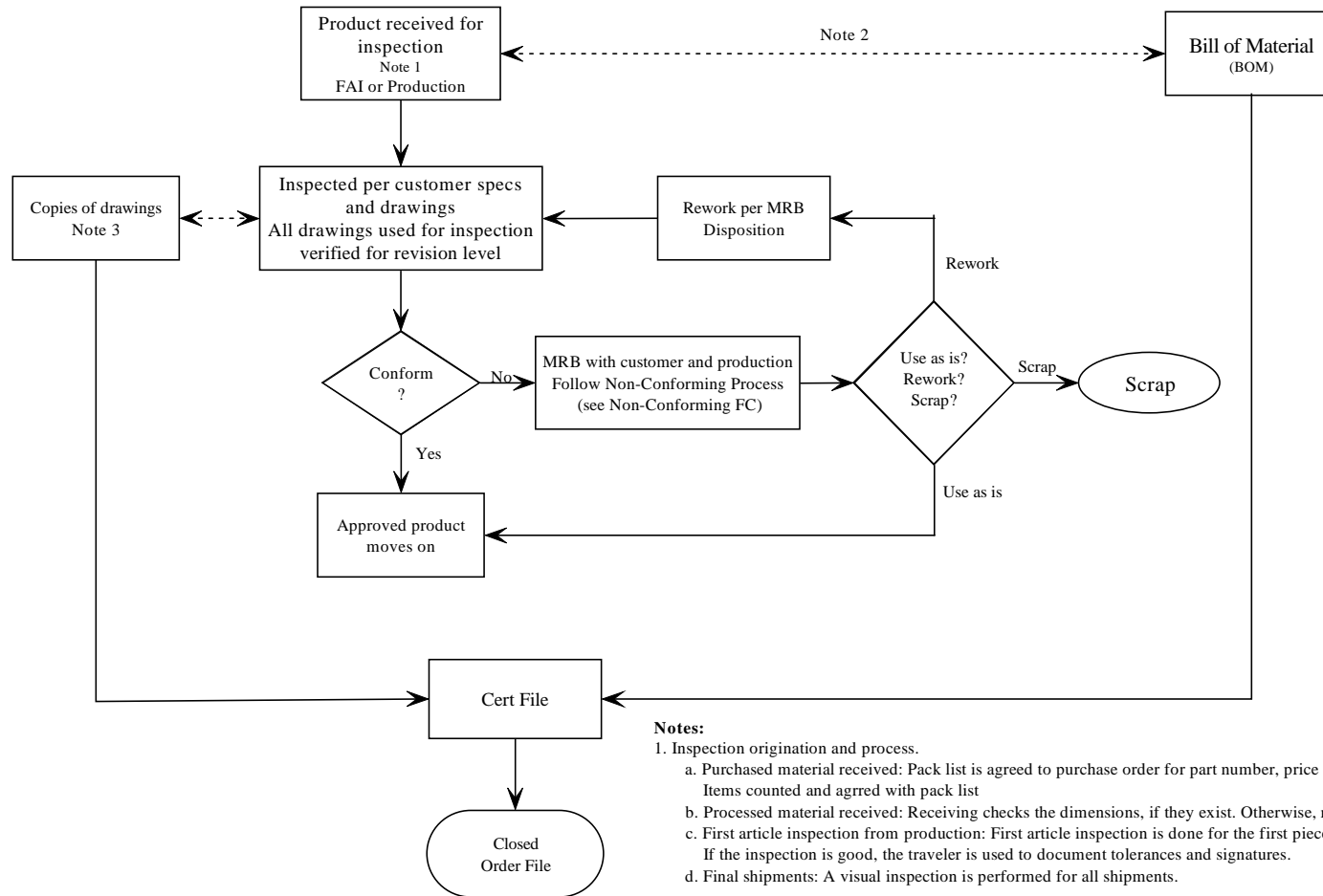


Kreis Tool Quality Inspection Flowchart



Notes:

1. Inspection origination and process.
 - a. Purchased material received: Pack list is agreed to purchase order for part number, price and quantity. Items counted and agreed with pack list
 - b. Processed material received: Receiving checks the dimensions, if they exist. Otherwise, receiving checks certification.
 - c. First article inspection from production: First article inspection is done for the first piece of every production run. If the inspection is good, the traveler is used to document tolerances and signatures.
 - d. Final shipments: A visual inspection is performed for all shipments.

2. A Bill of Material is produced for every government job. The Bill of Material lists all of the parts for the job, whether the part is purchased or manufactured and whether any outside processes are needed. Completion is indicated by highlighting the part numbers. The final inspection includes a review of this copy of the Bill of Material to ensure that all machining and processing took place.

3. Copies are made of the drawings for the job. QC inspects the part and inputs the measurements onto a computer worksheet, along with the drawing requirements and tolerances. The worksheet calculates the deviation from the drawing and prints the calculation if it is outside the tolerance levels. After inspection, the QC manager signs and dates the drawing, attaches the deviation worksheet and places them both in the Cert File.

4. Corrective Action Report is drawn up when material is returned from the customer, or vendor material is rejected. QC fills out a Corrective/Preventive Action Request Form and faxed to the vendor where they report their corrective action and fax it back. QC signs off on the report and keeps it in a follow up file to determine if the problem is recurring.