

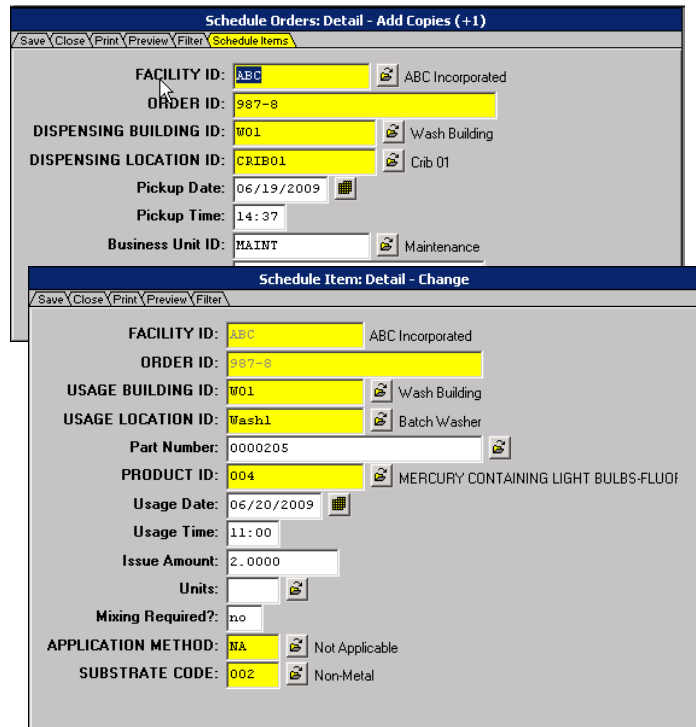


Material Dispensing

Managing the use of products and chemicals assists manufacturing operators in streamlining their chemical management practices and reducing costs, while simultaneously improving the reliability and accuracy of environmental data. FacTS' Material Dispensing function, in the EHS Management suite, allows users to schedule material orders for a given dispensing location and record dispensing transactions with regard to both materials and containers. Also, it generates the issued container labels, and tracks returned and wasted material.

FacTS™ allows shop floor personnel to order materials from disbursement centers on an as-needed basis, specifying product, amount, pickup time, usage time, and usage location. Disbursement center attendants then fill these orders, either by creating and filling new containers or by selecting existing containers from disbursement center inventory. The disbursement center attendant then issues each order to the floor at pickup time.

The Material Dispensing group enables users to schedule the actual amount of material needed. Particularly when materials are made up from mixtures or kits, this prevents the wasting of material by calculating just the amount of the individual components needed to produce the required amount, and based on the scheduled use time, the dispensing technician mixes the necessary components a short time before the worker is scheduled to perform the job. This helps to eliminate mixing the materials too early since there is often a short time period in which the resulting mixture can be used.



CREATING DISPENSING TRANSACTIONS

Specifically, the Material Dispensing group enables users to:

- Schedule material orders for a given dispensing location;
- Specify either part numbers or products that need to be issued under a particular material order;
- Record when a material order has been filled;
- Record the containers from which materials is dispensed;
- Record the new container(s) as they are issued to hold products that are ordered;



- Generate labels for the issued containers in a variety of sizes;
- Track returned and wasted material.

VOC EMISSIONS

Materials must be tracked because, in addition to controlling inventory, they enable users to determine the amount of pollutants that some of them produce. For example, for application purposes, paints, adhesives, and solvents often contain high quantities of Volatile Organic Compounds (VOCs). When these materials are applied, the majority of these volatile compounds escape as fumes. These fumes become a regulated air pollutant upon entry to the atmosphere.

The government limits the quantity of emissions that a facility can produce. In some cases the government may require the amount of usage to be tracked on a daily basis. It is therefore important for facilities using or producing these VOCs to control and track their usage, thus ensuring compliance with the provided emission limits. Since VOC emissions are based on the amount of material applied, the Material Dispensing group also enables users to track returned containers and wasted material. FacTS subtracts these amounts from the issued amount to determine the amount of material applied. This provides actual values for environmental record keeping.

STANDARD REPORTS

Material Dispensing has three standard reports:

VOC Summary Report uses the amount of material used by location, the application method and substrate, and the VOC content from the MSDS to calculate the amount of VOC emitted for a given date/location.

Containers by Lot Report shows all containers and numbers filled for a particular Lot Number, their current location, and their current inventory. The report breaks down the data by lot number and product ID. The report includes the lot expiration date, description of the lot, name of the product, manufacturer of the product, and any order numbers for the material.

Crib Work Order Report is used to check what you need to order from the supplier to meet currently pending material orders. The report breaks down the data by Location ID and date. The report lists the following information for each unfilled order item: order number, item number, and product ID and trade name of the chemical product specified in the item.

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