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[Qiang Xu](#), [Xinggui Que](#), [Liyang Cao](#), [Cong Jin](#)

TOTAL HEAT FLUX ON THE WALL: BENCH SCALE WOOD CRIB FIRES TESTS

ABSTRACT

A serial test of crib fire conducted in a bench scale compartment. Total heat flux to the wall is measured by Schmidt-bolter gages in upper zone and lower zone of the compartment. The heat flux intensity and distribution of these c through these tests. The peak value and integral of the measure exposed surface area of wood cribs. Linear relations of these sca exposure surface area of wood cribs are obtained. The ratio of sc is also presented which could be used as model in estimating the scale tests.

KEYWORDS

[wood crib fire](#), [heat flux](#), [compartment test](#), [zone model](#)

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