

Work order report

Tag:42FIT4023

Location:P141 Process Area, Lower Deck, Section 41

System:42 Chemical injection systems

Maintenance plan:REP Repairs collector

Resp. department:Instr. land

Event:EVO000046995 Tuning of PID Controller

Remarks:2024.04.03 14:47:13: Tormod Stautland Stokka

PID Controller til 42FIT4023 tunet.

Før --> Etter

Kc (Gain): 0.5 --> 2.6413


Ti (Integral tid): 100 --> 38 sek

Testet OK.

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

Finish all steps

Comments:



Repair activity

Task finished:

Tuning of PID controllers A/B on SAS for 42FIT4023..

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	
42FIT4023	Corrosion Inhibitor 42PD015A/B >> P141			4.0 h WO0000667340 Finished:

Platform	GJOA	Tag	42FIT4023	Workpackage
Company	Vår Energi	Equipment		WO0000667340 (Tuning of PID Controller)