

# Digital Nameplate® Applications In: Inventory Management

**Lower cost of operations, increase accuracy, and improve tracability for your manufacturing process with Digital Nameplate®.**



## RECEIVING

A Digital Nameplate® attached to lot containers and warehouse locations is scanned as materials are received and stored. Location and source information, such as heat treat numbers, are automatically associated with lots.



## TESTING

As tests and inspections are performed, the Digital Nameplate® on lots are scanned and associated with results. Test results become part of the lot's permanent record in the inventory management system.

Test results can be easily viewed for any lot or source in the system.



## PICKING

The use of a Digital Nameplate® in the receiving process allows the inventory system to be queried to find the exact location of materials matching desired specifications.

Lot containers are scanned as material is removed, allowing the inventory system to keep precise records of on-hand quantities.

## ASSEMBLY

As the material is picked for use in the final assembly, the Digital Nameplate® that will be attached to the finished product is scanned.

The inventory system now has an exact record of what materials were used in the construction of the finished part, providing traceability of all data gathered through the process back to the original heat treat number.



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Heat numbers are assigned to materials. These numbers follow the material through the manufacturing process.



A vinyl Digital Nameplate® taken from sheets of preprinted labels is attached to a lot container. Alternatively, a metal Digital Nameplate® can be attached using temporary holders and reused when creating new lots.



As materials are placed into newly created lots, the Digital Nameplate® is scanned and the scanning application prompts the user to enter the heat treat number and the amount of material being stored into the lot.



As tests are conducted, the Digital Nameplate® on the lot is scanned and test results are associated with the lot. This allows the inventory control system to automatically maintain testing history of the material in the lot.

Tests can be associated with lots by using ID numbers assigned to each test or, alternatively, by being entering test results directly into the scanning device for synchronization with the inventory management system.



A metal Digital Nameplate® is attached to each inventory storage location.

As lot containers are placed in storage, the Digital Nameplate® on the lot and on the storage location are scanned.

This data can be used by the inventory management system to facilitate locating material during the picking process.



At the start of the assembly process, a metal Digital Nameplate® is chosen and scanned.



As materials are picked, the lot containers are scanned, and the inventory management system automatically associates the materials with the Digital Nameplate®.



The metal Digital Nameplate® is attached to the final assembly. The Digital Nameplate® is scanned and associated with final inspection by scanning or typing the number of the final inspection.