ABSTRACT

Along with the development of industrial technology, where have occurred both of quality and quantity scale increase, people have facing on any environmental effects as the consequence of any industrial process.

After doing experiments to the cyclone, where mass flow rate of water is constant with maximum mass flow rate of water is 0.7 gram/second equal to 42 gram/minutes, obtained separation efficiency rate of cyclone is 84.427% and pressure drop rate is 0.1967 cmH2O.

Performance of cyclone can be obtained by doing some experiments. By comparing water mass collected with total mass inlet, we can get efficiency.