




**List of Certified Modules – Plantguard Version 3.4.1**  
**ABB Limited, St. Neots, UK, Certificate No.: 968/EZ 187.01/04**

Module Type	Description	Hardware release Letter	Software Number	Software Release Label
P8094	Safety Manual	N/A	N/A	Issue 16
552768	PFD Data	N/A	N/A	Issue 4
P8013	SOE & Process Historian	N/A	352260	Build 005
P8017	Peer to Peer	N/A	352280	Build 4
P8019	Process Control	N/A	352290	Build 4
P8082B	IEC 1131 Toolset Suite	N/A	353270	Build 3.46.9
P8082B	IEC 1131 Toolset Suite – For use with P8161 Only	N/A	353270	Build 3.46.11
P8110B	TMR Processor	I45	352000	Build 100
P8110C	TMR Processor	I45	352000	Build 100
P8110B	TMR Processor – For use with P8161 Only	I46	352000	Build 101
P8151B	Communication Interface	B24	352020	Build 022.1
P8151C	Communication Interface	B24	352020	Build 022.1
P8151B	Communication Interface	C2	353570	Build 02
P8151C	Communication Interface	C2	353570	Build 02
P8161	Bridge Module	A	N/A	N/A
P8170	Gateway Module – Non Interfering – Reduced temperature specification.	B2	353690	Build 02
P8170C	Gateway Module – Non Interfering – Reduced temperature specification.	B2	353690	Build 02
P820X	Power Supply Rack		N/A	N/A
P8220	15Vdc Power Supply Unit, 110 - 220 VAC, Dual Input	A	N/A	N/A
P8225	24Vdc Power Supply Unit, 110 - 220 VAC, Dual Input	A	N/A	N/A
P8300	Expander Chassis	C	N/A	N/A
P8310	Expander Processor	J	N/A	N/A
P8310C	Expander Processor	J	N/A	N/A
P8311	Expander Interface	I	N/A	N/A
P8311C	Expander Interface	I	N/A	N/A
P8314	Fiber TX/RX Unit	A	N/A	N/A
P8314C	Fiber TX/RX Unit	A	N/A	N/A
P8402	Digital Inputs, Dual, 24 VDC	F37	352740	Build 037
P8402C	Digital Inputs, Dual, 24 VDC	F37	352740	Build 037
P8403	Digital Inputs, Triplicated, 24 VDC	I37	352750	Build 037
P8403C	Digital Inputs, Triplicated, 24 VDC	I37	352750	Build 037
P8423	Digital Inputs, Triplicated, 120VDC	J37	352780	Build 037
P8423C	Digital Inputs, Triplicated, 120VDC	J37	352780	Build 037
P8431	Analog Inputs, Triplicated	H37	352790	Build 037

P8431C	Analog Inputs, Triplicated	H37	352790	Build 037
P8432	Analog Inputs, Dual	F37	352800	Build 037
P8432C	Analog Inputs, Dual	F37	352800	Build 037
P8433	Analog Inputs, Triplicated, isolated	C37	353120	Build 037
P8433C	Analog Inputs, Triplicated, isolated	C37	353120	Build 037
P8448	Zone Interface' Triplicated, 24VDC	C37	353190	Build 037
P8448C	Zone Interface' Triplicated, 24VDC	C37	353190	Build 037
P8449	Valve Monitor, Triplicated, 24VDC	B37	352960	Build 037
P8449C	Valve Monitor, Triplicated, 24VDC	B37	352960	Build 037
P8451	Digital Outputs, Triplicated 24 VDC	K37	353100	Build 037
P8451C	Digital Outputs, Triplicated 24 VDC	K37	353100	Build 037
P8461	Digital Outputs, Triplicated 48VDC	H37	352820	Build 037
P8461C	Digital Outputs, Triplicated 48VDC	H37	352820	Build 037
P8461	Digital Outputs, Triplicated 48VDC	I37	353110	Build 037
P8461C	Digital Outputs, Triplicated 48VDC	I37	353110	Build 037
P8471	Digital Outputs, Triplicated 120VDC	J37	352830	Build 037
P8471C	Digital Outputs, Triplicated 120VDC	J37	352830	Build 037
P8472	Digital Outputs, Quad 120V AC	B37	353430	Build 017
P8472C	Digital Outputs, Quad 120V AC	B37	353430	Build 017
P8480	Analog Output, Triplicated 4-20 mA	G45	353280	Build 045
P8480C	Analog Output, Triplicated 4-20 mA	G45	353280	Build 045

	<b>Manufacture</b>	<b>Test institute</b>	<b>Certifier</b>
Signature			
	Creech	Kemp	Gall
Date	2004-12-06	2005-02-25	2005-02-25