2017 International Emission Inventory Conference SCC Web Service and Web Search

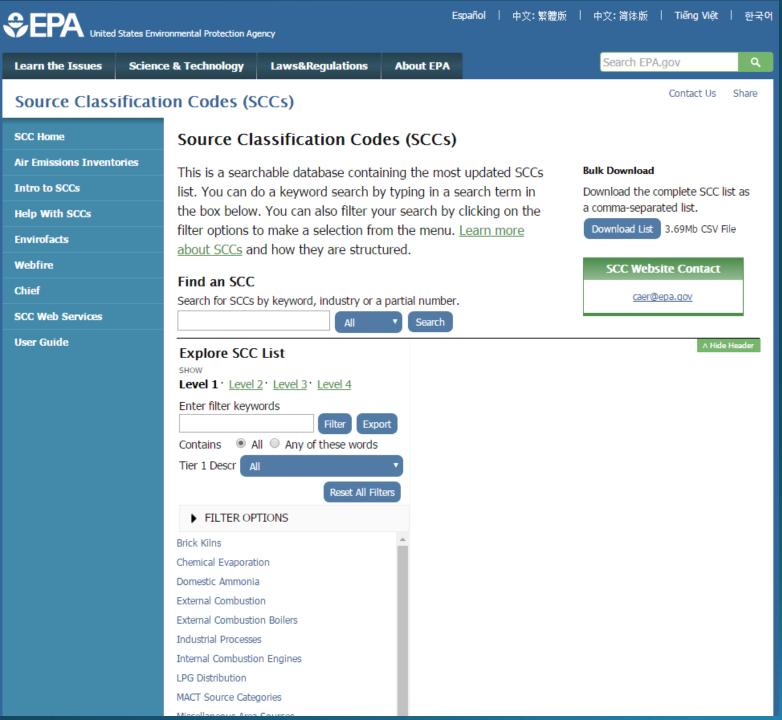
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SCC Web Search

- LIVE <u>www.epa.gov/scc</u>
- Result of CAER short-term wins projects
 - Co-chairs Julia Gamas (EPA), Chun Yi Wu (MN)
- SCCs are used to classify different types of activities that generate emissions
- Categories: Point, Non-point, On-road, Non-road, and event sources
- Codes are kept up-to-date on search page, web services



SCC Web Search

www.epa.gov/scc

Search by keyword, industry, or a partial number

Download whole list, or export search results

Find an SCC.

Search for SCCs by keyword, industry or a partial number.



Explore SCC List

SHOW

Level 1 · Level 2 · Level 3 · Level 4

Enter filter keywords

Filter Export Contains

AllAny of these words

Tier 1 Descr

Reset All Filters

FILTER OPTIONS

Brick Kilns

Chemical Evaporation

Domestic Ammonia

External Combustion

External Combustion Boilers

Industrial Processes

Internal Combustion Engines

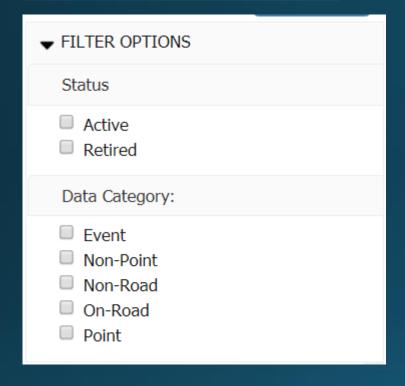
LPG Distribution

MACT Source Categories

Search for code you need using keyword, industry, or partial number

Drill-down using multiple ways to find your SCC

Filter Options



Bulk Download

Download the complete SCC list as a comma-separated list.

Download List

3.69Mb CSV File

Download complete list of SCCs

Find an SCC

Search for SCCs by keyword, industry or a partial number.

oil kiln

All

Search

Want to Explore the SCC list instead?

Explore SCC List

Facet Name	Туре	Count
Induration: Grate/Kiln, Coal & Oil-fired, Acid Pellets	SCC Level Four	1
Induration: Grate/Kiln, Coal & Oil-fired, Flux Pellets	SCC Level Four	1
Induration: Grate/Kiln, Gas & Oil- fired, Acid Pellets	SCC Level Four	1
Induration: Grate/Kiln, Gas & Oil- fired, Flux Pellets	SCC Level Four	1
Other Kiln: Oil Fired	SCC Level Four	1
Periodic Kiln: Oil-fired	SCC Level Four	1
Presinter Thermal Processing: Fuel Oil-fired Kiln	SCC Level Four	1
Roller Kiln: Fuel Oil-fired	SCC Level Four	1
Shuttle Kiln: Fuel Oil-fired	SCC Level Four	1
Tunnel Kiln: Fuel Oil-fired	SCC Level Four	1
Tunnel Kiln: Oil-fired	SCC Level Four	1

Keyword search by "oil kiln"

"Periodic Kiln: Oil-fired" details page

∧ Hide Header Level 4 Detail SCCLevel 1 SCCLevel 2 SCCLevel 3 > Brick and Structural Clay Products Manufacture > Mineral Products Industrial Processes Periodic Kiln: Oil-fired [30500315] SCC CODE 30500315 STATUS Active MAP TO LAST INVENTORY YEAR DATA Point CATEGORY DESCRIPTION SHORT NAME SECTOR Industrial Processes - NEC USAGE NOTES LAST 11/21/2016 UPDATED TIER 1 Other Industrial Processes TIER 2 Mineral Products TIER 3 Other

Explore SCC List

SHOW

Level 1 · Level 2 · Level 3 · Level 4

Enter filter keywords

Filter



Contains

All
Any of these words

Tier 1 Descr

Reset All Filters

FILTER OPTIONS

Brick Kilns

Chemical Evaporation

Domestic Ammonia

External Combustion

External Combustion Boilers

Industrial Processes

Internal Combustion Engines

LPG Distribution

MACT Source Categories

Agricultural Chemicals Production

Cellulose-based Resins

Consumer Product Manufacturing Facilities

Fibers Production Processes

Food and Agricultural Processes

Inorganic Chemicals Manufacturing

Level 1 Detail

MACT Source Categories

LEVEL 2 SUB-CODES

Agricultural Chemicals Production

Cellulose-based Resins

Consumer Product Manufacturing Facilities

Fibers Production Processes

Food and Agricultural Processes

Inorganic Chemicals Manufacturing

Miscellaneous Polymers

Miscellaneous Processes

Miscellaneous Processes (Chemicals)

Miscellaneous Resins

Styrene or Methacrylate Based Resins

Vinyl-based Resins

Explore SCC List SHOW Level 1 · Level 2 · Level 3 · Level 4 Enter filter keywords Filter Export AllAny of these words Contains Tier 1 Descr Reset All Filters FILTER OPTIONS Brick Kilns Chemical Evaporation Domestic Ammonia External Combustion External Combustion Boilers Industrial Processes Internal Combustion Engines LPG Distribution MACT Source Categories Agricultural Chemicals Production Cellulose-based Resins Consumer Product Manufacturing Facilities Fibers Production Processes Food and Agricultural Processes

Inorganic Chemicals Manufacturing

Level 2 Detail

Food and Agricultural Processes

LEVEL 1 PARENT MACT Source Categories

LEVEL 3 SUB-CODES Cellulose Food Casing Manufacture

Equipment Leaks

Wastewater, Aggregate

Wastewater, Points of Generation

Explore SCC List

SHOW

Level 1 · Level 2 · Level 3 · Level 4

Enter filter keywords

Filter Export

Contains
All Any of these words

Reset All Filters

FILTER OPTIONS

Brick Kilns

Tier 1 Descr

Chemical Evaporation

Domestic Ammonia

External Combustion

External Combustion Boilers

Industrial Processes

Internal Combustion Engines

LPG Distribution

MACT Source Categories

Agricultural Chemicals Production

Cellulose-based Resins

Consumer Product Manufacturing Facilities

Fibers Production Processes

Food and Agricultural Processes

Inorganic Chemicals Manufacturing

Miscellaneous Polymers

Level 3 Detail

Wastewater, Points of Generation

LEVEL 1 PARENT MACT Source Categories

LEVEL 2 PARENT Food and Agricultural Processes

LEVEL 4 SUB-CODES Acid Bath Evaporator

Specify Point of Generation

Viscose Filtering

Water Washing

Explore SCC List SHOW Level 1 · Level 2 · Level 3 · Level 4 Enter filter keywords Filter Export AllAny of these words Contains Tier 1 Descr Reset All Filters ▶ FILTER OPTIONS Brick Kilns Chemical Evaporation Domestic Ammonia External Combustion External Combustion Boilers Industrial Processes Internal Combustion Engines LPG Distribution MACT Source Categories Agricultural Chemicals Production Cellulose-based Resins Consumer Product Manufacturing Facilities Fibers Production Processes Food and Agricultural Processes Inorganic Chemicals Manufacturing Miscellaneous Polymers

SCCLevel 1 MACT Source Categories	SCCLevel 2 Food and Agricultural Processes SCCLevel 3 Wastewater, Points of Generation
Acid Bath Ev	vaporator [62582503]
SCC CODE	62582503
STATUS	Active
MAP TO	
LAST INVENTORY YEAR	
DATA CATEGORY	Point
DESCRIPTION	
SHORT NAME	
SECTOR	Industrial Processes - NEC
USAGE NOTES	
LAST UPDATED	3/20/2012
TIER 1	Waste Disposal & Recycling
TIER 2	Industrial Waste Water
TIER 3	Other

Level 4 Detail

SCC Web Services

- https://ofmpub.epa.gov/sccwebservices/
- Best way to ensure your website/system uses the most up-to-date codes
- Allow searching for SCCs by name or facet, as well querying by code
- JSON, XML, or CSV output

Query Services

Sample URLs

Demo

SCC Web Services

The SCC Web Services provides an interface to the terms and descriptions that are related to Source Classification Codes (SCC) found in the Terminology Services (TS) registry.

The web services provided allow searching for SCCs by name or facet, as well as querying an SCC by its code. JSON, XML, or CSV output is returned.

Query Services

Search SCCs by Facet

GET /SCC

Summary

This service queries SCCs by one or more facet. When searching a facet, all four facet parameters (facetName[], facetValue[], facetQualifier[], facetMatchType[]) must be supplied.

Parameters

Name	Description
facetName[]	The name of the facet to search. Multiple facet names may be passed, separated by the pipe () character. Possible facet names include: Activity Value Required?, Code, Data Category, ERT Valid, History, Last Updated Date, SCC Level Four, SCC Level One, SCC Level Three, SCC Level Two, Sector, Status, Tier 1 Code, Tier 1 Description, Tier 2 Code, Tier 2 Description, Tier 3 Code, Tier 3 Description
facetValue[]	The value to search for the specified facetName. Multiple values may be passed, separated by the pipe () character.
facetQualifier[]	The qualifier to use when searching the specified facetName. Possible values: contains, begins, exact. If omitted, contains is used by default.
facetMatchType[]	The type of match to perform when searching. Possible values: all_words, any_word, whole_phrase. If omitted, all_words is used by default.
sortFacet	The facet to sort results by. If omitted, the results are sorted by code.

URL to call details for SCC code

Results Sample

```
"code": "2303020000",
"attributes":{
  "Tier 3 Description": "Primary",
   "Activity Value Required?": "No",
  "Tier 3 Code": "01",
   "Sector": "Industrial Processes - Ferrous Metals",
  "Tier 2 Code": "02",
  "SCC Level Four": "Total",
   "Tier 1 Description": "Metals Processing",
   "SCC Level One": "Industrial Processes",
  "Status": "Active",
   "Tier 2 Description": "Ferrous Metals Processing",
  "Data Category": "Nonpoint",
   "Last Updated Date": "3/14/2012",
  "SCC Level Two": "Primary Metal Production: SIC 33",
  "Tier 1 Code": "05",
   "SCC Level Three": "Iron and Steel Foundries"
```

Questions?

To visit the SCC search page and access documentation on web services, please visit:

https://www.epa.gov/scc

SCC Website Contact: caer@epa.qov