

Design of a fabric bag dust filter system for industrial dust treatment

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Abstract: In practice, industrial dust treatment is a matter of concern due to its impact on the environment and human health. This project focuses on designing a high-efficiency baghouse dust filter system to reduce the amount of dust emitted into the environment. Through both theoretical and experimental research, the objective of the thesis is to build a filtration system capable of stable dust treatment under various conditions. The expected results from this project will help improve air quality in industrial areas and contribute to environmental protection.

Keywords: Dust filtration system, fabric bag, industrial dust treatment, environment