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DESIGN OF FLOOR WASHER

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ABSTRACT:-The conventional floor cleaning machine is most widely used in airport platforms, railway platforms, hospital, bus stand, malls and many other commercial places. Floor Washer is a floor cleaning device. It can simple tool such as a floor mops and floor brushes, or in a form of walk-behind or ride-on machines to clean larger floor areas by injecting water with cleaning solution, and lifting the residuals off the floor.

In current scenario different machines are required for various types of floorings. The machine containing gear box has many limitations. The use of gear box increases the weight and cost of floor washers as well as weight of the frame increases. In this work weight and cost of machine is reduced by using belt drive instead of gear box.

Keywords—Design; cleaning; machine; mopping

IMPLEMENTATION OF POKA-YOKE TECHNIQUE FOR IMPROVING QUALITY AT HRCTL IN STEEL INDUSTRIES

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ABSTRACT:- The Producing high quality of products and services is one of the key concerns in order to keep up with the competition in the global markets. The main objective of manufacturing industries today is to increase productivity through system simplification and incremental improvements by using modern available techniques. One of the most recognized technique is Kaizen. By using technique of kaizen such as Poka-Yoke, we can increase the productivity of the process in the form of continuous improvement. While going through the literature it is observed that there is no standard sheet for poka-yoke. In view of this we specially designed a template sheet for poka-yoke users and research. Poka yoke is one of the techniques and this paper focuses on an implementation of it.

Keywords— Continuous Improvement, Poka-Yoke, Total productive management.

