

LISTA DE LUCRĂRI

Cristea Vasile-Mircea

a) Listă lucrări relevante

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b) Teza de doctorat

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d) Cărți și capitole în cărți

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Anexă

Lista de noi lucrări de automatizare și măsură realizate la UPSOM SC Ocna-Mureș în perioada 1986-1994.

Cluj-Napoca
Iulie 2016

Cristea Vasile-Mircea

ANEXA

LISTA CU LUCRĂRI NOI DE AUTOMATIZARE

(Realizate în perioada 1986-1994 la UPSOM SA)

1. Sistem de reglare automată a raportului debit leșie/debit lapte de var la faza de recuperare a amoniacului, în cadrul procesului tehnologic de fabricare a bicarbonatului de sodiu după procedeul Solvay.
2. Sistem de urmărire, contorizare și înregistrare automată a modului de alimentare a cuptoarelor de var pentru producerea oxidului de calciu și a bioxidului de carbon.
3. Sistem de reglare automată a nivelului în tamburul cazanelor de abur tip LANG și VULCAN CR-03 utilizând reglarea după perturbație.
4. Sistem de reglare automată a procesului de degazare a apei de alimentare pentru cazanele de abur, în degazoarele orizontale din cadrul instalației de preparare a apei aferentă centralei termoelectrice.
5. Sistem de reglare automată a debitului de apă la toba de hidratare a oxidului de calciu.
6. Sistem de semnalizare și protecție la turbina de abur AKTR-6 , putere 3,5 MW.
7. Sistem de măsurare și contorizare debite apă industrială și potabilă: apă brută, apă industrială secții caustică, calcinată, stații de demineralizare, filtre rotative, etc. (metoda micșorării secțiunii de trecere, metoda electromagnetice).
8. Sisteme de măsură și contorizare gaz metan (ajutaje, diafragme) în instalațiile: sodă calcinată, sodă caustică, cuptoare de var, silicagel).
9. Sisteme de măsurare și contorizare debite abur supraîncălzit și saturat în instalațiile: sodă calcinată - coloane de distilare; sodă caustică - instalația de descompunere umedă a bicarbonatului de sodiu; clorură de calciu; oxid de magneziu; compresoare CO₂; degazoare; încălzire centrală termoelectrică; eșapare turbina de abur LANG; scăpări labirinți turbina de abur LANG, etc.