Appendix B 1. Statement of Supplier

Supplier name	ABB Automation Products GmbH
Supplier address	Eppelheimer Str 82
City	69123 Heidelberg
Country	Germany
Telephone	06221 701 1444
Fax	06221 701 1382
Email address	plc.support@de.abb.com
Product Name	ABB AC500 PS552-MC Motion Control Library
Product version	V3.0
Release date	January 2014

I hereby state that the following tables as filled out and submitted do match our product as well as the accompanying user manual, as stated above.

Name of representation (person): Gernot Gaub	Head of PLC and Automation Germany Technology Manager Product Group PLC
Date of signature (dd/mm/yyyy):	
Signature:	

Function Blocks for Motion Control

Compliance Procedure and Compliance List



Appendix B 3. Overview of the Function Blocks

Single Axis Function Blocks	Supported as	Comments (<= 48 char.)	
	V1.0/ V1.1/		
	V2.0 or Not		
MC_Power	V 2.0		
MC_Home	V 2.0		
MC_Stop	V 2.0		
MC_Halt	V 2.0		
MC_MoveAbsolute	V 2.0		
MC_MoveRelative	V 2.0		
MC_MoveAdditive	V 2.0		
MC_MoveSuperimposed	V 2.0		
MC_HaltSuperimposed	V 2.0		
MC_MoveVelocity	V 2.0		
MC_MoveContinuousAbsolute	V 2.0		
MC_MoveContinuousRelative	V 2.0		
MC_TorqueControl	No		
MC_PositionProfile	V 2.0		
MC_VelocityProfile	V 2.0		
MC_AccelerationProfile	V 2.0		
MC_SetPosition	V 2.0		
MC_SetOverride	V 2.0		
MC_ReadParameter &	V 2.0		
MC_ReadBoolParameter			
MC_WriteParameter &	V 2.0		
MC_WriteBoolParameter			
MC_ReadDigitalInput	No	Supplier specific implementation, PLC process image	
MC_ReadDigitalOutput	No	Supplier specific implementation, PLC process image	
MC_WriteDigitalOutput	No	Supplier specific implementation, PLC process image	
MC_ReadActualPosition	V 2.0		
MC_ReadActualVelocity	V 2.0		
MC_ReadActualTorque	No	Supplier specific implementation, PLC process image	
MC_ReadStatus	V 2.0		
MC_ReadMotionState	No		
MC_ReadAxisInfo	No		
MC_ReadAxisError	No	Supplier specific implementation, PLC process image	
MC_Reset	V 2.0		
MC_DigitalCamSwitch	No	Supplier specific implementation, different library	
MC_TouchProbe	No	Supplier specific implementation, different library	
MC_AbortTrigger	No	Supplier specific implementation, different library	
Multi-Axis Function Blocks	Supported as V1.0/ V1.1/	Comments (<= 48 char.)	
	V2.0 or Not		
MC_CamTableSelect	V 2.0		
MC_CamIn	V 2.0		
MC_CamOut	V 2.0		
MC_GearIn	V 2.0		
MC_GearOut	V 2.0		
MC_GearInPos	V 2.0		
MC_PhasingAbsolute	V 2.0		



MC_PhasingRelative	V 2.0	
MC_CombineAxes	V 2.0	

Table 3: Short overview of the Function Blocks