

Diagnostic Questions: Does the layout of the company’s factories apply advanced industrial engineering concepts effectively to increase efficiency and flexibility by reducing lot sizes, inventory, and staffing requirements?

Level 1 Plan	Level 2 Pilot	Level 3 Deploy	Level 4 Integrate	Level 5 Excel
<ul style="list-style-type: none"> ▪ Job shop layout; large lots accumulate near machines and operators, each process moves at own pitch (rhythm) 	<ul style="list-style-type: none"> ▪ Job shop layout; some small lot production and reliance on conveyance systems ▪ Successful pilot JIT cell or flow line formed 	<ul style="list-style-type: none"> ▪ Cellular and in-line layouts are geared for single process, small lot flow 	<ul style="list-style-type: none"> ▪ Cellular and in-line layouts are geared for one-piece flow within and between processes 	<ul style="list-style-type: none"> ▪ Full multiprocess operations with one-piece flow