

Tabel centralizator breviar de calcul

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| 00 | 10.2022 | Emis pentru comentarii | DURSINA I. | STAN C. | DURSINA I. | STAN C. |
| Rev. | Data | Descriere | Intocmit | Verificat | Sef proiect | Aprobat |
|  S.C. CONPET S.A. | | Tabel centralizator breviar de calcul | | | | |
| | | Doc. No.: | PR1214-ME02-00 | | Rev.: | 00 |
|  S.C. TEAM OIL S.R.L | | Project title: | | | Proiect no.: | Pag no.: |
| | | RELOCAREA OBIECTIVELOR CONPET CA URMARE A MODERNIZARII DEPOZITULUI DE TRATARE A TITEIULUI SATUC APARTINAND OMV PETROM | | | Pr. 1214/2019 | 1 of 3 |

[illegible]

TABEL CENTRALIZATOR CALCULE

| CARACTERISTICI TEHNICE CONDUCTE | | | | | | | | | | CALCULUL DE DIMENSIONARE LA PRESIUNE INTERIOARA | | | | | | | | | | | | | | CALCULUL PRESIUNII DE INCERCARE HIDRAULICA | | | | | | | CALCULUL DE VERIFICARE A TENSIUNII EFECTIVE | | | | | |
|---------------------------------|-------------------|----------|----------|-------|---------|------|----------------|------------------|---------------------------|-------------------------------------------------------------|--------------------------------|----------------------------------------------------|--------------------------------|---------|---------|------|------|------|------|------|----------------|----------------|-------|--------------------------------------------|-------------------|---------------------------------|-------------------------|---------------------|---------------------|-----------------------|---------------------------------------------|-------------------------------------|--------------------------------|----------------|---------------------------------|-------------------------------------------|
| Nr. crt. | Denumire conducta | Diametru | MATERIAL | Pc=ps | Pc | Dn | D ₀ | t _{max} | t _{max} -Operare | t ₁ =t _{max} 20% =t _{proba} | R ₁₀₂ ¹¹ | t ₂ =t _{calcul} =TS /design | R ₁₀₂ ¹² | Rm | f | z | e | C0 | C1 | C2 | e ₁ | e ₂ | PS/DN | FLUID PROBA | f _{test} | R _{test} ¹¹ | 0,95R _e e | P _{test} A | P _{test} B | P _{test} max | P _{test} Clasico inducta | P _{test} verificat e | P _{test} verificat | e ₂ | t _{test} ¹² | t _{test} 0,95R _e e |
| | | | | [bar] | [N/mm2] | [mm] | [mm] | [mm] | [°C] | [°C] | [N/mm²] | [°C] | [N/mm²] | [N/mm²] | [N/mm²] | [mm] | [mm] | [mm] | [mm] | [mm] | [N/mm²] | [N/mm²] | | | [N/mm²] | [bar] | [bar] | [bar] | [bar] | [bar] | [N/mm²] | [mm] | [N/mm²] | | | |
| 1 | 200-TC-01-j-IE | 200 | P265NL | 16 | 1.6 | 200 | 219.1 | 8 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 1.02 | 3 | 1.00 | 0 | 5.02 | 8 | 3200 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 1.47 | 170.83 | Conditie verificata |
| 2 | 150-TC-02-j-IE/PE | 150 | P265NL | 16 | 1.6 | 150 | 168.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.78 | 3 | 0.89 | 0 | 4.67 | 7.1 | 2400 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 1.13 | 170.83 | Conditie verificata |
| 3 | 100-TC-03-j-IE | 100 | P265NL | 16 | 1.6 | 100 | 114.3 | 7.1 | 55 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.53 | 3 | 0.89 | 0 | 4.42 | 7.1 | 1600 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.76 | 170.83 | Conditie verificata |
| 4 | 150-TC-04-j-IE | 150 | P265NL | 16 | 1.6 | 150 | 168.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.78 | 3 | 0.89 | 0 | 4.67 | 7.1 | 2400 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 1.13 | 170.83 | Conditie verificata |
| 5 | 150-TC-05-j-IE | 150 | P265NL | 16 | 1.6 | 150 | 168.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.78 | 3 | 0.89 | 0 | 4.67 | 7.1 | 2400 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 1.13 | 170.83 | Conditie verificata |
| 6 | 100-TC-06-a-IE | 100 | P265NL | 40 | 4 | 100 | 114.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 1.32 | 3 | 0.89 | 0 | 5.21 | 7.1 | 4000 | APA | 5.72 | 265 | 251.75 | 1.06 | 57.2 | 58 | 40 | 58 | 5.8 | 1.91 | 170.83 | Conditie verificata |
| 7 | 100-TC-07-a-IE | 100 | P265NL | 40 | 4 | 100 | 114.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 1.32 | 3 | 0.89 | 0 | 5.21 | 7.1 | 4000 | APA | 5.72 | 265 | 251.75 | 1.06 | 57.2 | 58 | 40 | 58 | 5.8 | 1.91 | 170.83 | Conditie verificata |
| 8 | 150-TC-08-a-IE/PE | 150 | P265NL | 40 | 4 | 150 | 168.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 1.95 | 3 | 0.89 | 0 | 5.84 | 7.1 | 6000 | APA | 5.72 | 265 | 251.75 | 1.06 | 57.2 | 58 | 40 | 58 | 5.8 | 2.81 | 170.83 | Conditie verificata |
| 9 | 100-TC-09-a-IE/PE | 100 | P265NL | 40 | 4 | 100 | 114.3 | 7.1 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 1.32 | 3 | 0.89 | 0 | 5.21 | 7.1 | 4000 | APA | 5.72 | 265 | 251.75 | 1.06 | 57.2 | 58 | 40 | 58 | 5.8 | 1.91 | 170.83 | Conditie verificata |
| 10 | 20-DR-10-j-VP | 25 | P265NL | 16 | 1.6 | 20 | 33.7 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.16 | 3 | 0.63 | 0 | 3.78 | 5 | 320 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.23 | 170.83 | Conditie verificata |
| 11 | 25-DR-11-j-VP | 25 | P265NL | 16 | 1.6 | 25 | 33.7 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.16 | 3 | 0.63 | 0 | 3.78 | 5 | 400 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.23 | 170.83 | Conditie verificata |
| 12 | 25-DR-12-j-VP | 25 | P265NL | 40 | 4 | 25 | 33.7 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.39 | 3 | 0.63 | 0 | 4.01 | 5 | 1000 | APA | 5.72 | 265 | 251.75 | 1.06 | 57.2 | 58 | 40 | 58 | 5.8 | 0.56 | 170.83 | Conditie verificata |
| 13 | 20-DR-13-j-VP | 20 | P265NL | 16 | 1.6 | 20 | 21.3 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.10 | 3 | 0.63 | 0 | 3.72 | 5 | 320 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.14 | 170.83 | Conditie verificata |
| 14 | 25-DR-14-j-VP | 25 | P265NL | 16 | 1.6 | 25 | 33.7 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.16 | 3 | 0.63 | 0 | 3.78 | 5 | 400 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.23 | 170.83 | Conditie verificata |
| 15 | 25-DR-15-j-VP | 25 | P265NL | 40 | 4 | 25 | 33.7 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.39 | 3 | 0.63 | 0 | 4.01 | 5 | 1000 | APA | 5.72 | 265 | 251.75 | 1.06 | 57.2 | 58 | 40 | 58 | 5.8 | 0.56 | 170.83 | Conditie verificata |
| 16 | 25-DR-16-j-VP | 25 | P265NL | 16 | 1.6 | 25 | 33.7 | 5 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.16 | 3 | 0.63 | 0 | 3.78 | 5 | 400 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.23 | 170.83 | Conditie verificata |
| 17 | 50-DR-17-j-VP | 50 | P265NL | 16 | 1.6 | 50 | 60.3 | 5.6 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.28 | 3 | 0.70 | 0 | 3.98 | 5.6 | 800 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.40 | 170.83 | Conditie verificata |
| 18 | 80-DR-18-j-VP | 80 | P265NL | 16 | 1.6 | 80 | 88.9 | 5.6 | 65 | 25 | 265 | 65 | 265 | 410 | 170.83 | 1 | 0.41 | 3 | 0.70 | 0 | 4.11 | 5.6 | 1280 | APA | 2.29 | 265 | 251.75 | 0.17 | 22.88 | 23 | 16 | 23 | 2.3 | 0.59 | 170.83 | Conditie verificata |