

# WAND Environmental Taxonomy



The WAND Environmental Taxonomy covers products and services related to environmental needs. It includes resource protection and management, equipment and supplies, testing and monitoring, compliance, recycling and hazardous materials management.

Unstructured data is believed to account for 80 to 85% of a typical organization's internal information. Company documents, articles, spend data, and other unstructured information needs to be quickly and easily accessible by your organization's employees. A company's products and service are its backbone and a high-quality and well-structured vocabulary of the standard product and service terms that are important to your company is crucial for your employees to unlock the value of unstructured data in your company.

## Applications

The WAND Environmental Taxonomy can be licensed and integrated into your existing intranet, content management application, spend management system, spend analysis application, knowledge management portal, or any other application that would benefit from the power of a robust taxonomy-based search.

Unstructured information from a variety of repositories can be consistently organized and searched by:

- Relevant and intuitive product and service categories
- Hierarchical drill-down browsing
- Numerous slices or segments of the taxonomy
- Related terms which may link to previously unknown information
- Filtered Search
- Any combination of taxonomy pathways which funnel the users to the information they need

## Structure and Delivery

The WAND Environmental taxonomy consist of a controlled vocabulary of terms with multiple relationships such as hierarchical parent-child relationships, related terms, and synonyms. Many of the terms are associated to attribute and attribute value templates for specification based descriptions. Language translations of the product and service terms (not attributes/attribute values) are available in English, French, German, Spanish, Italian, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, and Vietnamese. The Taxonomy is cross-mapped to many alternate classification systems including UNSPSC, NAICS, SIC, Harmonized Codes and Standard Yellow Page headings

Data can be delivered in a variety of format, including XML files, Access Database files, and csv, and is delivered via a password protected FTP site.

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## Data Points:

- Total Product and Service Terms: 3,061
- Total Feature Values: 12,126
- Total Option Values: 40,136

(As of April 29, 2008)

Below are the top level headings and a sampling of subheadings:

## Environmental Products and Equipment

- Air Pollution Control Equipment
- Energy Conservation Products
- Water Saving Appliances

## Environmental Services

- Aquatic Management Consultants
- Decontamination Services
- Ski Area Planning Services

## Measuring Instruments

- Acoustic Measuring Instruments
- Electronic Integrators
- Torque Transducers

## Testing Equipment

- Bearing Testing Equipment
- Hydrostatic Test Equipment
- Vacuum Testers

## Waste Materials

- Automotive Chemical Wastes
- Clinical Wastes
- Sewage Sludge

## Example of the WAND Environmental Taxonomy:

- CEMS  
Related Term(s):  
- ORSAT Equipment  
- Ultraviolet Analyzers

### Dual Emissions Detectors

Synonyms / Non-Preferred Term(s):

- Dual Emissions Tester
- Dual Emissions Testing Equipment

Related Term(s):

- Electron Capture Detectors
- Flame Ionization Detectors
- Photoionization Detectors

### Electrolytic Conductivity Detectors

Synonyms / Non-Preferred Term(s):

- Hall Electrolytic Conductivity Detectors
- HECDs

### Electron Capture Detectors

Synonyms / Non-Preferred Term(s):

- EC
- Rel
- D

### Flame I

#### Features & Options

##### 01 Molecular Type

- 01 Halogens
- 02 Nitro Groups
- 03 Phosphorus
- 04 Other

##### 02 Maximum Operating Temperature

- 01 Less Than 200 Degrees Celsius
- 02 200 to 300 Degrees Celsius
- 03 Greater Than 300 Degrees Celsius

##### 03 Maximum Data Acquisition Rate

- 01 Less Than 20 Hertz
- 02 20 to 40 Hertz
- 03 Greater Than 40 Hertz

##### 04 Hidden Anodes

- 01 Yes
- 02 No