HELPDESK

GUARDIAN
SOFTWARE SYSTEMS

KnowledgeBase Article 2092

Part and Item Files

Definition

In Guardian, there are 6 different inventory categories corresponding to the items and parts used and sold:

1. S – Assembly
2. C – Casting
3. O – Core
4. N – MRO
5. M – Raw Material
6. R – Recipe/Alloy

For each category, there is an Item record in the Item table and a corresponding Part record in the Part table. Together, these two tables are used throughout Guardian, providing information for MRO, Scheduling, Work Orders, Sales Orders, Estimates and Quotes, etc. All inventory items must have an Item record and a Part record. Part records are location specific.
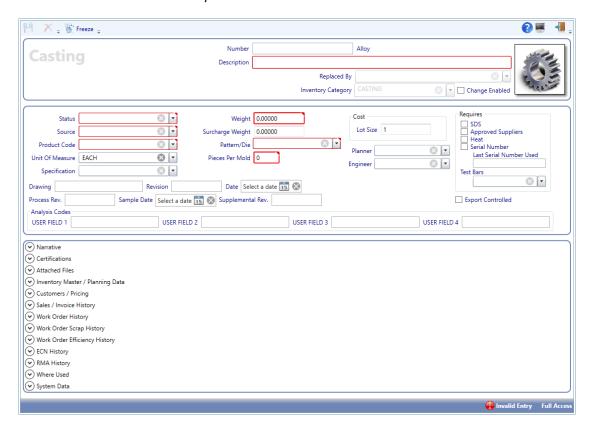
ITEM

The Item table lists all part numbers with corresponding Inventory Category as listed above. The records in the Item table are static information relating to the part including but not limited to:
1. Part Number
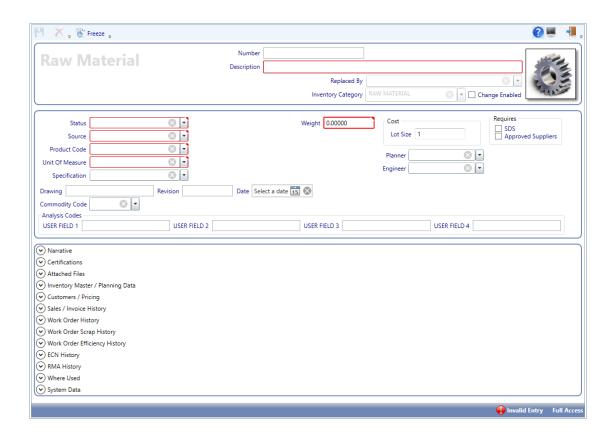1. Part Description
2. Unit of Measure for purchase and issue
3. Any Specifications
4. Product Code
5. Source (Purchased or Manufactured)
6. Inventory Category
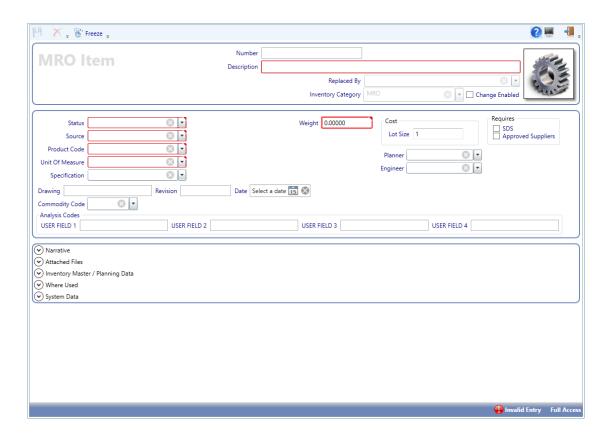7. Status (Active, Inactive, Hold, Obsolete)
8. Ship Weight of the part

This information from the Item table is found on the Part Master screens:
1. Casting
2. Raw Material
3. MRO
4. Core
5. Alloy
6. Assembly

Note: Fields in RED are required…

MRO Item

Number	
Description	
Replaced By	
Inventory Category	MRO	Change Enabled

Status

Source

Product Code

Unit Of Measure

Specification

Weight 0.00000

Cost

Lot Size 1

Requires
- SDS
- Approved Suppliers

Planner

Engineer

Drawing | Revision | Date Select a date

Commodity Code

Analysis Codes

USER FIELD 1 | USER FIELD 2 | USER FIELD 3 | USER FIELD 4

- Narrative
- Attached Files
- Inventory Master / Planning Data
- Where Used
- System Data

Invalid Entry   Full Access

Core

Number	
Description	
Replaced By	
Inventory Category	CORES	Change Enabled

Status

Source

Product Code

Unit Of Measure

Specification

Weight 0.00000

CoreBox

Pieces Per Mold 0

Cost

Lot Size 1

Requires
- SDS
- Approved Suppliers

Planner

Engineer

Drawing | Revision | Date Select a date

Analysis Codes

USER FIELD 1 | USER FIELD 2 | USER FIELD 3 | USER FIELD 4

- Narrative
- Certifications
- Attached Files
- Inventory Master / Planning Data
- Customers / Pricing (No Access)
- Sales / Invoice History
- Work Order History
- Work Order Scrap History
- Work Order Efficiency History
- ECN History
- RMA History
- Where Used
- System Data

Invalid Entry   Full Access

Alloy

Number

Description

Replaced By

Inventory Category RECIPES   ☐ Change Enabled

Status	Weight 0.00000
Source	Cost
Product Code	Planner
Unit Of Measure	Engineer
Specification	

Requires
☐ SDS
☐ Approved Suppliers

Analysis Codes

USER FIELD 1   USER FIELD 2   USER FIELD 3   USER FIELD 4

- ⌄ Composition
- ⌄ Narrative
- ⌄ Certifications
- ⌄ Attached Files
- ⌄ Inventory Master / Planning Data
- ⌄ Sales / Invoice History
- ⌄ Work Order History
- ⌄ Work Order Scrap History
- ⌄ Work Order Efficiency History
- ⌄ ECN History
- ⌄ RMA History
- ⌄ Where Used
- ⌄ System Data

⚠ Invalid Entry   Full Access

Assembly

Number

Description

Replaced By

Inventory Category SUB ASSEMBLY   ☐ Change Enabled

Status	Weight 0.00000
Source	Surcharge Weight 0.00000
Product Code	CI Volume 0
Unit Of Measure	
Specification	

Cost

Lot Size 1

Requires
☐ SDS
☐ Approved Suppliers
☐ Serial Number
Last Serial Number Used

Planner

Engineer

Drawing   Revision   Date Select a date 15

Process Rev.   Sample Date Select a date 15   Supplemental Rev.   ☐ Export Controlled

Analysis Codes

USER FIELD 1   USER FIELD 2   USER FIELD 3   USER FIELD 4

- ⌄ Narrative
- ⌄ Certifications
- ⌄ Attached Files
- ⌄ Inventory Master / Planning Data
- ⌄ Customers / Pricing
- ⌄ Sales / Invoice History
- ⌄ Work Order History
- ⌄ Work Order Scrap History
- ⌄ Work Order Efficiency History
- ⌄ ECN History
- ⌄ RMA History
- ⌄ Where Used
- ⌄ System Data

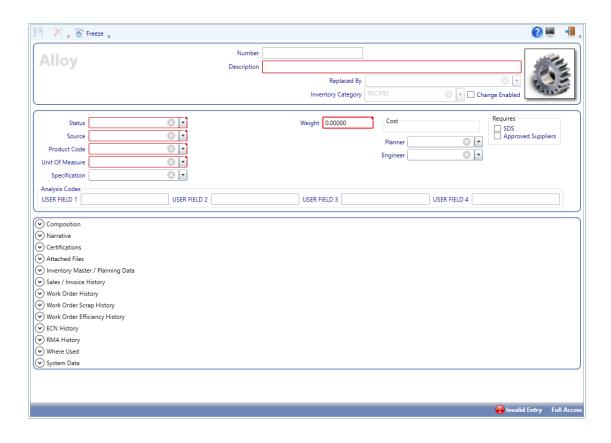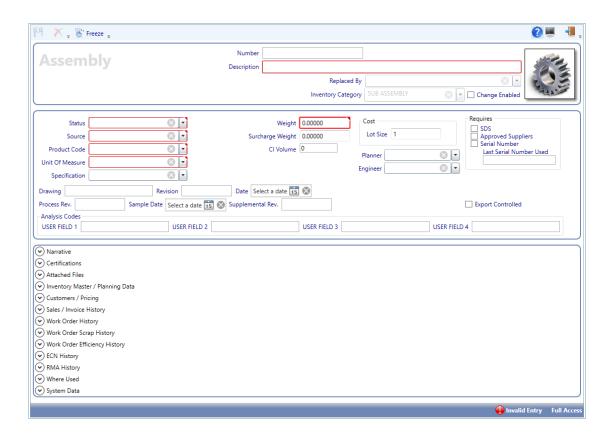⚠ Invalid Entry   Full Access

PART

The Part table is location specific and lists all Part Numbers with corresponding Inventory Category as listed above. The records in the Part table are dynamic information relating to the part (inventory and production data which can vary from location to location) including but not limited to:

1. Part Number
2. Part Description (from Item table)
3. Lead Time (to purchase or produce)
4. GL Account for Purchasing
5. On-Hand Inventory
6. Re-Order points
7. Cost Lot
8. Safety Stock
9. Over-Run and Scrap Percentages

This information from the Part table is found on the Inventory Management screen:

1. Casting > Inventory Master / Planning Data
2. Raw Material > Inventory Master / Planning Data
3. MRO > Inventory Master / Planning Data
4. Core > Inventory Master / Planning Data
5. Alloy > Inventory Master / Planning Data
6. Assembly > Inventory Master / Planning Data