

REDUCTION IN REJECTION RATE OF MO-1 FIX MAGNET USED IN CONTACTOR DUE TO TOP PLANARITY

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ABSTRACT

In order to improve the production results, a number of techniques, methods or tools can be applied to increase production capacity, the volume of manufactured products and the quality of unfinished and finished products respectively. Most of them are focused on the technological processes, production machinery and equipment and less on human resources. This paper aims to present the strategy for the joint usage of quality tools and human resources management to achieve positive results, in terms of increasing production capacity, the volume of products and therefore, their quality through direct executive staff motivating as an effect of the usage and application of quality tools one hand, to large devices approximately a meter on a side. Contactors are used to control electric motors, lighting, heating, capacitor banks, thermal evaporators, and other electrical devices. One of their hallmarks is reliability. However, like any other device, they are not infallible. In most cases, the contactor does not simply wear out from normal use.

DESIGN OF JIG AND FIXTURE AND IMPOROVEMENT OF STAOR STACKING PROCESS

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ABSTRACT

This paper gives us the detailed definition of Jigs and the target of the mass production is to increase the productivity and increase the accuracy. This is done by reducing the set up cost and manual fatigue. Thus mass production can be achieved by the use of jigs. For large scale production of different materials a lot of time is wasted in set up of the device and clamping the device. Trial and error method is usually practiced until the axis of the hole is properly aligned with the axis of the drill. In such a situation a lot of time is being wasted to maintain the accuracy. Eventually it increases the operator's fatigue. Thus drill jig increases productivity by eliminating individual positioning, marking and frequent checking. The main advantage of the jigs is interchangeability. The need of selective assembly is eliminated. The parts of the jig will fit properly and in the assembly and all similar components are interchangeable. Also a jig reduces the repetitive nature required for drilling holes, because the locating, clamping and guiding of the tool is done by the jig itself. The tool guiding element is used whose chief work is to guide the tool in to the correct position

AUTOMATICALLY OPERATED MATERIAL HANDLING EQUIPMENT

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ABSTRACT

Automatically operated vehicle is the concept which deals with the transfer the jobs or material handling. There are various methods to transfer the material or material handling for ex. Conveyor system, conveyor system is used to convey the materials industrial jobs from one section to another section. Conveyor section is quite expensive and it is mostly preferred for the large scale industries. Also it is quite electrome-chanically built, so it is quite power consumable. The automated guided vehicle is the project in which it is self-energy consumable that is it is an active device, it doesn't require external power supply to deliver that materials. This project is mostly used for the small scale industries, because it is used to carry small distance or minimum location transfer of materials. This project contains four shock-ups at the four positions that are used like legs of this system. This machine also contains the rack and pinion arrangement to absorb the energy that is comes from the weight and stores the energy into the system and delivers the material to that position.



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