

# Quality Control Discrepancy Input Module

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Quality control is the managing the handling discrepancies, dispositions and corrective actions to for manufactured or purchased goods and services.

MIE Trak handles the process of discrepancies through the sales order and work order modules. Supplier discrepancies are handled through the purchase order receiving module.

The Quality Control Discrepancy Input Screen is the same for all inputs which facilitates reporting and responding to items rather than learning new screens for each area.

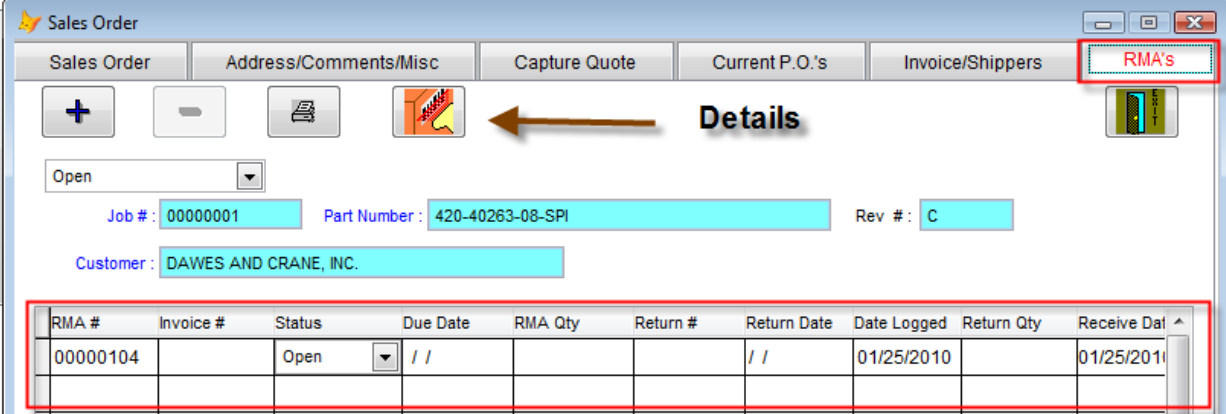
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## Sales Order Module

Sales order RMA's are entered on the sales order screen. Sales order RMA's must be associated directly to a job that has been entered into MIE Trak. Clicking on the + button will create a new RMA. RMA's from sales orders have two special capabilities

1. You can create a work order directly from an RMA. Using the rework router design you are able to modify the router for one time use in order to repair the part.
2. You can invoice the RMA directly.

In order to see all the details of the RMA called the Quality Control Discrepancy Input you hit the orange button as shown below.



The screenshot shows the 'Sales Order' window with several tabs: 'Sales Order', 'Address/Comments/Misc', 'Capture Quote', 'Current P.O.'s', 'Invoice/Shippers', and 'RMA's'. The 'RMA's' tab is highlighted with a red box. Below the tabs are several buttons: a plus sign (+), a minus sign (-), a printer icon, and an orange button with a rework icon. A brown arrow points from the orange button to the word 'Details'. Below the buttons is a dropdown menu set to 'Open'. Further down are input fields for 'Job # : 0000001', 'Part Number : 420-40263-08-SPI', 'Rev # : C', and 'Customer : DAWES AND CRANE, INC.'. At the bottom, a table is highlighted with a red border, containing one row of RMA data.

RMA #	Invoice #	Status	Due Date	RMA Qty	Return #	Return Date	Date Logged	Return Qty	Receive Dat
00000104		Open	//			//	01/25/2010		01/25/2010

# Quality Control Discrepancy Input

## DISCREPANCY/CAUSE TAB

Start by entering a Quantity Received in Qty Received field. This will enable all fields and drop down lists on this screen. Inspected By field can be entered by either scrolling down the list or by clicking on the single eyeball next to it to enter current logged in user name. Reject Description can be added in Maintenance > Rejection Reasons screen.

The screenshot shows the 'Discrepancy / Cause' tab of the 'Quality Control Discrepancy Input' form. The 'Job No.' field is highlighted with a red box and contains '00000001'. Other fields include 'Customer: DAWES AND CRANE, INC.', 'Router: 0000019', 'Item #: 10', 'Part #: 420-40263-08-SPI', 'Rev: C', and 'Description: COVER'. The 'Discrepancy / Explanation' section contains 'Article #1 incomplete.' and 'Comment ....comment.'. The 'Cause' section lists 'Cause #1: paint' and 'Cause #2: bar'. The 'RMA Comment' field is empty. The 'Qty Received/Rejected' is 10, 'Received/Rejected Date' is //, and 'Qty Returned' is empty. The 'Price' is 14.30000. The 'Reject Description' is 'Broken handle', 'Department' is 'PUNCHING', and 'Workcenter' is empty. The 'Inspected By' field has an eyeball icon. At the bottom, there are checkboxes for 'Production', 'Purchasing', 'Shipping', 'Sales', 'Accounting', and 'Administration', and an 'OK' button.

Checkboxes at the bottom of the screen (Production, Purchasing, Shipping, etc.) do not have any functionality at this time. They're only for references and you're able to print those out on the report.

## DISPOSITION/EXPLANATION/COST TAB

The screenshot shows the 'Disposition / Explanation / Cost' tab of the 'Quality Control Discrepancy Input' form. The 'Job No.' is '00000001', 'Customer' is 'DAWES AND CRANE, INC.', 'Router' is '0000019', and 'Item #' is '10'. The 'Part #' is '420-40263-08-SPI' and 'Rev' is 'C'. The 'Description' is 'COVER'. The 'DMR Completed' checkbox is unchecked, and 'Corrective Action Required' is checked. The 'Disposition' dropdown is empty. The 'Qty Rework' and 'Qty Scrap' fields are empty. The 'Qty Received/Rejected' is 10, 'Received/Rejected Date' is //, and 'Qty Returned' is empty. The 'RMA No.' is '00000017'. The 'Explanation' section is empty. The 'Action' table has the following data:

Action	Verified Date
<input type="checkbox"/> Material Received in MRB Area	//
<input type="checkbox"/> WIP Checked for Defect	//
<input type="checkbox"/> On Hand Inventory Checked for Defect	//
<input type="checkbox"/> MRB Meeting Held	//

The 'Rework Costs' table has the following data:

Rework Costs	
Labor	
Material	
Misc	
Scrap	
Total	\$0.00

The 'Approved By' field has an eyeball icon. At the bottom, there are checkboxes for 'Production', 'Purchasing', 'Shipping', 'Sales', 'Accounting', and 'Administration', and an 'OK' button.

Once you have entered your information on this screen, click on DMR Completed checkbox to prevent any further changes to be made. If there are any corrective actions required, click on Corrective Action Required checkbox to activate the last tab. You can click on the Work Orders button to directly access the work order module for the RMA you're on. Dispositions can be added in Maintenance > Disposition.

**CORRECTIVE ACTION/PREVENTATIVE ACTION TAB**


The screenshot shows a software window titled "Quality Control Discrepancy Input" with three tabs: "Discrepancy / Cause", "Disposition / Explanation / Cost", and "Corrective Action / Preventative Action". The "Corrective Action / Preventative Action" tab is active. The form contains the following fields and controls:

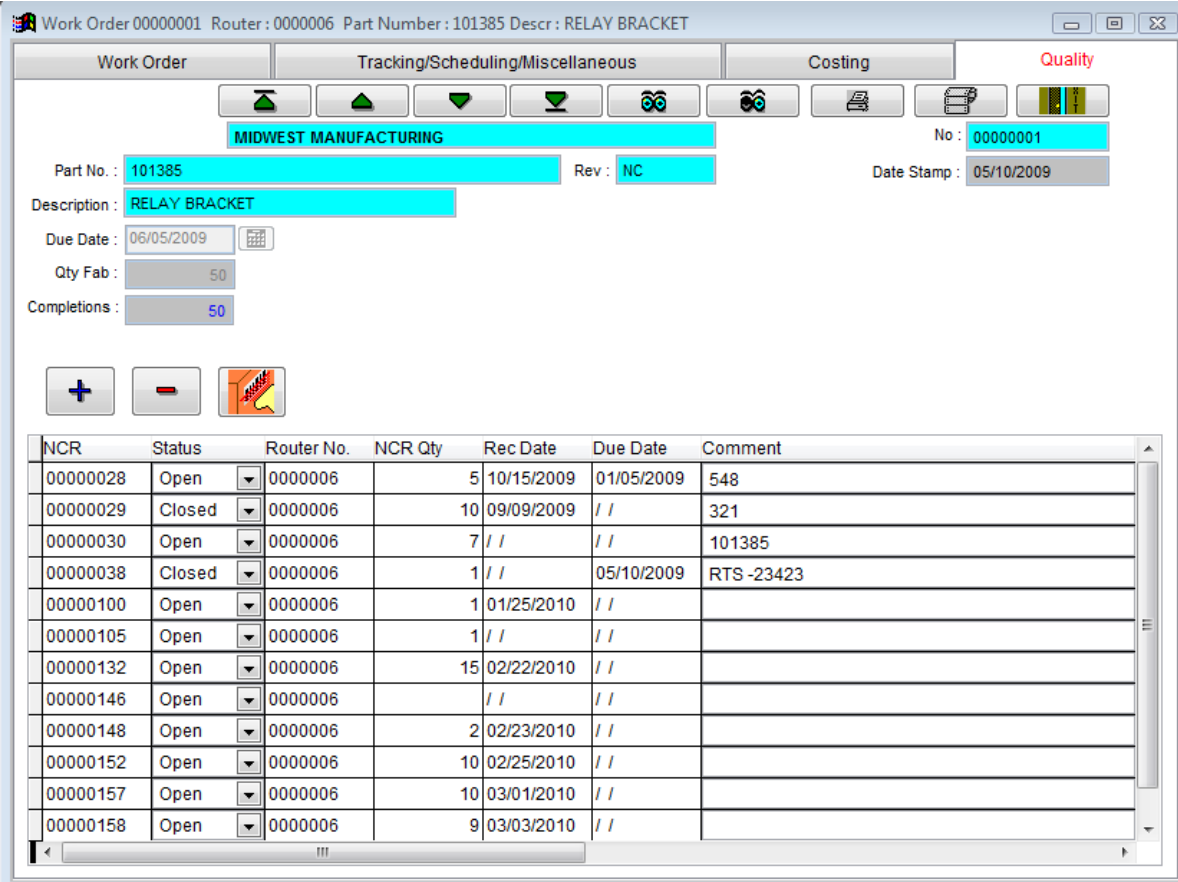
- Header Fields:** RMA Status (Open), Job No. (00000001), Customer (DAWES AND CRANE, INC.), Router (0000019), Item # (10), Part # (420-40263-08-SPI), Rev (C), Description (COVER), W.O. # (00000310), RMA No. (00000004).
- Buttons:** Work Orders (greyed out).
- Corrective Action Section:** A text area with "corrective action", "comment...", and "comment...123".
- Preventative Action Section:** A text area with "preventive action" and "comment...".
- Form Fields:** Qty Received/Rejected (5), Received/Rejected Date ( / / ), Qty Returned (0), and a checkbox for Corrective Action Completed (unchecked).
- Approval Fields:** Approved By (RECTOR TIM), Date (08/14/09), Assigned Employee (SUPERVISOR), and Completed Date (08/14/09).
- Footer:** A row of checkboxes for Production, Purchasing, Shipping, Sales, Accounting, and Administration. At the bottom are a printer icon and an OK button.

Once you clicked on Corrective Action Completed checkbox, you will no longer be able to make any changes to the screen. The printer button on the screen takes you to the same set of reports on the RMA's tab in Sales Order module.

## Work Order Module

The work order module quality tab is used for in-house quality control. Click on the plus sign to add a

new NCR for the work order. Click on  to edit the NCR.



NCR	Status	Router No.	NCR Qty	Rec Date	Due Date	Comment
00000028	Open	0000006	5	10/15/2009	01/05/2009	548
00000029	Closed	0000006	10	09/09/2009	//	321
00000030	Open	0000006	7	//	//	101385
00000038	Closed	0000006	1	//	05/10/2009	RTS -23423
00000100	Open	0000006	1	01/25/2010	//	
00000105	Open	0000006	1	//	//	
00000132	Open	0000006	15	02/22/2010	//	
00000146	Open	0000006		//	//	
00000148	Open	0000006	2	02/23/2010	//	
00000152	Open	0000006	10	02/25/2010	//	
00000157	Open	0000006	10	03/01/2010	//	
00000158	Open	0000006	9	03/03/2010	//	

If you're viewing the work order NCRs from the QC Discrepancy Query, you can click on the W.O. No. button to go straight to the work order module.

## PO Receiver Module

You can create RTV in Purchase Order Receiving's tab. From the Receiver Line Items tab, click on the line you want to create RTV for, and then click on the red button. (RTV stands for Return to Vendor)

**Posted**

02/23/2010 Receiver Number: 00000143 **ABC VENDOR**

P.O. Number: 00000315  
Receiver Date: 02/23/2010  
Due Date: 02/23/2010  
Discount Date: / /  
Invoice Date: / /  
Invoice No.: 00000315000001  
Shipper No.:

Prepaid Amnt: \$0.00  
Discount Amnt: \$0.00  
Freight: \$0.00  
Tax:

Surcharges:  
Paid Amount:  
Total Open: \$75.00  
Balance Due: \$75.00

Post Receiver to QB  
Post Single Receiver  
Reopen Receiver  
View Assigned Jobs  
Show Receivings  
Post Receivers

Checks GL Codes Assign W.O. Costs  
Other Charges Blanket P.O. Exported QB  
Currency 0.00000 Approve Receivers

Approved  
Exported  
Paid In Full

Receiver Line Items				Quality Line Items			
Line	Description	Stock W	Stock L	Quantity	Amount	Tax	Lot
1	ALUMINIZED STEEL 20GA (0.36)	48.000	96.000	100.000	\$0.03000	0.000	<input type="checkbox"/> Lot Price

You can then go to Quality Line Items tab to view or edit the RTV.

## Review Router QC History

History of an items quality control can be viewed by going to router design and clicking on the QC Discrepancy tab. Here you can see the history of job numbers and work orders that this router has gone through.

Router Design

Routers Workcenters Attachments Products Inventory **QC Discrepancy**

EMPIRE TOOL COMPANY

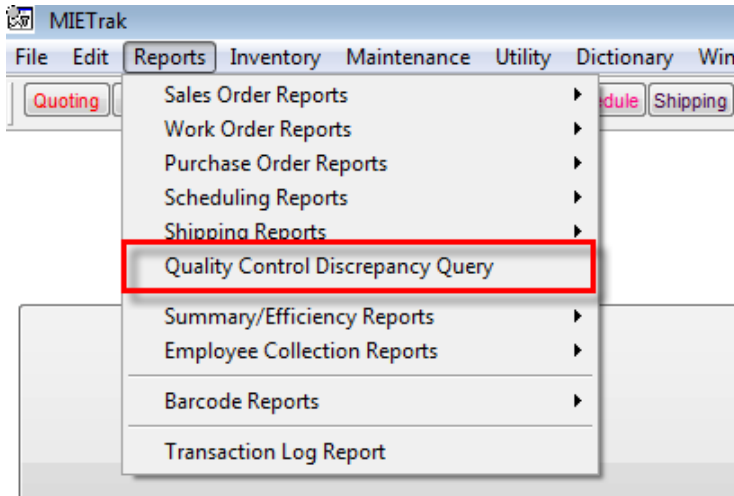
Part No. : 23441-462-SDE Router No. : 0000002

QC	Job No.	WO Key	Receiver Key	Log Date	Rec Date	Due Date	RMA Qty	Ret Qty	Ret
00000003	00000055			02/06/2011	02/06/2010	04/16/2011	5		//
00000020	00000002			06/05/2019	01/15/2010	//	6		//
00000119		00000004		01/27/2010	01/27/2010	//	20		//

0000002 [ 1] 23441-462-SDE  
0000197 [ 1] 111-D \*

# Quality Control Discrepancy Query

The QC Discrepancy query is used for all three modules.



The sales order RMAs, work order NCRs, and receiver RTVs can be queried separately. The filter options include employees, work centers, vendors, date range, part number, status, etc.

