

# Plant Layout Services

Services	Deliverables
<ul style="list-style-type: none"><li>Plant Layout Services</li></ul>	<ul style="list-style-type: none"><li><input type="checkbox"/> Report and presentation of recommendations for improved process flow.</li><li><input type="checkbox"/> Drawings of recommended plant layout.</li></ul>

## **Service: Plant Layout**

AKA's plant layout service addresses the arrangement of people and equipment in the most cost-effective manner to assure efficient movement of material and personnel. Plant layouts normally evolve over time as products, processes and capacities are changed. Eventually, after many such changes have occurred, the entire plant must be reconfigured as a single entity to achieve a harmonious and balanced flow of activities designed to minimize waste.

Components of AKA's service include: defining the requirements of the facility; identifying activities that must be performed to meet those requirements; conducting a process flow analysis (including an analysis of space requirements and the relationships between activities); developing recommendations to improve the process flow at both the department and workstation levels; evaluating alternative layouts; and recommending a process flow and associated plant layout.

**Note:** The time required will vary due to facility size and project complexity.

## **Benefits**

An efficient plant layout service can help improve the productivity, quality and capacity needed to maintain a competitive position. A properly developed plant layout can:

- Reduce cycle time and improve process flow.
- Improve space utilization and allow for expansion/flexibility.
- Reduce labor and overtime expense.
- Resolve manufacturing constraints.



## **Complementary Services**

AKA can also provide the following services to maximize the benefits derived from a plant layout.

- Lean manufacturing assistance to redesign process flow in a way that minimizes non-value-added activities and floor space requirements.
- Equipment evaluation and recommendations for equipment additions to the production process.

