



Device Registration

Manufacturer	Emerson Process Management, Valve Automation Asveldweg 11 Hengelo, Overijssel, 7556 BR The Netherlands	
Model Type	Q Series QC54 Discrete Valve Controller	
H1 ITK Profile	6	
Manufacturer Identification (MANUFAC_ID)	0x564144	
Device Type (DEV_TYPE)	0xD3A0	
Device Revision (DEV_REV)	0x04	
Stack Communication Profiles	31PS, 32L	
H1 Physical Layer Profiles	111, 113, 511	
Device Test Campaign	IT103100	
Stack Test Campaign	CT0113FF	
H1 Physical Layer Test Report	PT-490	
Device Descriptions	0401.FFO	(CRC: 0xBF8060F3)
	0401.SYM	(CRC: 0xB8151757)
	0401.FF5	(CRC: 0x22CDA391)
	0401.SY5	(CRC: 0xB8151757)
Capability File	040101.CFF	(CRC: 0x91BBD987)
Mandatory Features	Resource Block Alarms and Events Function Block Linking Trending Multi-Bit Alert Reporting Field Diagnostics	
Additional Features	Common Software Download	
Function Blocks	Analog Input Discrete Input Discrete Output Proportional Integral Derivative	
Registration Number	IT/103100/1	
Registration Program	FF-524 2.11	
Date Issued	2015-08-19	

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Mark**

Use of mark subject to
Graphic Identify Style Guide



Ted Masters

Ted Masters
President and Chief Executive Officer

EXHIBIT A

Device Under Test	
Manufacturer:	Valve Automation
Model:	Q Series QC54
Type:	Discrete Valve Controller
Revision:	4
Serial No:	04G08G098
Device ID:	564144D3A0-EPM-0x81732122
MANUFAC_ID:	0x564144
DEV_TYPE:	0xD3A0
DEV_REV:	0x04
VFD Name:	FB VFD
Comm. Profile Class:	31PS 32L
Device Test Campaign #:	IT103100
Device Test Date:	8/12/2015
Tested Blocks:	1-RB2(e), 2-DI(s), 1-DO(s), 1-AI(e), 1-PID(e)
Untested Blocks:	1-TB(c)
Stack	
Manufacturer:	Emerson Process Management
Revision:	TH6.0
Test Campaign Number:	CT0113FF
Physical Layer	
Test Campaign Number:	PT-490
Profile Class:	111, 113, 511
Latest Device Descriptions	
DD4 Test Campaign #:	IT103100
DD4 File Names:	0401.FFO / 0401.SYM
DD4 Test Date:	8/13/2015
DD5 Test Campaign #:	IT103100
DD5 File Names:	0401.FF5 / 0401.SY5
DD5 Test Date:	8/13/2015
Latest Capabilities File	
CF Test Campaign #:	IT103100
CF File Name:	040101.CFF
CF Test Date:	8/13/2015