



Tag: 42FIT4025  
Location: P141 Process Area, Lower Deck, Section 41  
System: 42 Chemical injection systems  
Maintenance plan: REP Repairs collector  
Resp. department: Instr. land  
Event: EV0000046996 Tuning of PID Controller  
Remarks: 2024.04.03 14:44:38: Tormod Stautland Stokka  
PID Controller til 42FIT4025 tunet.  
Før --> Etter  
Kc (Gain): 0.5 --> 0.38213  
Ti (Integral tid): 100 --> 15 sek

Finish all steps ☒

Testet OK.

Damping på 20 sek på SAS er fjernet pga det er 10 sek damping på instrumentet.

## Comments:



## Repair activity

Task finished:



Tuning of PID controllers A/B on SAS for 42FIT4025.

Both pumps A/B will be performance tested and optimized.

The system will be tested for deviations, over/under damping effects and general errors.

All concerning tags referenced to the P&amp;ID.

-Perform step response testing, calculations and parameterization.

-Test and implement.

## Qualifications

Name	Qualification	Min. manpower	Planned time	Assignend persons
QR01		1	4 h	
42FIT4025	pH Stabiliser 42PD054A/B >> P141		4.0 h	WO0000667339 Finished: <input checked="" type="checkbox"/>

Platform

GJOA

Tag

42FIT4025

Workpackage

Company

Vår Energi

Equipment

WO0000667339 (Tuning of PID Controller)