## Moldworks Inc. NEW MOLD BUILD CHECKLIST

Customer:	Part Name:	Mold #:
Date:	Part Number:	

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Yes	9 2	N/A		
			1.	Water lines are checked for flow and leaks at 80 psi min.
			2.	Water lines are marked per customer specification.
			3.	All water lines are clear of metal chips.
			4.	Stamping requirements are completed per customer specification
			5.	Core, cavity and gate are polished per specified finish?
			6.	All three plate molds are stamped with maximum mold open dimensions.
			7.	All cavity and core inserts are stamped for type of steel and Rockwell "C" hardness.
			8.	Pick-outs can only fit one way and are numbered on P/L.
			9.	Does mold have sufficient support pillars?
			10.	All pins and inserts are keyed and individually marked so the mold can be disassembled and reassembled,
			11.	Do leader pins engage before angle pins and coring?
			12.	Are clamp slots 7/8" or per customer specification
			13.	Are all vent channels, vent pins and leader pins vented to atmosphere?
			14.	Sprue puller per mold design
			15.	Does knock out pattern match specified press for this tool?
			16.	Nozzle seat meets customer specification 3/4" or 1/2" for sprue.
			17.	Have eye bolt's been provided?
			18.	Mold and cavity edges are checked for burrs and nicks. Chamfer all outside edges of mold plates for safety.
			19.	Is there sufficient ejection system travel and ejector system moves freely?
			20.	Cam and leader pins are greased and cams have grease grooves
			21.	Safety strap is on outside of mold on operator side.
			22.	Are pry bar slots provided?
			23.	Has Tool Certification Report been completed if required.
			24.	Are tooling prints and database included with the mold?
			25.	Cavity number & engraving if required?
			26.	Is there retention on slides?

Checked By:	Date: