

PlantPax Device Integration with HART Test Report

Tested by	Brian Traczyk
Date	8/12/2019
Test Report Revision	1.0

Final Result of Testing

Device Info

Manufacturer	Metso
Model	NDX1510TG
Device Revision	3
Device Firmware Revision	17
HART Revision	6
Device Serial Number	PH18152042
DTM File Name	Metso NDX DTM
DTM Revision	1.1.6933

Test System

HART Module	1756-OF8IH/A
Communication Module	1756-EN2T
Controller Model	1756-L75
Controller Firmware Revision	31.011
Studio5000 Version	31
FTView Version	10
FTAssetCentre Version	7.10.00.9
PlantPax Library Version	4.1
Operating System	Windows Server 2012 R2 Standard

Integration Test

	Results	Notes
Process Variables are read into Controller	Pass	
Process Variables are written from Controller to device	Pass	
HART variables are all read(PV, SV, TV, FV)	Pass	
Advanced Functionality		
Able to assign tag to device	Pass	
Able to link variables to PlantPax library object and see values propagate through AOI	Pass	
Able to read/write parameters via PlantPax faceplate	Pass	
Able to read device diagnostics with faceplate	Pass	Cover is open diagnostic causes a supply pressure too low warning even if the error is set to be "Info"

DTM Testing

DTM installs on PC	Pass
DTM is properly scanned and added to FTAC device catalog	Pass
Able to add DTM to DTM Network	Pass
Able to go online with DTM	Pass
Able to read/write parameters via DTM	Pass
Able to disconnect DTM	Pass
Able to run valve commissioning	Pass

Test Revision History
Initial Release

1.0

8/16/2017