

Coded Note Number: IC040

Revision: **C003**

Date: **November 29, 2017**

Title: Packing and Shipping Requirements

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.

Bolded font indicates changed/added content.

*[text deleted]* inserted in the document indicates the removal of content.

Packing and shipment shall be such that material is not damaged and that tags on each item shall remain intact, in place and legible for short time storage and handling after receipt. Packing shall ensure maintenance of the degree of cleanliness required for the component or part until delivered and accepted at the shipping destination. **Any orifices (end connections and other openings) for components covered by this purchase order shall be capped and sealed prior to shipment in order to maintain cleanliness and provide maximum protection against damage and contamination during shipment and storage at NNS. Orifices shall be individually capped and sealed. Standard shipping packaging is not an acceptable alternative for capping and sealing of orifices.**

**Preferred materials for devices used to cap or plug opening are: non-galvanized metal, high strength rigid plastic, or rubber. However, these materials are required to cover openings on piping components with internal crevices or inaccessible areas (valves, pumps, etc.).**

The use of yellow wrapping or yellow protection devices such as caps and plugs are strictly prohibited.

Each shipping container shall be substantially marked with the item and purchase order numbers.

All machined surfaces such as flange faces (phonographic finish), end preps, threads (male/female), etc. shall be protected from potential damage from material transport/storage using caps/covers/plugs made of silicon rubber, stainless steel, aluminum, rigid Teflon, rigid polyethylene, ethylene propylene rubber, nitrile butadiene (Buna-N) rubber, polyamide (Nylon), acetal homopolymer (Delrin), or rigid polyurethane (Pellethane). Clear materials are not allowed. Sealing tape must be 3M Performance Plus Duct Tape 8979N, slate blue in color. **For flange mating surface protection on piping components with internal crevices or inaccessible areas (valves, pumps, etc.) covers are to be taped on flanges, the back of the bolt holes must be taped unless the cover is secured inside the bolt hole diameter.**