



# Florida Fire Marshals And Inspectors Association

## Informal Interpretation

**Date:** July 1, 2010

**NFPA Document Number:** FFPC (NFPA 1)

**Edition:** 2007

**Paragraph Reference:** Annex I

**If this involves an actual situation, explain briefly:**

Project has multiple buildings on site. Fire Flow demand is calculated for the largest building. Fire Flow demand is determined using FFPC (NFPA1) 2007 edition Annex H.

Resultant demand is 1325 GPM. There are more than the minimum number of hydrants (1 required) within the required maximum distance from the building.

**Question** (*should be worded so that it can be answered with either "Yes" or "No"*):

1. Must the entire fire flow demand be supplied from one hydrant?
2. Can the fire flow demand be divided amongst all hydrants within the required maximum distance?

**Answer:**

1. No.
2. Yes.

**Comments:** Annex I of NFPA 1 provides guidance on the number of spacing of fire hydrants in order to meet the fire flow as calculated by Annex H. Table I.3 specifically calls out a “minimum” number of hydrants to meet the required demand. There is no “maximum” number of hydrants specified in order to meet the demand. The 1,325 GPM demand can be split between two hydrants. Example: Hydrant #1 flows 825 GPM and Hydrant #2 flows 500 GPM for a total of 1,325 GPM. Note that both hydrants must provide the rated flow condition simultaneously at no less than 20psi residual within the distribution system.

Committee Answer Submitted by,

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Informal Fire Code Interpretation Committee