



Equipment Characterization

Web EHSdesk™ provides a fully integrated suite of web-based software applications designed to support administrative, operational, and business process information management associated with Environment, Health, and Safety (EHS).

The **Equipment Characterization (EC)** module provides a mechanism to document the processes, waste characterizations, and materials related to a piece of equipment or group of equipment. EC can be used as a standalone module or as part of the Environment suite.

Features and Functionality

- Equipment Characterization data managed using a user-friendly process
- Characterizations can be done on a single piece of equipment or equipment grouped for this purpose
- Links to centralized machine/equipment inventory
- Characterizations can be related to material/chemical inventory as well as other non Safety Data Sheet materials

Benefits

- Provides a consistent process to document and manage equipment characterizations
- Enables efficient gathering of information by providing access to data from other EHSdesk applications
- Centralizes environmental data related to equipment



Equipment Characterization Summary
The following is a summary of the Environmental information for the selected Equipment Characterization.

Equipment Details

Equipment Id: TEST_PB	Description: Paint Booth for Testing
Equipment Status: Active	Location: Sikorsky II SAC Training Site
Category: Paint Spray Booth	Organization: RXX Org for Training

Process

Risk Assessment	Process Name	Process Description	Status
Painting Finishes	Painting and coating	Active	Edit

Waste Characterization

Waste Char No.	Waste Stream	Hazardous?	Status
352	002086 PAINT SPRAY BOOTH SOLID SLUDGE BULK AND DRUMS	Yes	Active

Materials

Material ID	Name	Trade Name	Comment	Status
K1501	Krylon Interior/Exterior Paint, Glossy W	Krylon Interior/Exterior Paint, Glossy White (OSHA White) (1501)		Active

Control Systems

No.	Type	Pollutant Controlled	Make	Location	Equipment Id	Status
123	Airblower	VOC	ACME	Test Localoin		Active

Stack Details

Stack ID	Stack Extension	Category	Status
STACK_001	Open Stack		Active

Water Discharge Details

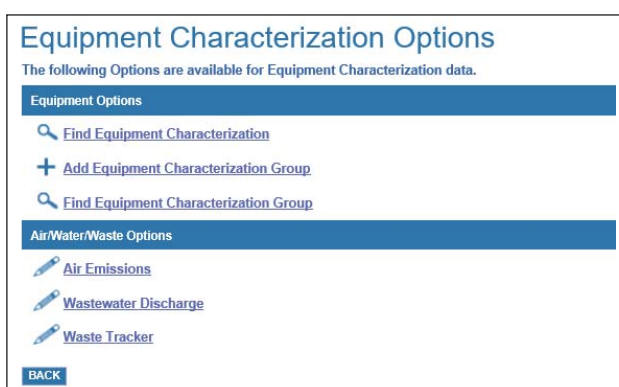
Flow No.	ID	Type	Water Source	Discharge Frequency

Print Details

Report Footer: [This document contains no technical data subject to the EAR or the ITAR.]

Equipment Characterization Summary Page

- Characterizations can be related to processes, control systems and stacks (vents, fugitive, etc.)
- Waste characterizations can be created from within Equipment Characterization
- Typical users include EHS Professionals and EHS Managers



Equipment Characterization Options
The following Options are available for Equipment Characterization data.

Equipment Options

- Find Equipment Characterization
- Add Equipment Characterization Group
- Find Equipment Characterization Group

Air/Water/Waste Options

- Air Emissions
- Wastewater Discharge
- Waste Tracker

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Equipment Characterization Options Page

Reports


- Equipment Characterization Summary Report available displaying equipment details with related processes and materials
- Equipment Group Characterization Summary Report available displaying equipment details with related processes and materials.

Integration Points

- EHSdesk **Admin**: select equipment from a distinct master list of company-wide equipment
- EHSdesk **Air Emissions**: relate an equipment characterization to a control system and stack
- EHSdesk **Material Tracker**: relate an equipment characterization to a material
- EHSdesk **Risk Assessment**: relate an equipment characterization to a process or risk assessment
- EHSdesk **Waste Tracker**: relate an equipment characterization to a waste characterization
- EHSdesk **Water**: relate an equipment characterization to water discharge details

Compliance

Documenting waste determinations required in 40 CFR 261 and 40 CFR 243 through 279 40 CFR 50 through 85 and 40 CFR 87 through 97




Process Flow

