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IN PLANT STORES MANAGEMENT - L&T VALVES

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**INTERN, SUPPLY CHAIN
MANAGEMENT**

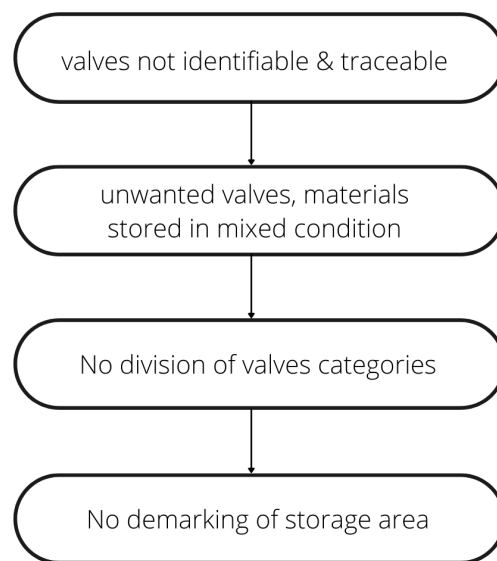
L&T Valves is a subsidiary of Larsen and Toubro Ltd. (L&T), a global infrastructure development company, manufacturing valves that enable efficient flow-control in all industries around the world. The goal of this project was to increase productivity in the valve storage area using the Kaizen & 5S approach.

BACKGROUND

The problem faced by L&T Valves is that, in the valve storage area, valves are not easily traceable, identifiable, and retrievable. This leads to high searching times, decreasing the productivity of personnel working on the warehouse.

DESIGNING A SOLUTION

First, we performed a 5 Whys analysis in order to find a root cause of the problem.

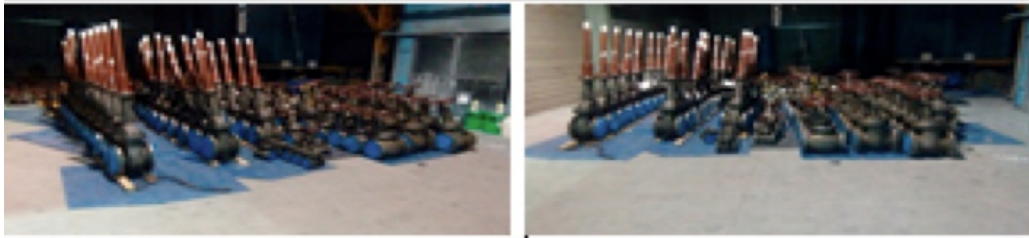


5 Whys Analysis

We determined that the root cause of the problem was no demarcation of storage area for identifying specific part categories. Therefore, we provided the solution of a dedicated, demarcated area for all parts in the receiving valve storage area.



Before: No dedicated locations for different categories of parts. Unwanted valves are stored. Mix up of valves.



After: Demarcation for all part categories. Cleared unwanted items. Segregation done.

Additionally, we also worked on minimising picking and binning errors to ensure better parts familiarity among the operators and thus, minimise binning and packing errors.



Images of the parts incorporated on the bin with the SKU

SAVINGS

Benefits	Per Day	Monthly	Annually
Time	2 hrs	50 hrs	600 hrs

The solution provided will save an estimated 600 hours of time annually for L&T valves, hence, the solution was effective at meeting the objectives of the project.