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## Integrated Manufacturing Systems Troubleshooting

### AMTEC PLC Logic Analysis Exercise

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Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Instructions:** Using the Electrical prints, the PLC Ladder Logic print outs, the Tag listing print outs and the AMTEC Junction box addressing handout, complete the following exercise:

- 1) Determine the triggers for the unload conveyor stop advance --- (the output that energizes the solenoid that causes the Stop cylinder (unload conveyor) to advance (extend).
- 2) When complete, write down the triggers and ask your instructor to check your findings.

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- \_\_\_\_\_
- \_\_\_\_\_





**Multi-State  
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Consortium**

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PAGE

2 of 2

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