BUSCH PRECISION INC.
MACHINING & MAINTENANCE SERVICES

PREVENTATIVE AND PREDICTIVE MAINTENANCE PROGRAM

MECHANICAL INTEGRITY

PRODUCTION CAPABILITIES

	PHASE I: BASELINE ASSESSMENT	*PHASE II:* CORRECTIVE ACTIONS	*PHASE III:* PERIODIC CUSTOM CERTIFICATION & ADJUSTMENTS
SET UP: • Specification, Background & Custom Maintenance List • Customer-Specific Documentation	One Time Completion		
ALIGNMENT: • Machine Geometry or Relationship of One Axis to Another, i.e. Perpendicular, Straightness, or Parallel	Baseline Assessment & Leveling of Machine	Alignment of Machine Geometry	Semi-Annual – Ball Bar Test & Custom Preventative Maintenance Annual – Baseline Assessment
ANGULAR ACCURACY: • Ability to Hold a Consistent Bearing During Operation, Often Referred to as Pitch, Yaw, and Roll	Baseline Assessment	Machine Mechanical Repairs	Semi-Annual – Ball Bar Test & Custom Preventative Maintenance Annual – Baseline Assessment
POSITIONING & REPEATABILITY: • Ability to Consistently Position a Tool with Respect to a Work Piece Under Similar Conditions	Baseline Assessment	Machine or Control Repairs	Semi-Annual – Ball Bar Test & Custom Preventative Maintenance Annual – Baseline Assessment
CALIBRATION: • Adjustment of Positioning and Angular Accuracy		Machine Repairs & Positioning Adjustment	Semi-Annual – Ball Bar Test & Custom Preventative Maintenance Annual – Baseline Assessment
VISUAL INSPECTION: • Evaluation of the Machine Purely by Observing it Both Statically and Under Operation, But Without Actually Testing, Monitoring, or Measuring Machine Capabilities	Baseline Assessment		Semi-Annual – Inspection & Custom Preventative Maintenance Annual – Baseline Assessment
OEM OR BPI SPECIFIED PREVENTATIVE MAINTENANCE: • Custom Designed Service Program as Specified by the OEM or BPI	Baseline Ball Bar & Establish Specific Custom Program	Electrical or Controls Repairs	Semi-Annual – Custom Preventative Maintenance