DR

DAFIRE

Fire Pump Inspection Report · NFPA 25 Ch. 8

SAMPLE — Eastgate Distribution (fictional building)

Diesel Engine Driver · Annual Test · 10/15/2026 06:17 PM

Findings Detected

The inspection identified one or more deficiencies that should be corrected.

Executive Summary

3 Total Tasks	**3** Answered	**100%** Progress
2 Passed	**1** Failed	**0** N/A

Deficiencies Found	**1**
Impaired	**No**

Client and Inspection Information

Client Name
SAMPLE — Eastgate Distribution (fictional building)

Phone
555-0100

Email
client@example.com

Inspection ID
SAMPLE-PMP-0001

Address
200 Example Avenue, Sioux Falls, SD 57104 (fictional)

Pump Driver
Diesel Engine Driver

Visit Type
Annual Test

Annual Flow Test

PASS

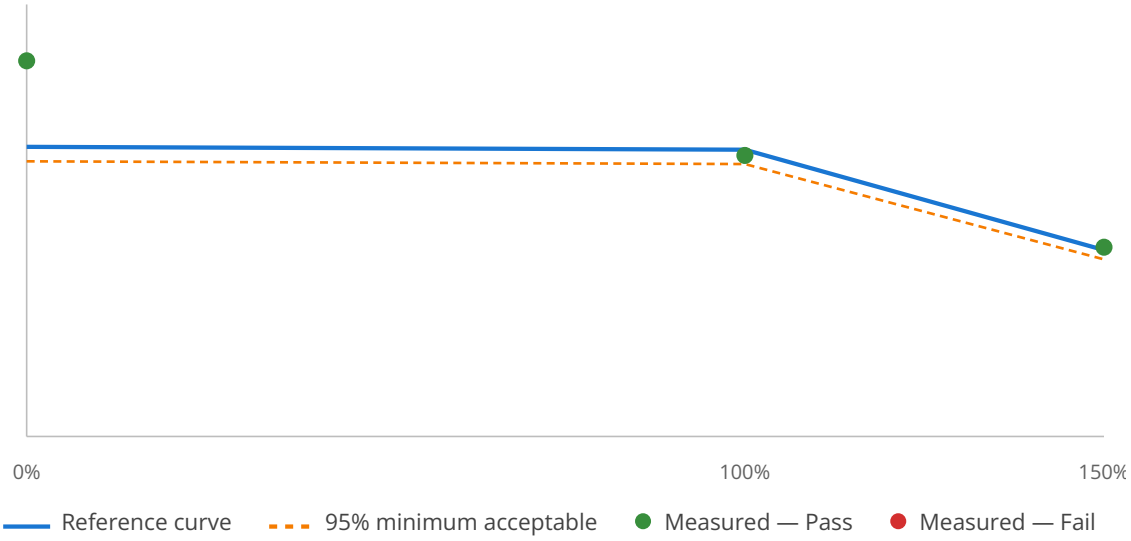
NFPA 25 (latest edition) §8.3.7.2.3 — Rated Flow 1000 GPM @ 100 psi. Evaluated against the nameplate-derived estimated curve: net pressure at each point must be at least 95% of that curve; the pump must reach 100% of rated flow.

Test Point	Expected Flow	Measured	Min Acceptable	Result
Churn (0% Flow)	0 GPM	131.0 psi net	95.9 psi – 140.0 psi	**Pass**
100% Rated Flow	1000 GPM	98.0 psi net @ 1000 GPM	95.0 psi	**Pass**
150% Rated Flow	1500 GPM	66.0 psi net @ 1500 GPM	61.8 psi	**Pass**

Reaches 100% of rated flow: Yes

Pump Performance Curve

Built from the nameplate-derived estimated curve — the dots are the field test readings, plotted against that same curve so any deviation is visible directly, not just stated as a number.



Churn (0% Flow) — why this passed

Measured 131.0 psi vs. minimum 95.9 psi (95% of 101.0 psi from the nameplate-derived estimated curve).

NFPA 25 (latest edition) §8.3.7.2.3(3)(c) — shutoff pressure must fall within the pump's nameplate-derived curve band, built from NFPA 20's required 101%–140% churn range.

100% Rated Flow — why this passed

Measured 98.0 psi vs. minimum 95.0 psi (95% of 100.0 psi from the nameplate-derived estimated curve).

NFPA 25 (latest edition) §8.3.7.2.3(2) — the pump must reach 100% of rated flow — and §8.3.7.2.3(3)(c) — net pressure at that flow must be at least 95% of the nameplate-derived curve.

150% Rated Flow — why this passed

Measured 66.0 psi vs. minimum 61.8 psi (95% of 65.0 psi from the nameplate-derived estimated curve).

NFPA 25 (latest edition) §8.3.7.2.3(3)(c) — net pressure at 150% of rated flow must be at least 95% of 65% of rated pressure, per NFPA 20's required overload minimum.

What Needs Attention

- Suction/discharge gauges functioning — Discharge gauge needle stuck at zero. Recommend replacing the gauge.

Deficiency Log

Item	Section	Severity	Status
Suction/discharge gauges functioning	Visual Inspection	Critical	Open

Critical — Immediate corrective action required. Non-Critical — Should be corrected in a timely manner.

Detailed Task Results

Visual Inspection

1 **Pump house heated and ventilated** — PASS

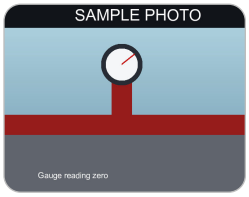
NFPA Ref: NFPA 25 (latest edition) §8.2.2

2 **Suction/discharge gauges functioning** — FAIL

NFPA Ref: NFPA 25 (latest edition) §8.2.2

Notes: Discharge gauge needle stuck at zero. Recommend replacing the gauge.

Evidence Photos



Annual Flow Test

1 **Annual flow test — churn/100%/150%** — PASS

NFPA Ref: NFPA 25 (latest edition) §8.3.7.2.3

Notes: All three points met the acceptance criteria.

Detailed Deficiencies

Suction/discharge gauges functioning

Critical

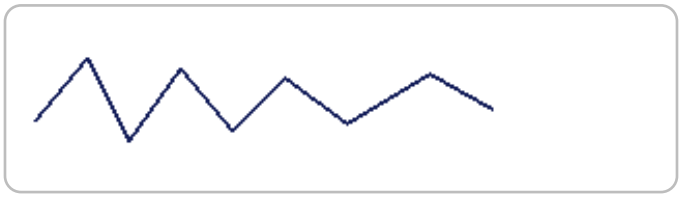
Section: Visual Inspection
NFPA Ref: NFPA 25 (latest edition) §8.2.2

Notes: Discharge gauge needle stuck at zero. Recommend replacing the gauge.

Signatures

Technician

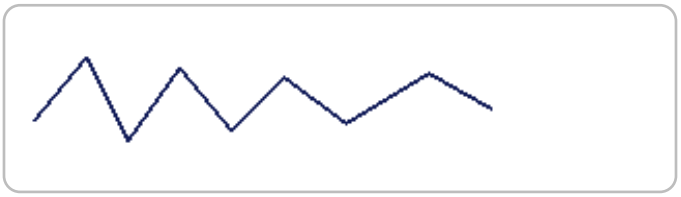
Sample Technician



Signed: 10/15/2026 06:17 PM

Owner / Representative

Sample Owner Representative
Facility Manager



Signed: 10/15/2026 06:17 PM

DR

DAFIRE

Fire Pump Inspection Report · NFPA 25 Ch. 8

SAMPLE — Eastgate Distribution (fictional building)

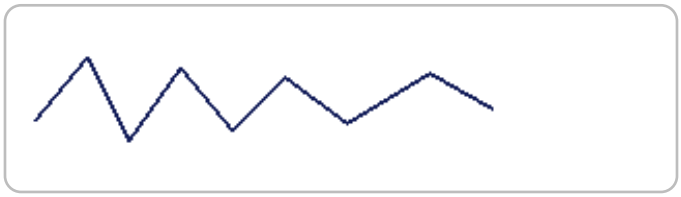
Diesel Engine Driver · Annual Test · 10/15/2026 06:17 PM

Service Quote

Annual Fire Pump Test · NFPA 25 Ch. 8 **$ 350.00**

Technician

Sample Technician

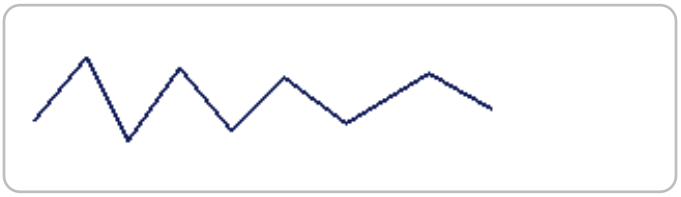


Signed: 10/15/2026 06:17 PM

Owner / Representative

Sample Owner Representative

Facility Manager



Signed: 10/15/2026 06:17 PM