

MANUFACTURING FEASIBILITY STATEMENT

BACHMAN MACHINE COMPANY
4321 N. BROADWAY
ST. LOUIS, MO 63147

PART NAME _____

PART NUMBER _____

BP REVISION/DATE _____

Manufacturing Feasibility is a commitment by Bachman Machine Company that the above referenced part number can be manufactured as designed per the current released blueprint. For a product to be declared feasible, it must meet the following criteria:

-The product must be capable of being manufactured with proven, yet innovative, commercially available equipment.

-The design must permit meeting production volumes and schedules while consistently producing products that meet Engineering drawing tolerances and/or test requirements.

-The proposed manufacturing process must be cost effective and meet individual business plan objectives for operational efficiency, quality, and customer satisfaction.

FM6

REV. A
5/25/95

FEASIBILITY ASSESSMENT

- () FEASIBLE Product can be produced as specified with no revisions.
- () FEASIBLE Changes recommended. Product can be improved or be produced at a lesser cost if proposed changes are incorporated.
- () MARGINALLY FEASIBLE Change recommended to achieve minimum Cpk of 1.67.
- () NOT FEASIBLE Design revision recommended to produce product within the specified Cpk requirements.

Name/Address/Phone Number

Date

Quality Manager or Engineer

Manufacturing Manager

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FEASIBILITY CONSIDERATIONS

BMC considers the following questions, not intended to be all inclusive, in performing a feasibility evaluation. The drawings and/or specifications provided with the request should be used as a basis for all "NO" answers with comments identifying our concerns and/or proposed changes to enable us to fully comply to the required specifications. Comments, as appropriate, may also be requested or other pertinent considerations not mentioned below. If you require additional space for comments, please attach to this form. If additional comments are required, they will be attached to this form.

- | YES | NO | <u>CONSIDERATIONS</u> |
|-----|-----|---|
| () | () | Can all products be manufactured as specified on the drawing with a minimum Cpk of 1.67 for all significant/critical characteristics?
-Compatibility of specifications to accepted manufacturing standards.
-Containability to tolerance stack-up.
-Special equipment required.
-Adequacy of product definition to enable feasibility evaluation. |
| () | () | Can we meet Quality Standards as written.
-Establishment of Process Capability at required volumes.
-Maintenance of required Quality System controls. |
| () | () | Can we meet all specified requirements at the projected volume levels.
-Adequacy of capacity. Has the process been fully analyzed to support production at the required volume and quality levels? |
| () | () | Can the product be produced without incurring any unusual costs (capitol equipment, tooling or piece costs)?
-Product improvement proposals.
-Cost reduction alternatives. |

STATISTICS DECLARATION

- | | | |
|-----|-----|---|
| () | () | Do we currently employ Statistical Process Control (SPC) on similar products or processes? Are they in control? |
| () | () | Are similar processes in control, capable, and within the minimum 1.67 Cpk? |
| () | () | Are we committed to the use of Statistical Process Control (SPC) for this product if awarded the business? |