

The following are guidelines. Client or Project Specifics may superseded this document. Consult Project Manager with conflicts.

Task Step	Step Hazard	Hazard Mitigation	Picture
<p>Safety precautions.</p> <p>1) Review owner's manual, do not use machine in a manner other than stated. Use other than stated in the instructions is forbidden.</p>			
<p>2) Inspect equipment for damage to:</p> <ul style="list-style-type: none"> a. Power Conditioner/Cords b. Heat plate c. Collets d. Ensure firmly mounted to cart or table 	N/A	N/A	
<p>3) Set up tool</p> <ul style="list-style-type: none"> a. Wipe down machine with approved cleaning solution and lint free towel if warranted b. Connect power conditioner and power cords c. Plug in facing tool d. Be aware of direct positive air flow above the machine (may cause QA issues) 	<ul style="list-style-type: none"> a. Spills b. Electrocutation c. Pinch Points d. N/A 	<ul style="list-style-type: none"> a. Use care when handling cleaning solution b. Utilize GFCI c. Finger awareness/ Proper lifting technique d. N/A 	
<p>4) Prep for weld</p> <ul style="list-style-type: none"> a. Program machine for material and size b. Insert spacing tool and pipe c. Insert facing machine 	<ul style="list-style-type: none"> a. N/A b. Pinch Points c. Pinch Points 	<ul style="list-style-type: none"> a. N/A b. Watch finger placement c. Finger awareness/ Proper lifting technique 	
<p>5) Run facer</p> <ul style="list-style-type: none"> a) Using one hand on button, one hand on lever b) Remove facer c) Brush weld 	<ul style="list-style-type: none"> a. N/A b. Pinch Points c. Dust/Eye irritation 	<ul style="list-style-type: none"> a. N/A b. Watch finger placement c. Eye protection 	

TASK SAFETY PROCESS



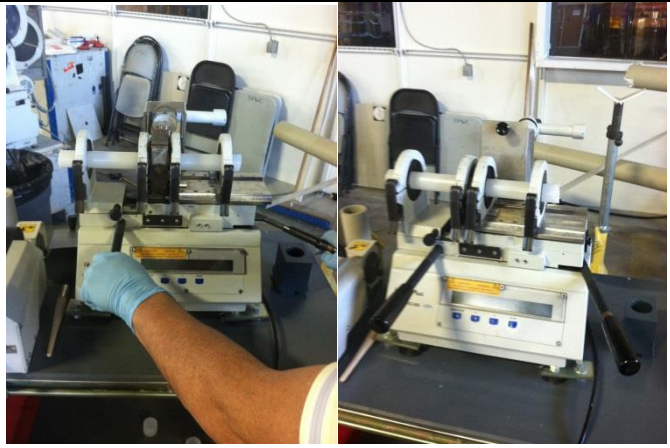
Title: Plastic Fusion Machines
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Reviewed By: Doug Patton, Ron Beverly, Chad Smit, Brad Bechinske

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<p>6) Heat and Weld</p> <ul style="list-style-type: none"> a. Remove heat plate b. Insert heater using two hands on levers c. Heat pipe d. Return heater using two hands on levers e. Return heat shield f. Operate levers with two hands to fuse pipe g. Wait for cool down alarm h. If machine is to be left unattended while on (ie. obtaining material, break etc.) 	<ul style="list-style-type: none"> a. Burns b. N/A c. N/A d. N/A e. Burns f. N/A g. Burns h. Burns 	<ul style="list-style-type: none"> a. Watch finger placement b. N/A c. N/A d. N/A e. Finger awareness f. N/A g. Don't touch! h. Install signage to indicate to others that the machine is active and burn hazards are present. 	
<p>7) Remove Spool</p>	<p>Pinch points</p>	<p>Finger awareness/ Proper lifting technique</p>	
<p>8) Install Welder ID Sticker</p>	<p>N/A</p>	<p>N/A</p>	
<p>9) Continue to next weld</p>	<p>Refer to step 3 and repeat</p>	<p>Refer to step 3 and repeat</p>	

****SPECIAL NOTES****

1. ALL EMPLOYEES UTILIZING GF PLASTIC FUSION MACHINES MUST BE GF CERTIFIED.
2. ALL EMPLOYEES UTILIZING PLASTIC FUSION MACHINES MUST BE BMW CERTIFIED.