

US DOL SPONSORED TAACCCT GRANT: TC23767 PAG PRIMARY DEVELOPER: Glenn Wisniewski – Henry Ford College

Integrated Manufacturing Systems Troubleshooting Faults Crossing Shifts Exercise

The Instructor will assign one of the following faults. When the station has been returned to normal operation, please call the instructor over to verify proper machine operation.

AMTEC 1

The 3rd shift changed the variable speed drive on the load conveyor. Third shift personnel did not have a chance to start-up the system and verify its proper operation.

Please start up the system and return it to automatic operation.

AMTEC 2

The 3rd shift had to replace the unload conveyor "Clear to Unload" Photo Eye and reflector. Third shift personnel did not get the system operational.

Please return the system to full automatic operation.

AMTEC 3

3rd shift replaced the Output module in the Load Conveyor Junction Box. Third shift personnel ran out of time to verify the fix. Please return the system to full automatic operation.

AMTEC 4

3rd shift had to change the air pressure switch on the system. They did not have time to verify the repair. Please return the system to full automatic operation.

SMC 1

The Linear Potentiometer on the bearing station was changed on 3rd shift. Third shift personnel did not have the time to verify the fix. Please return the station to full automatic operation.

SMC 2

John Chesnee (a very poor technician on 3rd shift) was modifying the Body Station last night. The station is no longer functional. Please repair and return the system to full operation.





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DATE VERSION

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