



Non-Return Valve (Check Valve) Maintenance Checklist

8 planned preventive maintenance tasks · Free PDF from PM Assist

A practical starting point for planned preventive maintenance. Always refer to the manufacturer's O&M manual and site-specific requirements.

Visual Checks

- ☐ Inspect the valve body for leaks
- ☐ Check the valve is installed in the correct flow direction
- ☐ Open and inspect the valve internals where accessible (swing check valves)
- ☐ Check the hinge pin, disc, and seat for wear or corrosion

Functional Checks

- ☐ Verify the valve prevents backflow when flow stops
- ☐ Listen for chattering or banging during normal operation (indicates problems)
- ☐ Verify the valve is not seized open or closed

Record Keeping

- ☐ Record valve condition and any maintenance performed

Maintenance Frequency

Quarterly

- Listen for chattering or banging during normal operation
- Check for leaks at high-criticality locations (pump discharge, boiler connections)

Annually

- Functional check of backflow prevention
- Internal inspection where accessible
- Verify correct flow direction marking