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SOIC Sheeter Seminar In-House Agenda - Contact: Mike Spanjer

- I. Registration, Introduction, Materials
- II. SOIC Operation and Components
 - A. Line Layout and Machine Nomenclature
 - B. Computers and Hardware
 - C. Computer Screen Operation, Order entry and Configurations
- III. Knife
 - A. Safety: Overview, ZES, IES, Control Lockout, Capacitors, Static Bars
 - B. Operator Controls: Screens, Manual Controls, Preventive Maintenance
 - C. Mechanicals: Draw Roll, Cylinders, Gear Train, Blades and Tuning Overview
 - D. Electricals: Component Layouts, E-Stop Circuit Power Circuits, Cylinder Controller and A-B PLC (Input/Output), Prints
 - E. Motors/Power Supplies/Drives
 - F. Resets, Indicators, Meggers, Inductance, Continuity Checks
- IV. Knife Outfeed
 - A. Mechanicals, Geometry, Diverters, Modulators, Changing Tape Belts
 - B. Pneumatics, Sensors
 - C. Review System Controls, Prints, Static Bar Tests
- V. Layboy/Piler
 - A. Safety Systems Overview, Belt Access, Safety Photoeye Protects, Lift Locks, Curtains, Preventive Maintenance
 - C. Operator Controls: Snubbers, Backstops, Lifts, Lift Setup
 - D. Lift Overview: Chain Systems, Hydraulics, Sensors, Pneumatics and Controls
 - E. Control Cabinets: Electrical Component Layout, Power Circuits
 - F. Drives/Motors: Marquip/Siemens/Allen-Bradleys
 - G. Controllers: A-B PLC (Inputs/Outputs) Control Prints (Standard)
 - H. Lift Feedback, Hydraulics, Drive Systems, Photoeye Protect
- VI. Splicers
 - A. Safety Overview, Dancer Rolls, Heads, Thread-up, Splice Cycle (SNRCBAR)
 - B. Pneumatic Print (Dancer Control)
 - C. PLC Controller (I/O) and MIM and MIB Control Loop
 - D. Troubleshooting (Missed Splices)
 - E. Preventive Maintenance: Clamps, Dancer, Chain Tension/Head Alignment
- VII. Roll Stands
 - A. Safety Overview
 - B. Hydraulics, Pneumatic and Electrical Control Prints
- VIII. Slitters: Tidland Manual and Marquip Automatic Slitters
- IX. Swing Arm Dancer Web: Tension Control Loop, Feedback, Sensors
- X. Web Aligner and Web Cleaners
- XI. Decurlers: Turret, Rotational, Plunge, Controls and Pneumatics
- XII. Final Review of Systems

Please discuss this with the Education and Training Department after reviewing this agenda. This has been written for all possible machines, some equipment may not apply for a particular class and will not be covered. Specific order for class may vary upon equipment presented.