

# Control Loop Performance Report

DAILY

Report Name:	Test NaN Fix Report
Generated:	Oct 9, 2025, 7:37 AM
Period Start:	Oct 8, 2025, 7:37 AM
Period End:	Oct 9, 2025, 7:37 AM

15

Total Loops

0%

Avg Performance

0%

Health Score

## Executive Summary

Metric	Value	Status
Total Loops Analyzed	15	—
Average Service Factor	0.0%	' Poor
Average Performance Index	0.0%	' Poor
Average RPI	0.0%	' Poor
Loops with Issues	0	' None
Overall System Health	0%	& Needs Attention

### Key Findings

- 15 control loops were analyzed during this reporting period
- 0 loops require attention
- System health is at 0% - Improvement recommended

# Loop Performance Details

## 1. Concentration Control Loop

Loop ID: Concentration Control Loop  
Concentration control - normal

PV: CONC\_PV\_01 | OP: CONC\_OP\_01 | SP: CONC\_SP\_01

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

## 2. Density Control Loop

Loop ID: Density Control Loop  
Density control - normal operation

PV: DENSITY\_PV\_01 | OP: DENSITY\_OP\_01 | SP: DENSITY\_SP\_01

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

## 3. Flow Control Loop 2

Loop ID: Flow Control Loop 2  
Flow control with oscillation problems

PV: FLOW\_PV\_02 | OP: FLOW\_OP\_02 | SP: FLOW\_SP\_02

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

### 4. Level Control Loop 1

Loop ID: Level Control Loop 1  
Tank level control with stiction issues

PV: LEVEL\_PV\_01 | OP: LEVEL\_OP\_01 | SP: LEVEL\_SP\_01

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

### 5. Pressure Control Loop 2

Loop ID: Pressure Control Loop 2  
High pressure control - normal operation

PV: PRESS\_PV\_02 | OP: PRESS\_OP\_02 | SP: PRESS\_SP\_02

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

### 6. Speed Control Loop

Loop ID: Speed Control Loop  
Motor speed control with oscillation

PV: SPEED\_PV\_01 | OP: SPEED\_OP\_01 | SP: SPEED\_SP\_01

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

### 7. Temperature Control Loop 2

Loop ID: Temperature Control Loop 2  
Reactor temperature with stiction

PV: TEMP\_PV\_02 | OP: TEMP\_OP\_02 | SP: TEMP\_SP\_02

Service Factor: <b>N/A</b>	RPI: <b>N/A</b>	Stiction: <b>N/A</b>
Performance Index: <b>N/A</b>	Oscillation: <b>N/A</b>	

28 data points

### 8. Temperature Control Loop TIC208030

Loop ID: TIC208030  
Temperature control loop for process unit

PV: TIC208030.PV | OP: TIC208030.OP | SP: TIC208030.SP

Service Factor: NaN%	RPI: NaN%	Stiction: NaN
Performance Index: NaN%	Oscillation: NaN	

28 data points

### 9. Temperature Control Loop TIC208031

Loop ID: TIC208031  
Temperature control loop for process unit

PV: TIC208031.PV | OP: TIC208031.OP | SP: TIC208031.SP

Service Factor: NaN%	RPI: NaN%	Stiction: NaN
Performance Index: NaN%	Oscillation: NaN	

28 data points

### 10. Temperature Control Loop TIC208032

Loop ID: TIC208032  
Temperature control loop for process unit

PV: TIC208032.PV | OP: TIC208032.OP | SP: TIC208032.SP

Service Factor: NaN%	RPI: NaN%	Stiction: NaN
Performance Index: NaN%	Oscillation: NaN	

28 data points

### 11. Temperature Control Loop TIC208033

Loop ID: TIC208033  
Temperature control loop for process unit

PV: TIC208033.PV | OP: TIC208033.OP | SP: TIC208033.SP

Service Factor: NaN%	RPI: NaN%	Stiction: NaN
Performance Index: NaN%	Oscillation: NaN	

28 data points

## 12. Temperature Control Loop TIC208034

Loop ID: TIC208034  
Temperature control loop for process unit

PV: TIC208034.PV | OP: TIC208034.OP | SP: TIC208034.SP

Service Factor: NaN%	RPI: NaN%	Stiction: NaN
Performance Index: NaN%	Oscillation: NaN	

28 data points

## 13. Torque Control Loop

Loop ID: Torque Control Loop  
Torque control - normal operation

PV: TORQUE\_PV\_01 | OP: TORQUE\_OP\_01 | SP: TORQUE\_SP\_01

Service Factor: N/A	RPI: N/A	Stiction: N/A
Performance Index: N/A	Oscillation: N/A	

28 data points

## 14. Viscosity Control Loop

Loop ID: Viscosity Control Loop  
Viscosity control with stiction

PV: VISCOSITY\_PV\_01 | OP: VISCOSITY\_OP\_01 | SP: VISCOSITY\_SP\_01

Service Factor: N/A	RPI: N/A	Stiction: N/A
Performance Index: N/A	Oscillation: N/A	

28 data points

## 15. pH Control Loop

Loop ID: pH Control Loop  
pH control with oscillation

PV: PH\_PV\_01 | OP: PH\_OP\_01 | SP: PH\_SP\_01

Service Factor: N/A	RPI: N/A	Stiction: N/A
Performance Index: N/A	Oscillation: N/A	

28 data points





















