

FACTORY MUTUAL APPROVAL DESCRIPTION

Factory Mutual (FM Global) is an insurance and fire research organization situated in North America and primarily affecting that market.

“FM Approvals” is a business unit of FM Global and conducts fire, wind resistance and other risk evaluation tests on many types of equipment, including cooling towers. Based on these tests, FM releases APPROVALS, which are widely accepted in the insurance and fire protection communities as being indicative of a low-risk product for the area of evaluation.

FM APPROVAL of a cooling tower indicates that FM has determined the tower design, including the specific configuration of structure, fill, drift eliminators, distribution system, fans, partitions, and/or casing walls described, to have “been evaluated and found to be of low fire hazard not requiring automatic sprinkler protection of themselves when used for their intended purpose... (when) installed in the specified pattern”. This determination is accomplished by FM Approvals through witnessed burn testing, laboratory flammability tests, and/or engineering judgment (based on similar testing by the same client).

Numerous Marley towers have been FM APPROVED through stringent testing or judgment.

Tower lines with available FM Approval include:

NC, NC Modular, AV, MH Fluid Cooler, Unilite, MS, and Class 800.

FM Approvals conducts periodic audits of our own plants and of vendors' facilities to ensure proper materials are used in the fabrication and assembly of approved towers.

Listings of FM-Approved cooling towers can be found in the official FM Approval Guide at approvalguide.com (registration is free).