THE INFLUENCE INCREASING OF O₂ AT E₀P TOWER TO CONSUMSTION OF KHLORIN DİOKSIDE (ClO₂) AT D₁ TOWER UNIT BLEACHING PT.TOBA PULP LESTARI, Tbk PORSEA.

ABSTRACT

Bleaching Proses in PT. Toba Pulp Lestari, Tbk Porsea uses ClO₂ as material bleaching to disappearing or whitening color substance of pulp. Remained lignine is very dominan substance to make coloring of the pulp, therefore it must be eliminated. If much more ClO₂ uses at bleaching process, specifically at D₁ stage, it will make much more brightness too. The usage of ClO₂ at pulp process be equal to the amount of lignine to be eliminated from the pulp. The concentration is not too high, so it will not show environment emition. Because of, moreover decrease of environment emition and decrease consumstion of ClO₂ so, increasing of O₂ need protect for sellulosa in pulp. Standart of quality of pulp brightness uses at D₁ Stage is 88-90% ISO and ClO₂ concentration at D₁ stage is 7-8 gram/liter.