

HORSTMAN CANADA
SUPPLIER QUALITY ASSURANCE REQUIREMENTS
SQAR No. 24

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The requirement outlined below, as specified on this purchase order and subsequent amendments, forms in integral part of the purchase order between Horstman Canada and the seller. The requirement shall remain in force for the duration of this purchase order only, unless deviation is authorized in writing by Horstman Canada.

24. Statistical Process Control

- 24.1. Where the "Star" symbol appears on a drawing or specification, the seller shall be responsible for using approved statistical methods in the inspection of the specific characteristic marked. The seller shall have a Statistical Process Control Program in effect at their facility. The statistical data collected during processing of these components will be submitted to Horstman Canada either with or before shipment. Failure to supply these documents may be cause for rejection until the seller complies.
- 24.2. Where the "Diamond" symbol appears on a drawing or specification, the seller shall be aware that deviation from that specific dimension or characteristic cannot and will not be granted since the control of that characteristic lies not with Horstman Canada, but with Horstman Canada's Customer or the end user of the product.
- 24.3. Where the "Doughnut" symbol appears on a drawing or specification, the seller shall be aware that the dimension or characteristic so marked, is critical to the fit, form or function of the component. It is desirable but not necessary for the seller to monitor these characteristics using approved statistical techniques. Regardless of the control methods used, they should be adequate to maintain conformance to product drawings.
- 24.4. In addition to the above; Horstman Canada may provide the seller with Customers/end user's drawings which incorporate their own unique SPC symbols and/or notes. In this case, SPC requirements of such drawings must be complied with and the conditions of the "Diamond" symbol above will also apply.
- 24.5. Process Capability Index (Cpk): Major characteristics shall maintain a Cpk index equal to or greater than 1.33 for variables or a 99.73% process average rate of acceptance for attributes; unless otherwise directed by the purchase order. Alternative control methods shall be 100% inspection and/or test of the major characteristics.

<u>REVISION</u>	<u>DATE</u>	<u>DESCRIPTION</u>	<u>REV'D BY</u>
E	JUNE 07/2023	REVISED TO HC	C. ALBECKER