SYSTEMATIC LAYOUT PLANNING (SLP) -- Capsule Summary

**PHASES**
- I LOCATION
- II OVERALL LAYOUT
- III DETAILED LAYOUTS
- IV INSTALLATION

**PROCEDURE**
- Layout Planning = 1. RELATIONSHIPS, 2. SPACE, 3. ADJUSTMENT

**CONVENTIONS**
- Symbols Extended to Identify Equipment & Space
  - A. Operation: Forming or Treating Equipment & Space, Color: Green**
  - B. Transportation: Transport-related Equipment & Space, Color: Orange Yellow**
  - C. Handling: Handling Areas – Pick-up & Set-Down, Color: Orange Yellow**
  - D. Storage: Storage Equipment and Space, Color: Orange Yellow**
  - E. Delay: Set-down or Hold Areas, Color: Orange Yellow**
  - F. Inspection: Inspect, Test, Check Equipment & Space, Color: Blue**
  - * A.N.S.I. Standard
  - ** MHMS (IMMS) Standard (Adopted as basic to SLP procedure)

**INPUTS (PQRST)** & TYPES OF LAYOUT

**RELATIONSHIPS** (Flow & Other)

**SPACE** (Required & Available)

**ADJUSTMENTS** for Fit & Function

**MODIFICATIONS** & LIMITATIONS

**EVALUATION** & APPROVAL

**ACTIVITY-AREAS**

**SPACE RELATIONSHIP DIAGRAM**

**PRELIMINARY LAYOUT ARRANGEMENTS**

**ALTERNATIVE LAYOUTS**

**PLAN X**

**LAYOUT PLAN** for this phase

**EVALUATION** & **APPROVAL**

**Color Code Evaluating Description**
- A, Abnormally High: Red**
- E, Especially High: Orange Yellow**
- I, Important: Green**
- O, Ordinary: Blue**
- U, Unimportant: Uncolored**
- X, Not Desirable: Brown**
- XX, Extremely Undesirable: Black
- Almost Perfect Results (Excellent): A / 4
- Especially Good Results (Very Good): E / 3
- Important Results (Good): I / 2
- Ordinary Results (Fair): O / 1
- Unimportant Results (Poor): U / 0
- Not Acceptable Results (Not Satisfactory): X / ?