This project examines the improved plant layouts by using the Systematic Layout Planning (SLP) approach. The procedure for starting the layout project with SLP is identification and description of the project, its objective(s), the phases of layout planning that is about P, Q, R, S, T, and activities analysis. The SLP is an excellent technique for correctly assigning activities in which this study concentrates on the relationships between various functions, activities, or workstations then adjusts the relationships and spaces into the layout plan(s) which is drawn by AutoCAD program version 14.

This study uses SLP to make the suitable plant layout by making an activity relationship diagram to visually show the desired closeness of all activities to each other. After that diagram the activity relationships and draw space relationship layouts are done. The evaluation procedure is now used to access the objectives to be the master plan.