Proposed layout PRODUCTION FLOOR UNIT IN THE DEPARTMENT OF PRODUCTION CT / VT IN PT. PRIMA TRAFOINDO PERKASA TANGERANG

By

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Design of facility layout is important in the production process, in which production should be combined between the material activities of the process raw materials and intermediate materials until the process end, machinery and equipment required, how to transfer material from one process to others who involves the production process on the production floor so that it will generate traffic on the production floor right, good and true.

Plant layout is the total integration of all production elements into one large operating units. Factory layout design was made as possible to avoid any turning movement, the movement of cut, and congestion. So that materials can keep moving without obstacle.

On the production floor PT. Trafoindo Prima Perkasa particular department CTVT unit mix-flow has occurred this is due to a very limited area of the factory, so it is often the accumulation of finished goods from the production department of a transformer in the factory yard without considering the space for the material in and out of the machine, and the department units allowance transfortasi CTVT production. Thus necessary for the construction of a new plant specifically for the department CTVT.

In producing research proposals to design the layout of production units CTVT department at a new factory with the layout and floor area in the department of Allowance and add the appropriate area of the required tolerance. Change the layout of the new factory layout can change the material handling costs prior to the transfer of factories that produce the minimum cost more due to the distance between the material flow into a nearby department and changing the material used conveyances.

Keywords: floor area, material handling costs, layout