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GNB Quality Code: 197  
Revision: -  
Purchase Order Specifications

- I. Introduction and Scope
  - a. This quality code has act as an ancillary specification to any purchase order or drawing on which it is referenced.
  - b. The content of this quality code shall apply as applicable to the work being performed and the product being produced by the supplier for GNB Corporation.
  - c. Conformance to this document helps to ensure GNB produces acceptable vacuum hardware which will “WOW” the customers and create sustainable ongoing business.
  
- II. Specifications
  - a. Part Markings
    - i. Parts shall be marked/ identified in a manner in which they may be easily identified by GNB receiving. Marking each part with the part number is sufficient.
    - ii. When shipments contain a small quantity of different shaped parts, or when the shipment contains a high quantity of the same part a packing slip is adequate to identify parts.
    - iii. When a high quantity of various parts is received, or any quantity of parts that are similar in nature (similar shape, size, properties), it is necessary to mark or identify each one individually.
  
  - b. Weld Repairs/ Alternative constructive
    - i. Weld repairs are sometimes a necessary part of fabrication of steel. Structurally, weld repairs can create a weakness in the design. In vacuum, weld repairs create potential leak paths and “virtual leaks.”
    - ii. Therefore, all weld repairs must be approved by GNB.
    - iii. Similarly, methods of alternative construction not defined by the drawing or purchase order must be approved by GNB. Examples include two piece construction of an axel when shown as one piece.
  
  - c. Material Substitutions
    - i. Material shall be provided according to the Purchase Order or referenced documents. Substitutions from the specified grade of material are never to be determined by the supplier. This includes substituting an equivalent or “better” material grade.
    - ii. All material substitutions may only be accepted with documented approval by GNB Corporation personnel on the Purchase Order or referenced documents.
  
- III. Controls
  - a. This specification is overseen by GNB purchasing and quality department.
  - b. Requested deviations shall be recorded or approved as indicated in each specification.
  - c. Specifications on the purchase order shall overrule this specification when conflicting.



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