

Mill Automation System Installation Sign-off

Item	Completed/Notes
Mill Automation System Setup & Validation	
<ul style="list-style-type: none"> ● MAS System Power-Up and Test 	
<ul style="list-style-type: none"> ○ Power-up and connect user interface 	
<ul style="list-style-type: none"> ○ Digital Outputs working with proper function of the following devices through the I/O panel: <ul style="list-style-type: none"> ■ Vise 1 Open/Close ■ Vise 2 Open/Close ■ Vise 3 Open/Close, if applicable ■ Vise 4 Open/Close, if applicable ■ Gripper Open/Close ■ Door Open/Close ■ VersaWash ■ Cycle Start *cycle start connection is working 	
<ul style="list-style-type: none"> ○ Digital Inputs working with proper function of the following devices through the I/O panel: <ul style="list-style-type: none"> ■ VSC Enable ■ Vise Sensors, if applicable ■ Door Sensors, if applicable ■ Cycle Complete, if applicable 	
<ul style="list-style-type: none"> ○ VSC Serial Number and Software Version are correct/up-to-date 	
<ul style="list-style-type: none"> ○ Network Settings setup with WiFi or Network Connected 	
<ul style="list-style-type: none"> ○ Remote support enabled and verified on-line 	

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<ul style="list-style-type: none"> ● Verify the system can be switched from Manual to Auto modes via the Diverter valve. Manual valves work as expected. 	
<ul style="list-style-type: none"> ● CNC programs are installed on CNC 	
<ul style="list-style-type: none"> ● CNC settings are verified 	
<ul style="list-style-type: none"> ● Required process scripts are enabled on VSC 	
<ul style="list-style-type: none"> ● Calibration complete: <ul style="list-style-type: none"> ○ VersaCart ○ InCNC ○ Vises 	
<ul style="list-style-type: none"> ● Run Sample Part (provided jaws and part from VersaBuilt): <ul style="list-style-type: none"> ○ Test part is configured on VSC ○ Test part process runs with CNC program that is table load position (preferred 2 op, or process that will mimic customer process), picking from each of the 8 calibration quadrants (see calibration section in installation manual) <p><i>*no machining</i></p>	
<ul style="list-style-type: none"> ● Customer Training - Home page <ul style="list-style-type: none"> ○ Recovery screen ○ Running parts 	
<ul style="list-style-type: none"> ● Customer Training - Jaw & Part Configuration 	
<ul style="list-style-type: none"> ● Customer Training - I/O Panel <ul style="list-style-type: none"> ○ Demonstration of setting I/O ○ How to use for troubleshooting 	

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<ul style="list-style-type: none"> ● Customer Training - Settings and Networks Settings Pages <ul style="list-style-type: none"> ○ Setting page review ○ Network page review ○ Connect to local network/Wi-Fi 	
<ul style="list-style-type: none"> ● Customer Training - Calibration Process 	
<ul style="list-style-type: none"> ● Customer Training - Recovery <ul style="list-style-type: none"> ○ Robot Home positions ○ Recovery from collision ○ Freedrive robot 	
<ul style="list-style-type: none"> ● Customer Training - System capabilities <ul style="list-style-type: none"> ○ Scripts (one op, two op, pipelining, etc.) ○ Advanced part configuration options 	
<ul style="list-style-type: none"> ● Customer Training - Review Troubleshooting Guide *from VersaBuilt website, most common: <ul style="list-style-type: none"> ○ A change was made to the system ○ Something moved (CNC, Cart, Robot Position, Vise position) ○ Settings on robot or CNC have been changed ○ Incorrect payload (part weight, jaw weight) ○ Chip control issues 	
<ul style="list-style-type: none"> ● Run customer parts <p>*if the customer is ready with material, programs, and part has been proven via hand loading etc. **alternatively, sign-off will be completed by running sample part without machining</p>	

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Company Name: _____

Customer Rep: _____

Customer Signature: _____ Date: _____