspection time per damper (hours)		1
Cost per hour		\$125
Cost of Initial Inspection		\$1,293,750
Percentage of dampers that require repair (Source: Dr. James Milke, Fire Damper Reliability Study, University of Maryland, Department of Fire Protection Engineering)		66%
"# of Fire Dampers in commercial space owned by the state of Maryland		10,350
Number of dampers that require repair		6,831
Cost per Repair		\$50
Cost to Repair Dampers		\$341,550
Damper Repair time (hours)		1
Number of Dampers to repair		6,831
Cost per Hour		\$125
Total Cost to Repair Dampers		\$853,875
TOTAL COST TO TEST AND REPAIR DSG-OWNED FIRE DAMPERS		\$2,489,175
YEARLY COST - BUDGETING		\$622,294
# OF FIRE DAMPERS IN THE USA (Source: BELIMO)		10,000,000
Population of Maryland		6,177,000
Population of USA		333,000,000
% of US population present in Maryland		1.85%
Number of Dampers in Maryland Based on assumption that the number of dampers is consistent with the % of US population		185,495.50
Maryland Commercial Space (Source: Offices.net)		233,000,000

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	State of Maryland ownership of commercial space (Source: DGS.maryland.gov)	13,000,000
	% of Maryland commercial space owned by the state of Maryland	5.58%