



Welcome to BMP - Best Manufacturing Practices.

Electric Boat Corporation, Quonset Point Facility - North Kingstown, RI

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Information : Automated Tool Inventory Control Tracking System

In the past, Electric Boat Corporation, Quonset Point Facility (EBQP) used a manual system to handle consumable items. One employee flagged all low inventory items by using handwritten, three-part requisition cards. Another employee collected data from these cards and wrote up buy orders. The orders were then processed through signature and procurement cycles which further delayed the reorder process. Unique tools were manually issued out to employees on metal chits. Each employee had five chits for tool withdrawal. Reports on delinquent tools, tool repairs, and replenish orders were generated manually. All consumables issued to an employee required an authorization signature by a supervisor who had to determine the needs and qualifications of the employee. In 1986, EBQP improved these tasks by implementing the Automated Tooling Inventory Control Tracking System (ATICTS).

ATICTS is an end-user designed, automated system that tracks and controls consumable items such as welding inserts, wire, and critical tooling. In addition, this off-the-shelf software package has been enhanced and linked to EBQPs Automated Weld Process Selection System (AWPSS), so only qualified, authorized personnel can obtain an item from the system. ATICTS can track usage and maintain inventory levels which are initially set by the system administrator. Other capabilities of the system include linking directly to the Purchasing Department to ensure timely reordering of low inventory items, and generating a wide variety of reports such as vendor history, unit prices, cost data, delinquent tools by an employee, and daily transactions on issues from the tool crib areas.

ATICTS provides EBQP with an accurate, effective way to track and control consumable items. This system provides on-line information to the tool crib as well to the foreman.

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