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

Integrated Manufacturing Systems Troubleshooting

Remote I-O Exercise

Studen	t Name:	
Date: _		
Referri	ng to the I/O Junction Boxes:	
The rer	note I/O modules are neither Allen Bradley nor Siemens (which has have studied.)	
They ha	ave been manufactured by Telemecanique and are part of the Advantys STB hardware family of ts.	f remote I/O
	find and download a copy of the Components reference guide (2005) or the Advantys STB IP20 manual.	Distributed I/C
Using t	he working drawings of the AMTEC Trainer and the downloaded information, answer/complete	tion Boxes: are neither Allen Bradley nor Siemens (which has have studied.) tured by Telemecanique and are part of the Advantys STB hardware family of remote I/O I a copy of the Components reference guide (2005) or the Advantys STB IP20 Distributed I/O gs of the AMTEC Trainer and the downloaded information, answer/complete the following: es in the remote rack in the unload junction box (by number) and give a brief description of anction. dules sinking or sourcing? How can you tell? (Be specific.)
1)	Identify all modules in the remote rack in the unload junction box (by number) and give a brie each module's function.	f description of
	·	
	·	
2)	Are the input modules sinking or sourcing? How can you tell? (Be specific.)	
3)	How many inputs are there per module?	







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Identify all the indicators on the second module from the left and explain how to interpret
Are the output modules sinking or sourcing? And how can you tell? (Be specific.)
How many outputs are there per module?
Are the outputs fused? Where is the fuse located? Is there a blown fuse indicator?
What is the Analog module connected to? Why?





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9)	On page 51 of the electrical prints, what would pin 7 (inside of the circle) typically be used for?
	<u></u>
10)	Referencing question 9, why isn't it used for the above stated purpose?
11)	On the output card drawing (Page 53), what is Pin 2 (inside the circle) typically used for?
12)	Referencing question 11, why is it not used for that purpose?

Please type up your findings and submit to the instructor. Please repeat the question along with the answers. The answers can be written on this form, if legible.







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