



MAINTENANCE TRACKING TOOL

PETTRACE800

Date:2023-06-06

Country: France	Site: MRS
Intervention:	Single intervention <input checked="" type="checkbox"/>
Subsystems:	Pre-Maintenance <input checked="" type="checkbox"/>
	Vacuum <input checked="" type="checkbox"/>

PRE-MAINTENANCE

Registration Date: 2023-06-0600

Gas flow(sccm): 23.0

TPG Settings Verifications

	Low limit (x10-)	High limit (x10-)
Piranni 1 (TPG300 A1):	0.00E+0	0.00E+0
Piranni 2 (TPG300 A2):	0.00E+0	0.00E+0
Penning:	0.00E+0	0.00E+0

Notes

--

Gauge number	Pressure (x10-) without gas	Pressure (x10-) with gas
A1 (mbar):	43343	55
A2 Under Range:		
A2:		66
B1 (mbar):	444	7

System software

Subsystem	Version
Master:	10
ACS:	01
Service System:	23
Manager:	25
Informix (only applicable to SUN-Master Station):	89

Comments

Paper Burn Before PM



VACUUM

TPG settings verifications

Date: 2023-06-06

Production gas flow:

Piranni 1 (TPG300 A1)

Pressure with gas	Low limit (x10-)	High limit
1.00E+0	3.00E+0	1.00E+0

Piranni 2 (TPG300 A2)

Under range	Pressure with gas	Low limit	High limit
<input checked="" type="checkbox"/>	0.00E+0	8.00E+0	9.00E+0

Penning

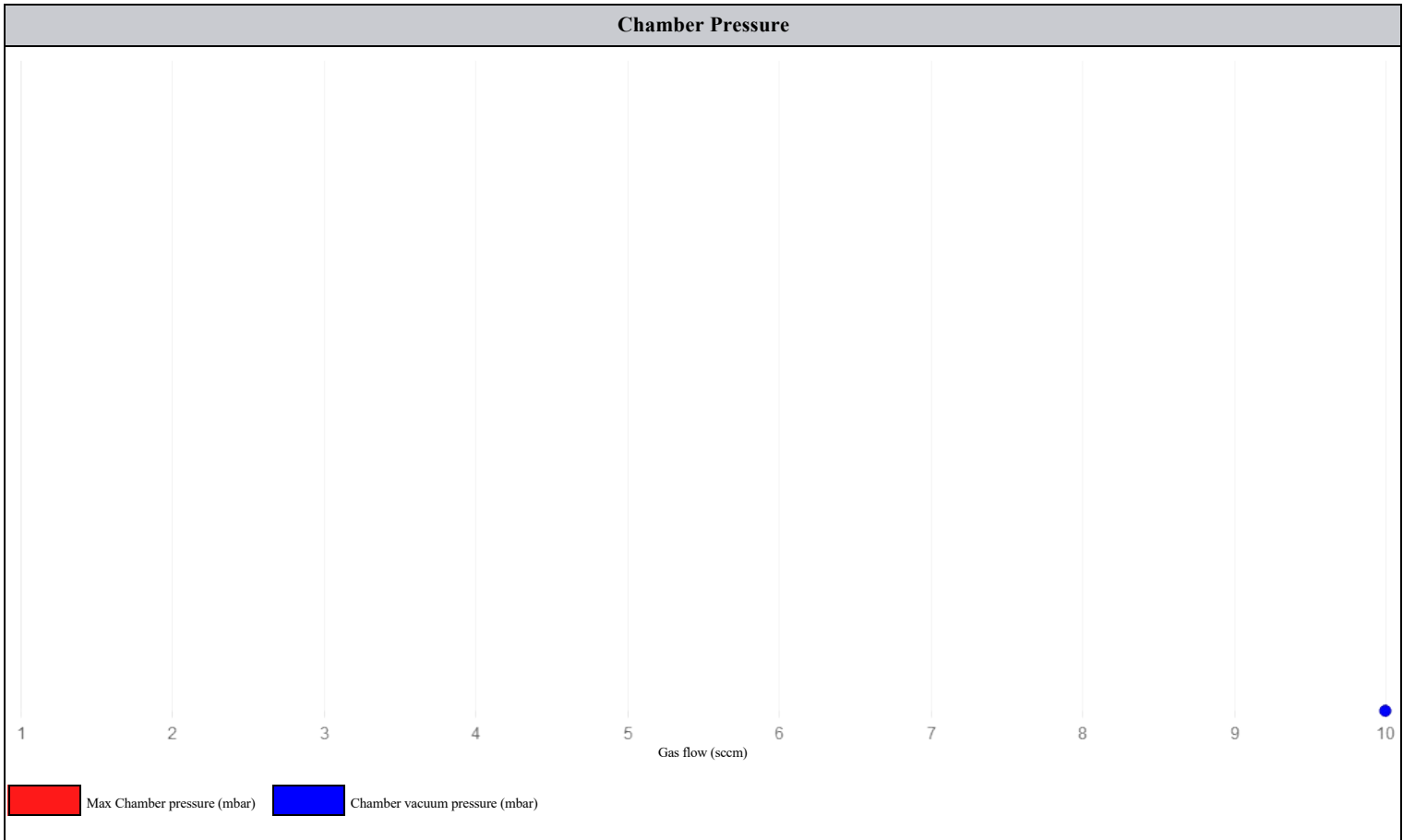
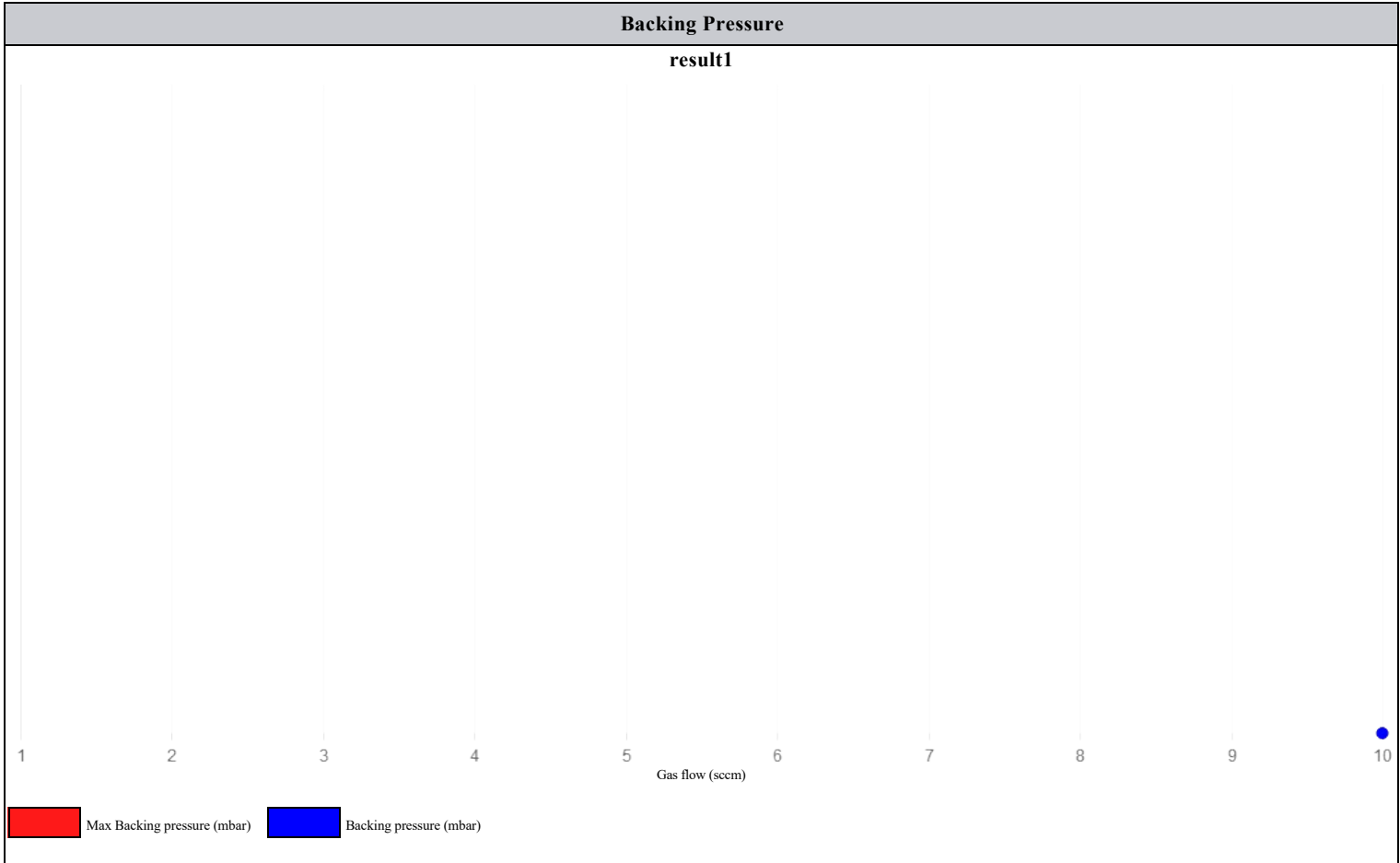
Pressure with gas	Low limit	High limit
3.33E+2	1.00E+0	2.00E+0

Notes

--

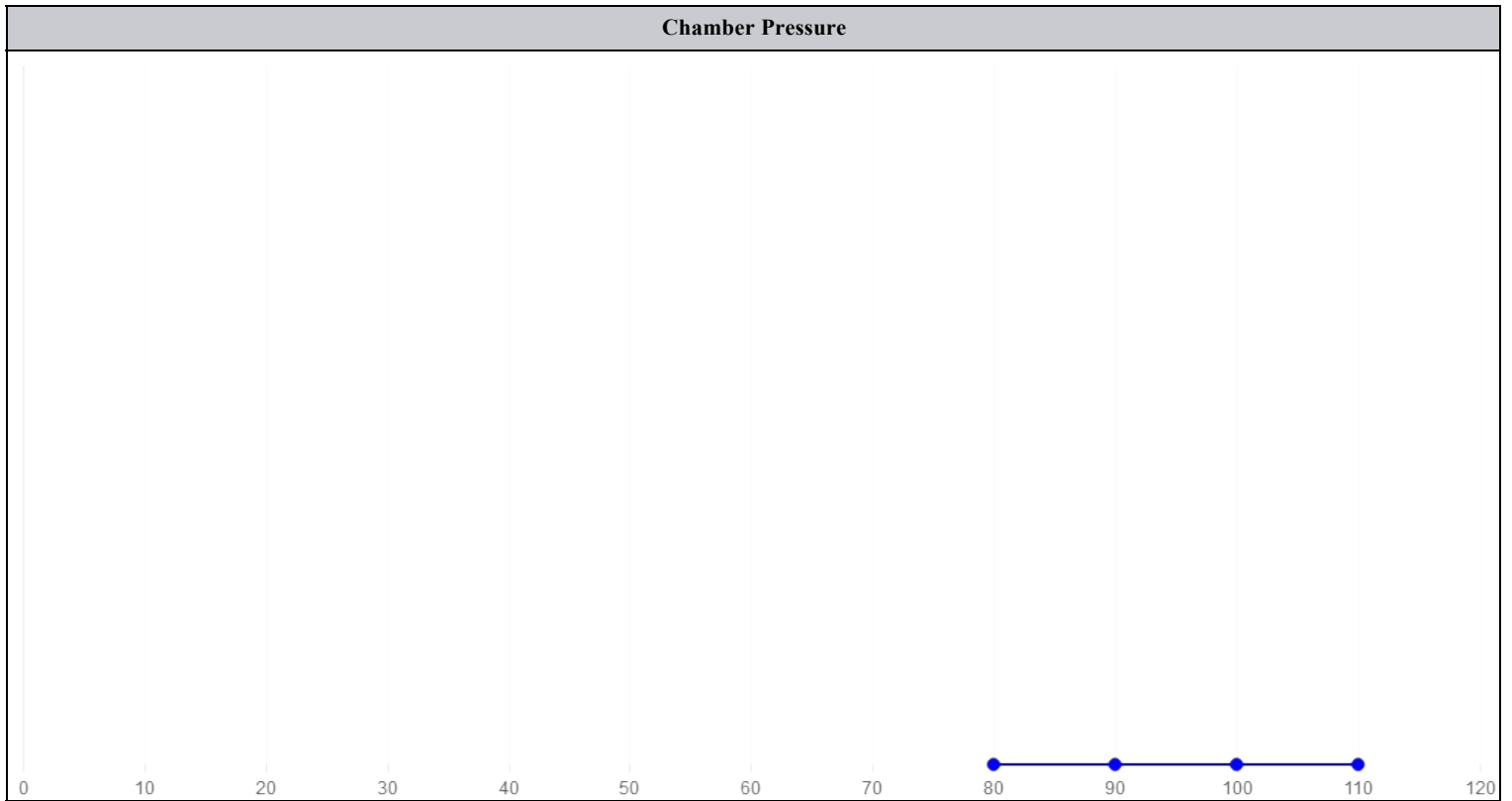
Vacuum MFC curve test

SCCM	Chamber pressure	Backing pressure
1	4.00E+0	5.00E+0
3	0.00E+0	6.00E+0
3	6.00E+0	6.00E+0
4	8.00E+0	8.00E+0
4	4.50E+1	4.00E+0
5	0.00E+0	8.00E+0
6	7.70E+1	6.00E+0
7	7.70E+1	7.70E+1
7	0.00E+0	5.00E+0
7	0.00E+0	8.00E+0



Vacuum leak test

Seconds since push standby	Chamber pressure	Max. Chamber pressure
20	3.00E+0	1.50E-06
20	4.00E+0	1.50E-06
20	4.00E+0	1.50E-06
30	5.00E+0	1.90E-06
40	6.00E+0	2.30E-06
60	4.50E+1	3.00E-06
70	5.00E+0	3.30E-06
70	6.00E+0	3.30E-06
70	6.00E+0	3.30E-06
70	5.50E+1	3.30E-06
80	1.10E+1	3.60E-06
80	4.40E+1	3.60E-06



Diffusion pump & HVV timing

TimeInto	HeatingTime	PumpingTimeBeforeOpenHVV	TimeToOpenHVV
Heating oil	2.0		

TimeInto	HeatingTime	PumpingTimeBeforeOpenHVV	TimeToOpenHVV
Pump		3.0	

TimeInto	HeatingTime	PumpingTimeBeforeOpenHVV	TimeToOpenHVV
Open HVV			5.0

RP & DP pump oil condition

Date last rotary oil change: 2023-06-06

Roughing pump oil mist filter cleaned	Roughing pump oil is in good color and condition
✓	✓

Last DP maintenance: 2023-06-06

DP oil is in good color and condition	
	✓

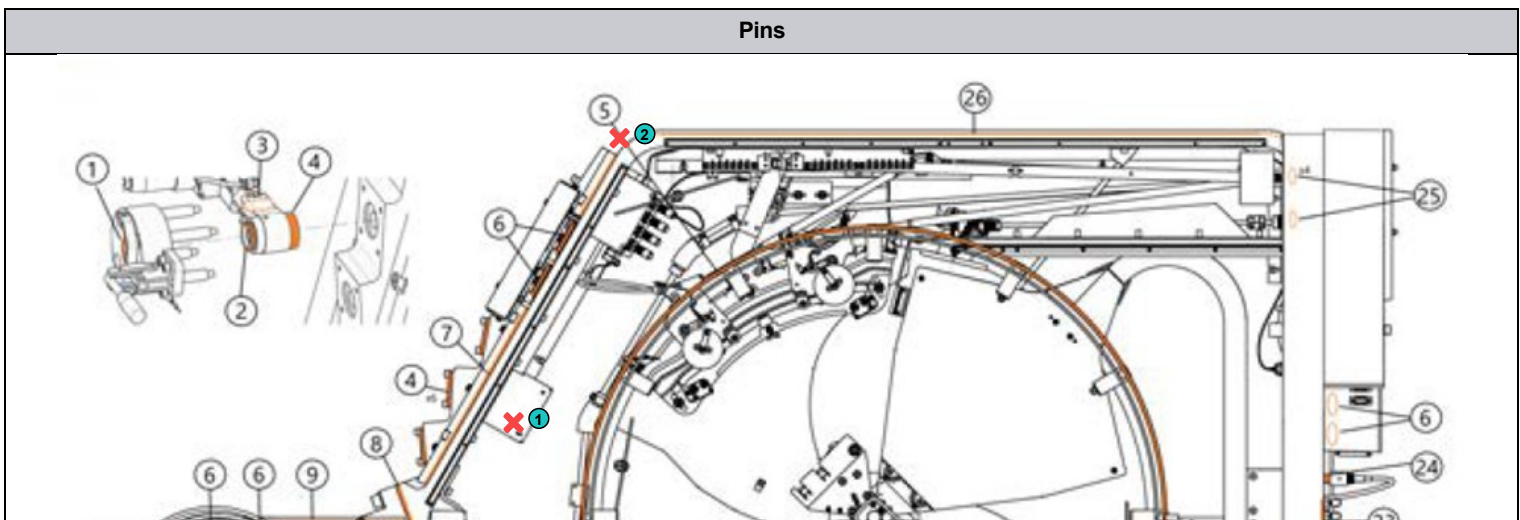
RP Photos
There is not photographic evidence

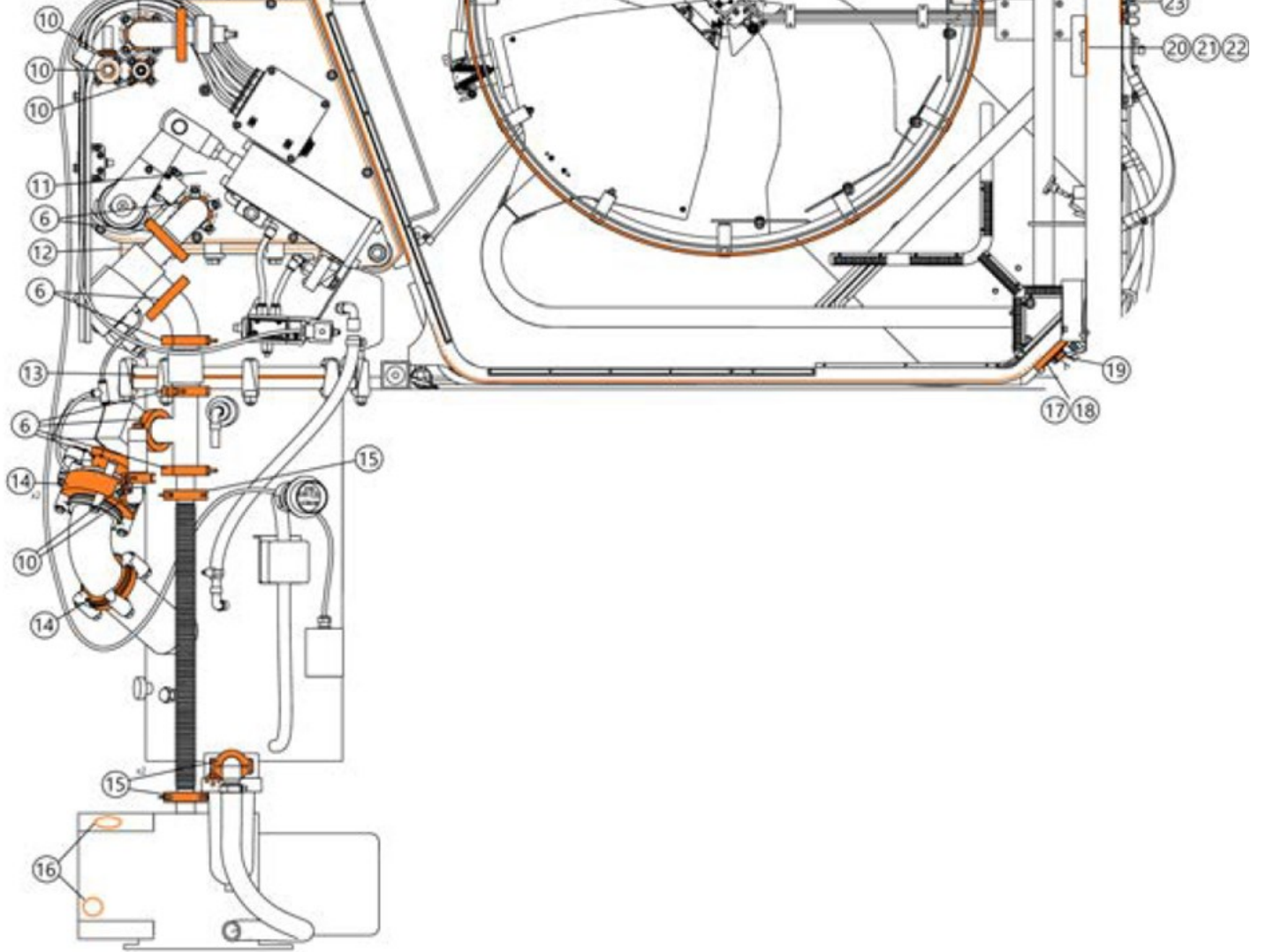
Photos
There is not photographic evidence

Notes

--

PETtrace800 O-Rings analysis





Pins Data

Pin 1			
Name the O-Ring	Name and Info of the O-Ring		Name the O-Ring
	Name of O- Ring	Parameter	
			33
Explain The Intervention			
prueba			
Photos			
Image_pin_1.jpg			

Pin 2			
Name the O-Ring	Name and Info of the O-Ring		Name the O-Ring
	Name of O- Ring	Parameter	
			pin 5
Explain The Intervention			
prueba2			
Photos			
Image_pin_2.jpg			

Beam Conditioning

Photo name	Add Comment
Image_1.jpg	

