

		Proiect montaj si legaturi conducte pompa 06-NP1 HPM Instalatia HPM Specificatie tehnica. Manometre / Technical specification. Pressure gauges	07.2025	Despa Adrian	Damoc Lavinia
			Data/ Date	Intocmit/ Designer	Verificat/ Checked
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**Specificatie tehnica. Manometre /
Tecnical specification. Pressure gauges**

04				
03				
02				
01				
00	Aprobat pentru construire	07.2025	Despa A.	Damoc L.
Rev/Rev.	Denumirea modificarii/Change description	Data/Date	Intocmit/Designer	Verificat/Checked
S.C. OPTIMATIC SOLUTIONS S.R.L. www.optimaticsolutions.ro office@optimaticsolutions.ro ROMANIA, Ploiesti, Bobalna street, no 62B	S.C. PETROTEL LUKOIL S.A. ROMANIA, Ploiesti, Str. Mihai Bravu, nr.235	Nr. contract / Contract no.	Nr. desen / Drawing no.	Rev/Rev
		335/2024	335-A-0004.24	0
Beneficiar/Customer: S.C. PETROTEL – LUKOIL S.A.			Specialitate doc./Specialty doc.	F
Instalatia/Plant: HPM			AUTOMATIZARI	A4
Scara/Scale	Denumire document/Document name			
-	Specificatie tehnica. Manometre / Technical specification. Pressure gauges			

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Simbol / Symbol: conform tabel de mai jos / see below table;

Cantitate / Quantity: conform tabel de mai jos / see below table;

Prodicator / Supplier: ulterior / later;

Model / Model: ulterior / later;

Destinatie / Service: conform tabel de mai jos / see below table.

Caracteristici tehnice / Technical Characteristics:

- Tip / Type: Bourdon
- Protectie / Protection: Minim IP65
- Carcasa / Housing: metalica / metallic
- Fluid de umplere / Filling fluid: glicerina / glycerin
- Diametru cadran / Dial diameter: 160 mm
- Cadran Dial: alb, cu scris negru / white, black engraved
- Conexiune la proces / Process connection: 1/2" NPT M
- Material corp/ pirghii / Body material/leverage: ASME 316SS
- Material parti udate / Material wetted parts: ASME 316SS (NACE)
- Domeniu / Ranga: vezi mai jos / see below
- Constructie conform Directiva ATEX 2014/34/EU // Construction acc. to ATEX Directive 2014/34/EU: Adecvat pentru Zona 1 (2G) IIC T6 (EPL Gb), / Suitable for Zone 1 (2G) IIC T6 (EPL Gb)

Tabel 1 / Table 1

Nr. Crt. / No.Crt.	Simbol / Symbol	Domeniu / Range (bar g)	Conexiunea la proces / Process connection	Fluid / Fluid	Presiunea de operare/ Operating pressure (bar g)	Temperatura de operare/ Operating temperature (°C)	Presiunea de design/ Design pressure (bar g)	Temperatura de design/ Design temperature (°C)	Destinatie / Service	Note / Notes
1	06-PI- 106.N1	0 ÷ 160	1/2"NPTM	Motorina / Gasoil	100,7 ÷ 115,9	80	129	-29 ÷ +100	Refularea pompei 06-NP1 / Discharge pump 06-NP1	1

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DRMU7-2030-14.08.25

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Nr. Crt. / No.Crt.	Simbol / Symbol	Domeniu / Range (bar g)	Conexiunea la proces / Process connection	Fluid / Fluid	Presiunea de operare/ Operating pressure (bar g)	Temperature de operare/ Operating temperature (°C)	Presiunea de design/ Design pressure (bar g)	Temperature de design/ Design temperature (°C)	Destinatie / Service	Note / Notes
2	06-PI-106.N2	0 ÷ 4	½"NPTM	Motorina / Gasoil	2	60	6	-29 ÷ +100	Aspiratia pompei 06-NP1 / Suction pump 06-NP1	1
3	06-PI-106.N3	0 ÷ 160	½"NPTM	Motorina / Gasoil	100,7 ÷ 115,9	80	129	-29 ÷ +100	Iesire de la supapa automata de recirculare pompa 06-NP1 / Outlet from Automatic recirculation valve on pump 06-NP1	1

Nota 1: Manometrele de mai sus vor fi livrate, in complet cu robinet cu 2 cai si dop de scurgere, conexiuni la proces si instrument ½" NPTF, scurgere ¼" NPTF, material ASME 316SS (NACE), clasa de presiune: 6000PSIG (a se vedea fig. 1 de mai jos).



Fig. 1 Robinet cu 2 cai si dop de scurgere / Fig. 1 2-way valve and drain plug

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Conditii climaterice exterior (declarate de Lukoil) / **Outdoor climateric conditions** (declared by Lukoil) :

Temperatura ambianta min/ max de proiectare:/ Design ambient temperature min/max: -29 / +45,5 ° C

Umiditate relativa / Relative humidity: 90% (pentru cea mai rece zi / for the coldest day) si 66% (pentru cea mai calduroasa zi / for the hottest day)

Altitudine / Altitude: max. 500m

Certificare (inclusiv NACE), marcare, documentatie / Certification (including NACE), marking, documentation:

A se vedea cerintele din documentul / See requirements according document :

Date si documente solicitate de la ofertant/contractor. Manometre / Technical Data Requested from Bidder / Supplier.

Pressure gauges, document nr. / document no. 382-A-0003.20.



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