Riverside County Fire Department



Fire Protection Planning Section

Riverside Office: 4080 Lemon Street, 10th Floor Riverside, CA 92501 Ph. (951) 955-4777 Fax (951) 955-4886 Palm Desert Office: 77-933 Las Montañas Rd., # 201Palm Desert, CA 92211-4131Ph. (760) 863-8886 Fax (760) 863-7072

WATER SYSTEM FLOW TEST

Date: _	Case:	Applicant (Nam	e/Title):
This fo	orm must be submitte	d prior to permit approv	ral from The Riverside County Fire Department
		nis building is determine ection Ordinance 787.	ed using the CFC, Table B 105.1 as adopted by
Hydrar	Static pressure (ma Residual pressures Pitot Reading/ Outl Computed flow (in Date and time of te Water main diamet	et Size: gallons per minute): st: er:	g information:
Average 1 year refilling Peak I The mactual	ge daily demand, or period. Unusual situga a reservoir after cle nourly demand, or taximum daily deman maximum is not knowns.	uations that might have aning, should not be contained the maximum amount down times the normal how times the normal how times the normal how the maximal how the maximum that the maximum	the water system: tal amount of water used each day during a caused an excessive use of water, such as nsidered when this figure is determined. of water used in any given hour of a day. 1.5 times the average daily consumption if the urly rate. Pumps that are not provided with to produce additional fire flow.
holds whose. A uniform mainta 3/4 in. (2 and the less the shall be multiple issues	with reasonable accu Above that, the error n velocity and full flow ins a uniform coeffice 29 or 45 mm). For the e residual pressure s an these values indu e ran as indicated ab e hydrants can not b that inhibit such test	racy for tip sizes up to rate increases beyond w become less valid. At ent over a wide range e most accurate readin hould drop 25% or 15 pce an element of inaccove. This is required foe conducted due to war	ozzle, the use of the Pitot tube method only 1 3/8in. (35mm) supplied from 2 ½-in. (64mm) acceptable limits, as the assumptions of a exception is the Underwriters play pipe that of flows and pressures for tip sizes of 1 1/8 or 1 gs the pitot pressure should be at least 10 psi usi below the static pressure. Pressure drops arracy to the test results, and a second flow test restronger systems where the flowing of er conservation or topographical or distribution ald be conducted in accordance with NFPA 291 ith NFPA 13.
All fir	e flow tests shall	be conducted in co	ordination with the local water purveyor.
Fire flo Name:	ow test company:	Title:	CSLB C-16# Date:
		Title:	Date:
District	t Comments:		