



Plastics Industry

The enhanced QM function of Microsoft® Business Solutions-Axapta® helped different companies to improve its quality check workflows, thereby helping the company to quickly execute follow up actions and facilitating the smooth operations of the following distribution or manufacturing operations.

Situation

Industry description:
Plastics Manufacturing

Objective:

Materials Review Board (MRB) is designed to further enhance the Axapta QC functionality. With MRB, more information such as the reject quantity, reject code and reject disposition are allowed to append to the quarantine order. Relevant users can be informed instantly for any non-conformance, such as RTV (or Returned-to-vendor) or MRB decisions raised by the QC department via the automated email feature. MRB would support the reject disposition by transferring the associated items to separate pre-defined location for reject disposition. The record would be kept under the inventory transfer journal for future inquiries and verification.

Solution Highlight:

Materials Review Board is designed to further enhance the Axapta QC functionality. With MRB, more information such as the reject quantity, reject code and reject disposition are allowed to append to the quarantine order. Relevant users can be informed instantly for any non-conformance, such as RTV (or Returned-to-vendor) or MRB decisions raised by the QC department via the automated email feature. MRB would support the reject disposition by transferring the associated items to separate pre-defined location for reject disposition. The record would be kept under the inventory transfer journal for future inquiries and verification.

Should the quantity are rejected (RTV), an email would be sent automatically to user-defined departments (e.g. accounting, purchasing, etc.) for information and action. Likewise, if users need to seek further confirmation from the management, they would need to trigger the MRB process (via Go-to-MRB), where a re-visit of all the reject details is needed. An approval from an authorized person is required at this stage.

Benefits:

Maintain good traceability of inspections result

The new enhanced quarantine order equips tab pages to store the records and results for quality check. Filtering criteria can be applied to help you identify the right record effectively.

Allow comparison to industrial quality standard

Different business nature and product may have different standard on quality control. The enhanced function would QC architect to enter and define different pre-defined tolerance levels based on selected criteria and incoming batch size.

Automatic suggestion on the sample size, major and minor defect tolerance

Different incoming batch size may have different tolerance level and sample size requirements. The enhanced function automatically retrieves the pre-defined tolerance level and the appropriate sampling size based on selected criteria and incoming batch size.

Email notification of non-conformance

The operation of QC is more transparent than ever. The enhanced function automatically sends emails to a list of pre-defined email recipients for any non-conformance result.

Automatic items transfer based on QC decision & MRB disposition

The decision making is not only for record purpose. Each decision or disposition made in first level QC or MRB will be transferred to a user-defined warehouse/ location. The inventory transactions record stores in the corresponding inventory journals whereas the high-level summary is kept in the quarantine order.

System Validation and Approval Management on MRB

The workflow management of QC is profoundly improved with equipment with system validations and approval checkpoints, which can reduce chances of administrative or decision mistakes.

Checking on accepted quantity upon invoice posting

The condition that only cases or quantities with passed QC result can be updated to the AP subledger means that the Finance Department can be protected from doing extra works as the QC result would be used for executing invoice posting.

Enhanced Quarantine Order

檢取號	物料號碼	倉庫	檢取...	數量	狀況	決定	物料檢...	檢取人員
00014_067	B-R14	GW	Q-GW	30.00	開始	未決定		
00015_067	B-R14	GW	Q-GW	20.00	開始	未決定		
00016_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00017_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00018_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00019_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00020_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00021_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00022_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00023_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00024_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00025_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00026_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00027_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00028_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00029_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00030_067	B-R6	GW	Q-GW	2.00	開始	未決定		
00031_067	B-R12	GW	Q-GW	1.00	開始	未決定		
00032_067	B-R12	GW	Q-GW	1.00	開始	未決定		
00033_067	B-R12	GW	Q-GW	1.00	開始	未決定		AMO
00034_067	B-R12	GW	Q-GW	976.00	開始	未決定		AMO
00035_067	B-R12	GW	Q-GW	1.00	開始	未決定		
00036_067	B-R12	GW	Q-GW	2.00	開始	未決定		AMO
00037_067	B-R12	GW	Q-GW	2.00	開始	未決定		AMO
00038_067	B-R12	GW	Q-GW	1.00	開始	RTV		AMO

Record Results

拒絕數量	主要拒絕...	次要拒絕...	拒絕原因	說明
4.00	2.00	2.00	Mat	Material failure
6.00	2.00	4.00	Mat	Material failure

Approval Management

拒絕數量	處置	說明
1.00	RTV	RTV
2.00	Scrap	Scrap

