Channel Redundancy Test

1.0 IEC101

No.	Procedure	OK	NO
1	Start by polling IEC101 through Main Channel (COM2).	☐	☐
2	Simulate any Digital Input signal and verify ASE2000 received the signal.	☐	☐
3	Do not stop ASE2000 and move the ASE Serial Cable from COM2 to COM3.	☐	☐
4	IEC101 communication will resume through COM3 after around 20 – 30 seconds.	☐	☐
5	Simulate any Digital Input signal and verify ASE2000 receive the data.	☐	☐

2.0 IEC104

No.	Procedure	OK	NO
1	Start by polling IEC104 through Main Channel (Ethernet1).	☐	☐
2	Simulate any Digital Input signal and verify ASE2000 received the signal.	☐	☐
3	Stop ASE2000 and move the LAN Cable from ETH1 to ETH2.	☐	☐
4	Start polling IEC104 again through ETH2.	☐	☐
5	Simulate any Digital Input point and make sure ASE2000 receive the data.	☐	☐

3.0 DNP3 (N/A)

No.	Procedure	OK	NO
1	Start by polling DNP3 through Main Channel (Ethernet1).	☐	☐
2	Simulate any Digital Input signal and verify ASE2000 received the signal.	☐	☐
3	Stop ASE2000 and move the LAN Cable from ETH1 to ETH2.	☐	☐
4	Start polling DNP3 again through ETH2.	☐	☐
5	Simulate any Digital Input point and make sure ASE2000 receive the data.	☐	☐

Tested By:
(Signature/Official Stamp)

Witnessed By:
(Signature/Official Stamp)

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Tester's
Name:
Date:

TNB QAI's
Name: Muhammad Azamuddin Bin Hasan
Date: