



Work order report

Tag: 42FIT4011
Location: P141 Process Area, Lower Deck, Section 41
System: 42 Chemical injection systems
Maintenance plan: REP Repairs collector
Resp. department: Instr. land
Event: EV0000046993 Tuning of PID Controller
Remarks: 2024.04.03 15:52:23: Tormod Stautland Stokka
PID Controller til 42FIT4011 tunet.
Før --> Etter
Kc (Gain): 0.5 --> 1.75
Ti (Integral tid): 100 --> 29 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 42FIT4011.

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&ID.

-Perform step response testing, calculations and parameterization.

-Test and implement.

Qualifications

Name	Qualification	Min. manpower	Planned time	Assignend persons
QR01		1	4 h	
42FIT4011	Demulsifier 42PD009A/B >> P141		4.0 h	WO0000667342 Finished: <input checked="" type="checkbox"/>

Platform

GJOA

Tag

42FIT4011

Workpackage

Company

Vår Energi

Equipment

WO0000667342 (Tuning of PID Controller)