

Abstract

In connection with unceasing increasing of the requirements to purity of the air pool and observance of the rates PDK in given region, is required achievement cleaning degree smoke gas - 99,5%.

The Purpose given degree project is consideration to reconstructions existing installation for collection of the ash caldron BKZ-320-140 Pavlodarskoy TEC-1 JC "Aluminum Kazakhstan", consisting of 4-h pipes Venturi and 4-h скрубберов of the type MV-3100 with transition on battery emulsifiers II generations, installed in existing body скрубберов. The Battery emulsifier II generations (BE-II) is intended for peelings smoke gas after caldron from ash and has a more high factors peelings.

As a result determined technical-economic and ecological factors. Solving are an ecological factors - a surges bad material, as follows, oxides of the sulphur, nitrogen and hard particles, vastly fall.

