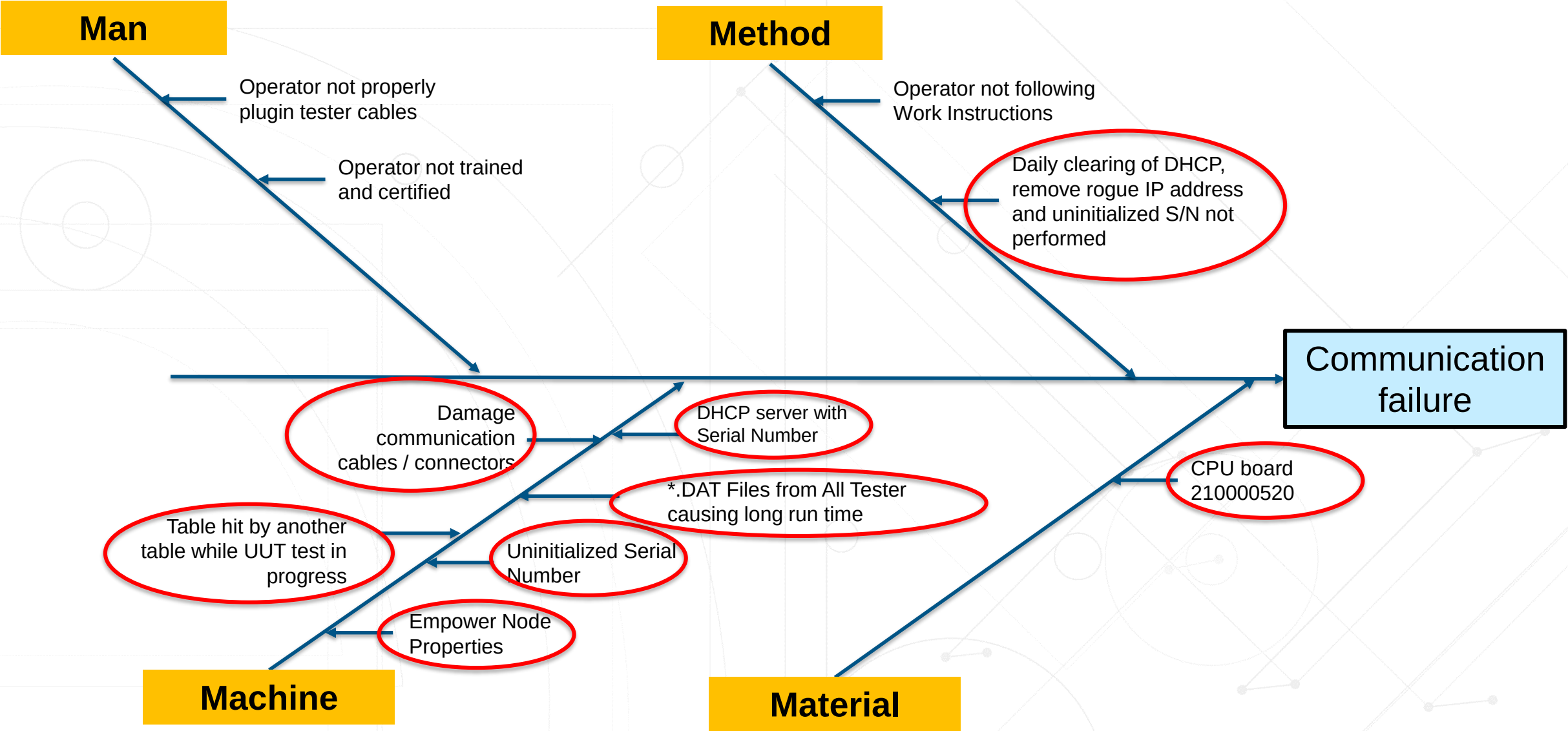


Yield Improvement – Communication Failure 4M



Yield Improvement – Communication Failure 4M

	Possible Causes	Verification	Possible cause (Y/ N)	Proposed Actions
Man	1) Operator not properly plugin tester cables	Verified, trained/ certified Tech/Operators performing Detector Testing as per document provide by WPPL. No abnormality found.	N	N/A
	2) Operator not trained and certified	Verified that Tech/Operators performing test for detectors as per document 735001616 provided by Waters. No abnormality found	N	N/A
Method	Operator not following Work Instructions	All test procedures as per TSP provide by Waters test PDA Detector Family. Refer to PN table at 735001613 No abnormality found	N	N/A
	Daily clearing of DHCP, remove rogue IP address and uninitialized S/N not performed	Daily clearing of DHCP, remove rogue IP address and uninitialized S/N is clearly mentioned and learned by technician / operator performing the test for PDA Detector Family	N	N/A
Material	CPU board 210000520	Verified NCMR flow and did not see reject related to CPU related to loss com	N	N/A
Machine	Test Station: 1. Old *.DAT file causing long test run time. 2. DHCP server with Serial Number 2.1 IP Address 2.2 Uninitialized Serial Number 3. Empower Node Properties 4. Damage communication cables / connectors 5. Using trolley instead of fixed table	26 Dec – 2019 Completed the removal of old *.DAT to all TE82882 PDA Final Tester. 03 Mar 2020 - UUT is tested as complete assembled unit and failure able to detect to below station. Test stations have yearly PM for CPU as per station required..	Y	To perform daily task by Test EA as below before release tester to production - Restart tester CPU (Workstation computer) - Click Stop Acquity Process - Clear Waters DHCP Server to address item 1, 2, 3, 4 - Ensure the Ethernet cable lock is not broken to address item 5.

Yield Improvement – Communication Failure

24 Apr 2020 To collect 100 data point for TE82882- 8, 9, 10, 11, 13 and 14 per position

- Based on present loading of PDA Family Detectors, we can complete this activity by 22 July 2020 (600 units).
- Pls. refer to manual data collected from testing the PDA Family.

Observation:

TE82882-8, 9 and 14 is consistently showing good result

TE82882-10 and 11 showing high loss comm

TE82882-13 have low loading.

Flex have a low volume build and need only 3 tester at the moment thus , we asked to shutdown the tester, #8, #9 and #14 so Prod'n will used #10, #11 and #13

TE82882	TE82882-8	TE82882-9	TE82882-10	TE82882-11	TE82882-13	TE82882-14
TESTED	17	12	14	12	3	14
LOSS COMM	1	12	3	5	1	1
FPY	94.12%	100.00%	78.57%	58.33%	66.67%	92.86%

