

Quality Control Management for Microsoft Dynamics NAV

Every company needs to know how its business processes are going on so as to check its efficiency and effectiveness. For this, there has to be some measurement standard or process.

Be it any company in any industry, without knowing the quality of its manufactured products, it cannot even think of making profits, let alone making some.

Quality Control Management for Microsoft Dynamics NAV looks after two important functionalities of a Quality control department:

In Bound QC

Create Specifications, Parameters and Sampling plans. Inspection Data Sheets are generated on the basis of the specifications, parameters and the sampling plan while Inspection Reports are generated automatically on the basis of the details of Accepted Quantity, Rejected Quantity etc. This module is integrated with the existing Purchase module and the inventory management.

WIP Quality Control

Define Characteristics, Inspection Groups, Specifications, and Sampling plans for any defined production process output or sub assembly. Inspection Data Sheets are created on the basis of the Production Order line, based on the Specifications and Sampling Size assigned to the defined item (finished Item or Sub Assembly) while Inspection Reports are generated automatically on the basis of the details of Accepted Quantity, Rejected Quantity, etc. This module is integrated with the existing Manufacturing module, Inventory and Warehouse Management.

The system yields Statistical Analysis in the form of graphs, charts, etc. and also draws interpretations of the data collected. This helps you in controlling all the processes for better productivity, increased efficiency and also to study the capabilities of processes.

Quality can be checked at many stages, from purchasing raw materials to delivering the final products to customers. Broadly, these are defined into four stages as:

- **Purchase**

Maintaining a high-level of product quality by incorporating comprehensive inspection procedures of incoming material.



- **Production**

Unfinished goods are checked on the basis of many customizable parameters such as diameter, roughness, visual check, etc.

- **Sales Return**

Checking the quality of the goods returned by the customers due to various reasons and then

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transferring those goods to either accepted inventory, rejected inventory, or rework inventory.

- **Transfer Orders**

Checking the quality of the goods when you receive them from another location to yours so as to check whether any damage has been caused to any goods during transfer.

An important point to notice is that all these stages' quality check are linked with one another. This helps in maintaining a standard process of quality control throughout the organization.



The salient features of Quality Management for Microsoft Dynamics NAV are:

- Define characteristics, parameters, sub-assemblies, inspection groups and specifications
- Prepare customized or standard Sampling Plans
- Generate Inspection Data Sheets and Reports
- Define Intermediate output of production process as Sub Assembly
- Track Inspection Data Sheets and Reports from Purchase orders, Receipt Notes or Production Order Lines.
- Vendor Rating Quality

What are the benefits?

Quality check at every stage

As mentioned earlier, quality of unfinished goods and finished goods, both can be determined. Not only quality, but it will also guide you as to what to do next.

Define your own parameters

Apart from the default parameters included, you can define the parameters as per your need. You can define unlimited parameters of quality in the system.

Automatic Inspection receipt

Inspection receipt will be created automatically. In this receipt, a combined result of accepted, rejected, under deviation or under rework quantity can be entered and posted.

Tracking

The system tracks all the products and materials that will be used in manufacturing process. Also, any changes in the status of a particular product will be updated.

Defining sampling plan

You can define a specific quantity from a huge lot or a specific percentage of the total quantity of products for quality check. You can also standardize this sampling plan for future references.

Better control on the process

Subjective analysis of Inbound & Work-In-Progress to monitor each and every process efficiently

Vendor Rating

Vendor rating, on the basis of quality, is comparing and rating the vendors at Item level i.e., a combination of Vendor-Item is evaluated. Vendors can be evaluated on the base of many factors but in quality control module, the focus is on quality factor.

For more information:



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