

N3000

This note serves as general instructions for invoking non-destructive test (NDT) coded notes (PPN) and is not to be invoked in Material Numbers (NNPN).

General instructions for NDT PPNs:

1. When radiography (RT) of a casting is required, invoke PPNs N3100, N3120 and N3130.

Note: substitute PPN N3140 for N3100 when all suppliers will use the same radiographic shooting sketch (RSS) (i.e. NN/NAVY Standard Drawings).

2. When RT of a weld is required, invoke PPNs N3110, N3120 and N3130.
3. When visual test (VT) of weld or ultrasonic inspection (UT)/magnetic particle test (MT)/liquid penetrant test (PT)/**alloy identification (AID)** of a casting, weld, machined part, raw material, etc. is required, invoke PPN N3130.
4. **In lieu of N3170, invoke PPN LI020 (UT), LI021 (AID), LI022 (PT) and/or LI023 (MT)** as applicable whenever the contract or equipment/material specification requires the procuring/requisitioning activity or command or designated agency approve the NDT procedure. Also invoke for all level I (MC-I and Q-I) items excluding the following commodities: Fasteners, Pipe/Tube, Fittings, Plate, Sheet, Shapes and Bar Stock. (Also invoke PPNs C2560 and C2780 except when the Technically Responsible Engineering Department (TRD) determines NDT certificates are not desired and adds a note to NNS Info Only notepad 002 directing the PMO not to invoke C2560 and C2780.)
5. **Use PPN N3180 in lieu of LI020 (UT), LI021 (AID), LI022 (PT) and/or LI023 (MT)** when NDT is required to be performed but the NDT procedure is not to be submitted to NNS for approval. This applies to all STD material control level items and the following MC-I/Q-I commodities: Fittings, Fasteners, Pipe/Tube and Raw Material. (Also invoke PPNs C2560 and C2780 except when the TRD determines NDT certificates are not desired and adds a note to NNS Info Only notepad 002 directing the PMO not to invoke C2560 and C2780.)

See QAI 260.7 for guidance on level I pressure boundary parts.

6. When commodities such as heat exchangers, pumps, hoists and turbines require NDT of multiple welds and castings, invoke PPN N3150.

These instructions were revised 5/15/12 to reflect consolidation of Nuclear and Non-Nuclear PPNs and in support of "A" item for timely receipt of material. Coded note N3170 will continue to appear on placed orders. N3170 shall be replaced by the applicable LI PPN at the next revision of the NNPN.

