


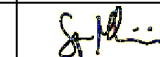
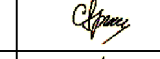
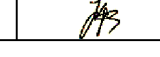


**CLIENT / CLIENT**      **C.N.C.F. "C.F.R." - S.A.**

**CONSULTANT / CONSULTANT**

| Faza Phase          | Positia Position                   | Nume Name        | Data Date | Semnatura Signature   |
|---------------------|------------------------------------|------------------|-----------|---|
| Aprobat Approved    | Manager de Proiect Project Manager | Sergio MENICHINI | 05.2020   |  |
| Verificat Checked   | Expert Cheie Key Expert            | Cristina Spack   | 05.2020   |  |
| Intocmit Elaborated | Proiectant Designer                | Mihaela Jigau    | 05.2020   |  |

**SUBCONSULTANT / SUBCONSULTANT**

|                     |   |  |  |  |
|---------------------|---|--|--|--|
| Aprobat Approved    | Responsabil Subconsultant Subconsultant Responsible |  |  |  |
| Intocmit Elaborated | Proiectant Designer                                 |  |  |  |

Proiect/Project

74 / 2018

Faza/Phase

S.F.

**Denumire / Title :**

Substația de tracțiune VALEA CERNEI/VALEA CERNEI traction substation  
 Schema electrică monofază Electrical diagram

**Codificare / Codification System**

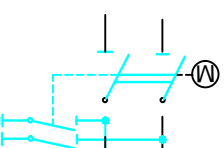
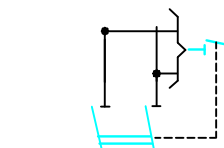
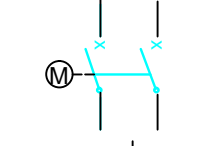
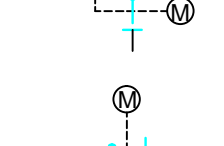
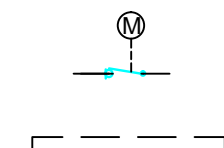
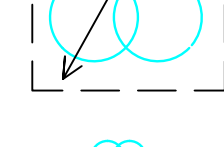
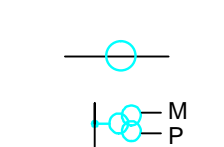
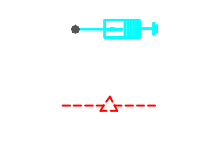
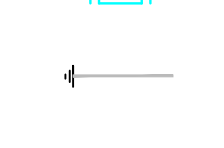
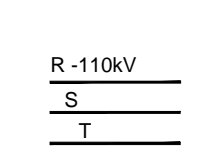

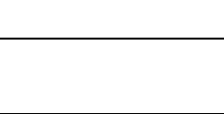
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**Istoricul reviziilor / Revision History**

| Rev. | Data/Date | Descriere Modificare / Modification description |
|------|-----------|---|
| 1    |           |   |
| 2    |           |   |
| 3    |           |   |
| 4    |           |   |

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**Legenda: Legend:**

-  Separator bipolar actionat cu motor cu CLP  
Double-pole disconnector motor-operated with grounding contact
-  Separator bipolar actionat manual cu CLP  
Hand-operated two-pole disconnector with grounding contact
-  Intreruptor bipolar  
Two-pole circuit-breaker
-  Separator monopolar actionat manual cu CLP  
Hand-operated single-pole disconnector with grounding contact
-  Separator monopolar actionat manual fara CLP  
Hand-operated single-pole disconnector without grounding contact
-  Separator de sarcina actionat electric la 110 Vdc  
Switch on load motor-operated (110 Vdc)
-  Transformator monofazat de tracțiune  
Single-phase traction transformer
-  Transformator monofazat de putere  
Single-phase power transformer
-  Transformator de curent  
Current transformer
-  Transformator de tensiune  
Voltage transformer
-  Descarcator  
Surge Arrester
-  Interblocaj  
Interlock
-  Siguranta fuzibila  
Fuse
-  Priza de pamant  
Earth system
-  Cablu de energie electrica  
Power cable
-  Sistem de bare trifazat  
Three-phase bus-bar