

**Version 1.1**

**Date: 2019/02/27**

Abstract

The purchase orders that are placed on import suppliers are subject to regulatory controls.

These orders, and all commensurate detail, are mostly handed over to forwarding and clearing agents to manage the round-trip requirements.

However, effective demand planning requires tracking, and intervention should there be any positive or negative change in ETA.

Also, exchange rate fluctuations need to be taken into account when checking that the invoice price matches the order price, and the checking of quantities must occur as stock is received.

Indent and shipping

Optimised tracking of imports with associated financial & government controls

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# Document approval and distribution list

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| Approved by |  |  |  |

# Introduction

Orders are placed on import suppliers including regulatory controls.

These orders are mostly handed over to forwarding and clearing agents with all commensurate detail to manage the round-trip requirements.

However, effective demand planning requires tracking to intervene should there be any positive or negative change in ETA

# Audience

* Management
* Purchasing

# Objectives

Engaging with suppliers outside of the South African context, requires forex and taxation management controls, besides elements such as insurance and shipping costs.

When making up indent orders, various factors need to be considered, such as current stock on hand, price of indent goods, currency fluctuations, taxation that add to actual cost, local supplier pricing/availability and a number of other elements.

The main objective is to ensure that Engineparts does not run out of stock and to procure the necessary from local suppliers. This information is effectively available to decision makers on the Workbench system

Often government official require detail from Engineparts to audit the tariff headings used by Engineparts in lieu of payable tax. There tariff heading are derived for formal documentation and captured against the master stock items.

There are anomalies; some parts are universal and can be used in various applications that carry different tariff headings and rates of taxation (i.e. agricultural vs commercial). The real application can only be defined at the time of sale and not at the time of order placement.

To track progress, ePart permits the capturing of shipment progress as information becomes available as to when goods will become available to receive at receiving. Using these dates of anticipated arrival, the purchasing team is able to purchase for local suppliers if required or cancel orders on local suppliers, depending on ETA over time.

# Database entities and relationships

# Programs

# MS Windows Executables

|  |  |
| --- | --- |
| **Name** | **Description** |
| recShipping.exe | The whole shipment tracking process is run from here. |

# SQL Stored Procedures

|  |  |
| --- | --- |
| **Name** | **Description** |
| recShipDelete | Deletes an entire shipping document. |
| recShipQtyValidate | Checks that the quantity is between the containers’ quantity and the unshipped quantity. |
| recShipRefresh | Updates a pending shipping document to match the associated purchase order. |
| recShipTotals | Calculate all the various totals for a shipment:  Number of Orders  Number of Lines  Number of Valid Lines  Total Quantity  Total Cost  Cost of Valid Lines  Expected Total Cost |
| recShipPost | Creates GRVs for a shipment being received. One GRV per container, and one GRV for all non-container items. |
| recShipRecall | Reverses the posting of the shipment, if it was posted in error. |
| recShipContainerQty | Validates the quantity when capturing a new container. |

# SQL Views

|  |  |
| --- | --- |
| **Name** | **Description** |
| recShipDetView | Unifies shipment details, order details, item details and supplier pricing details into one virtual table. |

# Acceptance

I hereby confirm that I have been fully informed of the documents content and, received training to understand how the detailed instructions are to be applied:

Name …………………………………………………………………………….

Job Title ………………………………………………………………………….

Signed ……………………………………………………………………………

Date ………………………………………………………………………………