**Hydrant Inspection/Testing**

**Data Requirements**

1. Hydrant identification number
2. Hydrant location, use street names, numbers and intersections as needed
3. Which service level/pressure zone serves the hydrant
4. Number and size of outlets on hydrant

**Inspection/testing Requirements**

1. Remove caps , check treads for damage and ease of operation
2. Lubricate, as needed, per manufacturers recommendations
3. With on or more caps removed from hydrant, open valve stem and free flow hydrant, check for any obvious restrictions or contaminants, close valve stem
4. Open valve stem fully, pressurize hydrant.
5. Check valve stem ease of operation, check hydrant for any water leaks while under pressure
6. Close valve stem fully, remove pressure gauge, check for adequate barrel drainage or check for a vacuum with a gauge if possible
7. Provide for an obstructed and obvious view of hydrant from roadway (cut grass, remove debris, etc. as needed)
8. Paint per local protocols/requirements, as needed

HYDRANT RECORD CARD

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LOCATION | NUMBER | WATERAVAILABLE | GPM AT20 PSI | MAIN SIZE |
| TYPE SIZE LATERAL 2-WAY \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3-WAY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ LATERAL GATES YES \_\_\_\_\_\_\_\_ NO \_\_\_\_\_\_\_\_  |
| HEIGHT FROMGROUND 2 ½” OUTLETS |
| **INSPECTED** |  | **PRESSURES** |  |
| DATE | TIME | BY WHOM | CONDITION | OUT OF SERVICE | IN SERVICE | STATIC | RESI. | FLOWING | REMARKS |
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HYDRANT INSPECTION

**Frequency:**

Inspections include pressure tested, flushed, caps lubricated, etc. Department must document the inspection Department will provide 3 most recent years of hydrant inspection records

 Frequency of Inspection Points

 1 year 30

 2 years 20

 3 years 10

 4 years 5

 5 years or more No Credit

**Condition:**

1. Standard condition (no leaks, open easily, good ground clearance, not damaged in any way, conspicuous and well located for use by a Engine)

HYDRANT FLOW TESTING INSPECTION

Frequency of Flow Testing Points Points w/Marking Program

 5 year 40 50

 6 years 30 37.5

 7 years 20 25

 8 years 10 12.5

 9 years 5 6.25

 10 years or more No Credit No Credit

To obtain credit for Fire Flow Testing a 2 hydrant test must be conducted.

**Flow Hydrant**

**Static and Residual Hydrant**