

K.P. PERSAUD

MY LEAN JOURNEY

University of Michigan: Industrial Engineering (1978)

- Statistical methodology for studying variability. Find it and reduce it (Six Sigma).
- Facilities planning and layout: Economy of motions: Continuous flow: PFEP for continuous flow (Lean & TOC)
- Value engineering (DMADV)
- Inventory management: Move towards EOQ = 1 (TPS)

Work Experience:

John Deere: Waterloo, IA (1978-1979)

- Plant layout to facilitate continuous flow: 1021 Hydraulic Building. AWGS- integrated into the material handling system.

De-Sta-Co Division Dover Corporation: Birmingham, MI (1979-1997)

- cell manufacturing for assembly plant
- 100+ Kaizen events: Sensei – Jim Rhoda
- Best plant practices on Lean between Dover plants
- Transformation to continuous stamping lines (progressive and transfer tooling) from single operation tools with multiple steps and long cycle times with huge WIP inventory.
- Transformation from MRP Systems to a two-bin pull system between plants as well as within plants. This included the supply chain as well.
- Worked through the evolution of cell manufacturing to extend the value stream to include multiple plants and supply chain.

Tower Automotive, Milwaukee, WI (1997-1999)

- Concurrent Engineering in new product development: Automotive Chassis Assembly. Reduction of cycle time.
- Process predictability in a lean environment. Get it right the first time and keep it under control.
- Worked with the TPS: Mercer Group

Midland Forge, Cedar Rapids, IA (1999-2008)

- Did 100+ Kaizen events: Sensei – Simpler Consulting (5 years). Cycle time reduction.
- Move more towards the TPS System: Hired a Continuous Improvement Manager with a TPS background from Toyota. Sensei – Harris Lean Systems.

Seminars:

- Demming (several)
- TOC (several)
- Work simplification (several)
- Six Sigma (several)
- Womack (several)
- Harris Lean Systems
- Simpler Consulting