



TECHNICAL POLICY

13 – 11 Hydraulic Calculation Procedures

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1. The hydraulic remote area is to include all sprinklers located within the actual floor area, as determined by the procedure outlined in NFPA 13.
2. The area covered by a sprinkler, and therefore its water demand, is determined by the procedure outlined in NFPA 13.
3. Double interlocked pre-action systems (requiring a sprinkler to open and air pressure to drop before the valve opens) are to have remote areas increased by 30%.
4. When sprinkler and standpipe have a common water supply, the hose demand is to be added to the sprinkler demand at the point the systems have common piping.
5. Each calculation shall include a 5 psi safety factor. The system demand plus hose stream demand are to be at least 5 psi below the water supply curve.