

Fire Hydrant Flow Test Form



Test form to be filled out and returned in PDF format.

Click to _____ in II. Flow Test Data and III. Calculations.

Hover cursor over fields to display ToolTips.

I. Project Information (To be completed by Applicant)	
Name:	Phone:
Company Address:	
Project Name:	
NBU Work Order Numbers:	

TEST #1

II. Flow Test Data (To be completed by Applicant)				
Test Hydrant	NBU FH ID #:	Plan Sheet/Hydrant #:	Private:	
	Location Description:			
	Size and Material of Main:			
	Manufacturer:		OEM Year:	
	Static PSI:	Residual PSI:	% Pressure Drop:	Date and Time:
Flow Hydrant	NBU FH ID #:	Plan Sheet/Hydrant #:	Diameter:	
	Size and Material of Main:			
	Pitot PSI:	Observed Flow (GPM):	Mins Flowed:	Date and Time:
	Total Water Loss:			
Flow Hydrant	NBU FH ID #:	Plan Sheet/Hydrant #:	Diameter:	
	Size and Material of Main:			
	Pitot PSI:	Observed Flow (GPM):	Mins Flowed:	Date and Time:
	Total Water Loss:			

III. Calculations (Auto-populated)	
Residual Flow $Q_r = 29.83 \times c_d \times D^2 \sqrt{P_p \times H_f}$	Fire Flow at 20 PSI $Q_f = Q_r \times \left(\frac{P_s - 20}{P_s - P_r} \right)^{0.54}$
Cd =	Qr =
D =	Ps =
Pp =	Pr =
Hf =	Qf =
Qr =	NFPA 291 Standard Color Code :

IV. Tester/Company Information (To be completed by Applicant)	
Flow Test Conducted by:	Phone:
Business License #:	
Company Address:	
Signature:	Date:

V. NBFDFire Hydrant Flow Requirements (To be completed by Fire Department)		
Print Name:	Title:	Accepted:
Signature:	Date and Time:	



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VI. Sketch (Attach any additional calculations and graphs made by testing company)

Label Hydrant Numbers and Street Names

A large, empty rectangular box with a black border, intended for a sketch or drawing. The box is currently blank.

