

ABSTRACT

CV. WK is located in Bandung District, Indonesia. This company is one of the manufacture factory which produce oil bottle cap. In this research, for specific on warehouse area of CV. WK, we found that the location of materials is random, so it needs more time and distance to deliver the materials to the next area and that's why waste transportation occurred. Because of that, there should be an improvement plan to reduce the waste transportation in CV. WK's warehouse area.

Lean Warehousing approach used for problem identification to knows that waste transportation occured. Then the FSN Analysis used for reducing waste transportation in warehouse area.

The result from this research is making new material layout based on FSN Analysis application. Then it effects are reduce of the length and time for deliver the materials.

Based on the use of FSN Analysis, the raw materials which often used become top priority on laying the raw materials. The application of FSN Analysis is using for create new layout for materials, then reduce the length and time for deliver the materials.

Key Words: Lean Warehousing, Waste Transportation, Layout, FSN Analysis