

# Material Type Setup

Last Modified on 02/18/2025 1:26 pm PST

Pathway: Setup > Operations > Material Type

Material Type identifies the various types of waste collected and is essential for safe transportation and destruction.

The screenshot displays the 'MATERIAL TYPE SETUP' interface. At the top, there are filters for 'MATERIAL CLASS' (All) and 'LINE OF BUSINESS' (Commercial). A search bar is also present. Below the filters is a table listing existing material types:

ID	NAME	GL SEGMENT	EXTERNAL ID	IDENTIFIER	PACKAGE SIZE	MATERIAL CLASS	PROFILED MATERIAL	UN HAZARDOUS MATERIAL	LEED REPORTABLE	DEFAULT UOM	RECYCLABLE
BRICK	Brick				1	C&D	No		Yes	ton	No
BRUSH	Brush				1	RECYCLE	No		No		No
CLEARGLS	Clear Glass				1	GLASS	No		Yes	pound	Yes
COLORGLS	Colored Glass				1	GLASS	No		Yes	pound	Yes
METAL	Metal				1	RECYCLE	No		Yes		Yes
MSW	MSW		2						Yes	pound	Yes
OCC	Cardboard								Yes	pound	Yes
TRASH	Trash								Yes	ton	No

An 'ADD MATERIAL TYPE' modal form is overlaid on the table, containing the following fields:

- MATERIAL TYPE ID
- NAME
- GL SEGMENT
- EXTERNAL ID
- IDENTIFIER
- MATERIAL CLASS (dropdown)
- PROFILED MATERIAL (dropdown)
- UN HAZARDOUS MATERIAL (dropdown)
- PACKAGE SIZE (input)
- LEED REPORTABLE (dropdown)
- DEFAULT UOM (dropdown)
- RECYCLABLE (dropdown)

At the bottom of the modal is a 'SAVE' button. To the right of the modal, a 'VALUE' table is visible:

VALUE	UOM
5.00	ton
8.00	ton

## Permissions

The following permissions are required to view, add and edit the Material Type Setup screen:

Permission ID	Permission Name
24	Operations / Setup

## Display Settings

This screen includes the following System Options setting:

In the Operations tab of the System Options Setup screen, if 'Enable Limit Materials to LOB' is set to 'Yes,' the Line of Business filter will display on the Material Type Setup screen.

SYSTEM OPTIONS SETUP							
System	Sales	Integration	Account	Operations	Customer Portal	Broker	Online Order
CREATE SERVICE RECORDS IN ADVANCE (DAYS)	45						
DUPLICATE LABEL REASON CODE							
INVALID WEIGHT REASON CODE							
LABEL NOT FOUND REASON CODE							
DEFAULT TRANSPORTATION METHOD	Truck						
IGNORE ROUTE SETUP RESTRICTIONS	No						
ENABLE MULTIPLE ROUTE LOBS	Yes						
ENABLE ROUTE CREW MEMBERS	No						
REQUIRE APPROVAL FOR MANUAL WEIGHTS	No						
ENABLE LIMIT MATERIALS TO LOB	Yes						
						Mobile Device Settings	
						REFRESH INTERVAL (MINS)	
						USER LOCATION INTERVAL (SECS)	
						VIEW NEXT WEEK ROUTES	
						VIEW LAST WEEK ROUTES	
						DRIVE MODE LOW SPEED	
						DRIVE MODE MEDIUM SPEED	
						DRIVE MODE HIGH SPEED	
						DRIVE MODE LOW ZOOM LEVEL	
						DRIVE MODE MEDIUM ZOOM LEVEL	
						DRIVE MODE HIGH ZOOM LEVEL	

### Add Material Type Field Descriptions

Fields	Descriptions
<b>Material Type ID</b> <i>Required</i>	The identification for the material type that displays at the top of the work order.
<b>Name</b> <i>Required</i>	The name of the material type. Displays in the Disposal/Ship tab of the work order.
<b>GL Segment</b>	Displays a drop down list of GL accounts for tracking specific revenue streams by material type. If applicable, select the appropriate GL account for the material. Additional information about GL accounts and setup can be found here: <a href="#">GL Account Setup</a> and <a href="#">GL Segmentation Setup</a> .
<b>External ID</b>	Legacy system ID.
<b>Identifier</b>	A 3 character identification for the material type.
<b>Material Class</b>	The class the material type belongs to.
<b>UN Hazardous Material</b>	
<b>Package Size</b>	
<b>Leed Reportable</b>	If 'Yes' is selected, the material type will be included in Leed Reporting.
<b>Composition Material Class</b>	Further classifies the material based on its composition (what it's primarily made of).
<b>Default UOM</b>	The default Unit of Measure the material is measured by.
<b>Recyclable</b>	Identifies the material as recyclable.

## Add a Material Type

1. Select the + to open the Add Material Type popup editor.
2. Complete the following required fields:
  - o Enter an **ID** for the material type.
  - o Enter a **Name** for the material type.
3. Complete additional fields based on your company's setup requirements.
4. Click **Save** when finished.

## Material Type Value (Tab)

The **Material Type Value** tab allows you to assign a value to each material based on the selected unit of measure (UOM). Settings here apply to inbound and outbound order processing.

The screenshot shows the 'MATERIAL TYPE SETUP' interface. At the top, there are filters for 'MATERIAL CLASS' (All) and 'LINE OF BUSINESS' (Commercial). Below this is a table of material types with columns: ID, NAME, GL SEGMENT, EXTERNAL ID, IDENTIFIER, PACKAGE SIZE, MATERIAL CLASS, PROFILED MATERIAL, UN HAZARDOUS MATERIAL, LEED REPORTABLE, DEFAULT UOM, and RECYCLABLE. A red arrow points from the 'Material Type Value' tab to the 'Material Type Value' sub-tab. Below the sub-tab, there are filters for 'DIVISION' (All) and 'DISPOSAL LOCATION' (All), followed by a table with columns: DIVISION, FACILITY, PROCESSING STATUS, EFFECTIVE DATE, VALUE, and UOM.

ID	NAME	GL SEGMENT	EXTERNAL ID	IDENTIFIER	PACKAGE SIZE	MATERIAL CLASS	PROFILED MATERIAL	UN HAZARDOUS MATERIAL	LEED REPORTABLE	DEFAULT UOM	RECYCLABLE
BRICK	Brick				1	C&D	No		Yes	ton	No
BRUSH	Brush				1	RECYCLE	No		No		No
CLEARGLS	Clear Glass				1	GLASS	No		Yes	pound	Yes
COLORGLS	Colored Glass				1	GLASS	No		Yes	pound	Yes
METAL	Metal				1	RECYCLE	No		Yes		Yes
MSW	MSW		2		1	MSW	No		Yes	pound	Yes
OCC	Cardboard				1	RECYCLE	No		Yes	pound	Yes
TRASH	Trash				1	MSW	No		Yes	ton	No

  

DIVISION	FACILITY	PROCESSING STATUS	EFFECTIVE DATE	VALUE	UOM
QAWASTE	LALANDFILL	Unprocessed	2024-05-01	5.00	ton
HOUSTON	COAST PLAINS LF	Unprocessed	2024-05-01	8.00	ton

### Material Type Field Descriptions

Field	Description
<b>Material Type</b>	The material that is being collected for disposal.
<b>Division</b>	Select the division the material type value specifically applies to.
<b>Facility</b>	Select the facility the material is directed to for disposal.
<b>Processing Status</b>	Select the status of the process the material is in currently.
<b>Effective Date</b>	The date this material type will be available for selection.
<b>Value</b>	The value of the material type per UOM.
<b>UOM</b>	Select the unit of measurement used to measure the material.

## Conversions (Tab)

The **Conversions** tab allows you to convert a material from one unit of measurement to another, based on how it was received.

**MATERIAL TYPE SETUP** SETUP > OPERATIONS > MATERIAL TYPE

+ MATERIAL CLASS All
LINE OF BUSINESS Commercial

 Search

ID	NAME	GL SEGMENT	EXTERNAL ID	IDENTIFIER	PACKAGE SIZE	MATERIAL CLASS	PROFILED MATERIAL	UN HAZARDOUS MATERIAL	LEED REPORTABLE	DEFAULT UOM	RECYCLABLE
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COLORGLS	Colored Glass				1	GLASS	No		Yes	pound	Yes
METAL	Metal				1	RECYCLE	No		Yes		Yes
MSW	MSW		2		1	MSW	No		Yes	pound	Yes
OCC	Cardboard				1	RECYCLE	No		Yes	pound	Yes
TRASH	Trash				1	MSW	No		Yes	ton	No

Material Type Value
Conversions
Lines of Business

SOURCE VALUE	SOURCE UOM	TARGET MATERIAL	TARGET VALUE	TARGET UOM
600.00	pound	OCC Bale 600 lbs	1	bale

### Conversions Field Descriptions

Field	Description
<b>Source Material</b>	The original material being converted.
<b>Source Value</b>	The value amount of the original material that is being converted.
<b>Source UOM</b>	The measurement used to measure the original material before it was converted.
<b>Target Material</b>	The material the source material is being converted too.
<b>Target Value</b>	The value of the material after conversion.
<b>Target UOM</b>	The unit of measurement for the material once it has been converted from the source material.