

ABSTRACT

Production of chlorine, alkali and hydrogen.

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A term paper on the production chlorine, alkali and hydrogen. The physical and chemical properties of chlorine, its use in the production technology of metals and methods of obtaining. The selection and description of the electrolyzer design type R -300 and the technological scheme of obtaining chlorine, alkali and hydrogen diaphragm method. Calculations mercury electrolyzer R -300 with the current load of 300 kA. Calculated balance of current, voltage and power, heat and material balances and account index.

MERCURY ELECTROLYZER, CHLORINE, ALKALI, HYDROGEN,
ELECTROLYZER R -300, CURRENT BALANCE, VOLTAGE BALANCE,
MATERIAL BALANCES, HEAT BALANCES, CONSUMED INDEX