MESC in AWS
Website User Manual

Document Control

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<th>Location</th>
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Version Control

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<th>Editor</th>
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<tr>
<td>1.0</td>
<td>Niccolo Mascariña</td>
<td>12/01/2015</td>
<td>Initial Document release</td>
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1. Search the catalogue

1.1 Word Search

a. Enter a word or part of a word, and then press button <Go>. A list of Noun, Modifier combination with the string (entered word) is presented in the screen

b. Select a Noun, Modifier combination from the list. For example, “pipe” is searched:

c. Press the button <Search formatted item>. The Noun, Modifier is displayed as it is selected in the word search screen
d. Attributes belonging to the Noun, Modifier are displayed in a list. By default, only the attributes with a value are shown. When selecting the radio button <All>, the attributes without a value will also be shown.
e. When there are multiple values, only the first value is displayed but the other values can be viewed by clicking the button under “Multiple Values”.
f. To search for a specific value of the material, click on the drop down menu in “Select Query Values”. Select a value and press button <Find>.
g. When Additional documents are available, these can be viewed in screen Material item display by clicking the button under “Additional Documents”.

1.2 MESC Number Search
a. Enter a 10-digit MESC number in the MESC field and press <Go>. This will direct you to <Search Formatted Item> for further searching and <Display Material Item> buttons, which will show you the detailed specifications of MESC.
b. Entering no or less than a complete MESC number results in a "Coding Schedule search, which will show the hierarchy of MESC classification (Main Group, Sub Group & Subsub Group).
c. Clicking a specific main/sub/subsub group from the list directs the user to more granular information of the MESC group until the MESC and its specifications is displayed.
d. In the Material Item Display, click the <Printer-friendly Version> to view and print MESC specifications in PDF format.

1.3 Description Keyword Search
a. Enter a word or part of a word, and then press button <Go>. A list of available main/sub/subsub groups with their descriptions is presented in the screen.
b. Clicking a specific main/sub/subsub group from the list directs the user to more granular information of the MESC group.
1.4 Attribute Search

a. In the dropdown menu located in the “Search the catalogue”, select “Attribute search” then click <Go>.

b. Type the desired attribute string then click <Go>. A list of attributes containing the string (entered attribute) will show. For example, “length” is searched:

c. Clicking a specific attribute directs the user to a list of noun modifiers that contain the attribute. For example, “Length 1” is selected:
1.5 Company Reference Number Search

a. In the dropdown menu located in the “Search the catalogue”, select “Company Reference search” then click <Go>.

b. Enter company name and/or reference number then click <Go>. A list of available companies/reference number with the word string will show.

c. Clicking a specific company will direct you to the list of MESC that has the company as reference.

1.6 External Standards

a. In the dropdown menu located in the “Search the catalogue”, select “External Standards” then click <Go>.

b. Enter an external standard in the “Prefix” field then click <Go>. Examples of prefix: AISI; API; ASME; ASTM; AWS; BS; BS EN; CEE; CEN; CENELEC; DIN; DIN VDE; IEC; IP; ISO; MMS; NBN; NEMA; NEN; NF; NFPA; OCIMF; OCMA; SAB; SAE; UL; UNI; UNS

c. A list of available standards, based on the string input, is displayed in the screen. Select a standard and a list of available MESC items having it will be displayed.
1.7 Additional Documentation Search
a. In the dropdown menu located in the “Search the catalogue”, select “Additional Documentation Search” then click <Go>
b. Enter the prefix of the document e.g. SPE in the “Prefix” field and type the reference in the “Reference” field. Click <Go> to proceed.
c. Click the “SPE” link under Prefix tab to see the list of all MESC having the SPE document as additional document. Clicking the button under the “Additional Document” tab will display the content of the document.

1.8 Product Group Search
a. In the dropdown menu located in the “Search the catalogue”, select “Product Group Search” then click <Go>
b. Enter a product group code (or material group) then click <Go>. A list of available product groups is shown in the screen
c. Click the desired product group and a list of MESC items having the product group will be displayed.

NOTE: The complete list of product groups can be downloaded from tab: Product and Service Group Codes (PSGC) tab in the MESC homepage
2. Create a report

2.1 Report for one MESC specification

a. Enter (part of) a MESC number or paste a full MESC number into the first input field then click on icon to validate the MESC number. “Number of items” will automatically display ‘1’.

b. Tick the checkbox beside the “Skip attributes without values:” to include only attributes having values in the generated report. If it is preferred to generate a report with all the attributes included, with or without values, do not tick the checkbox.

c. Select the “Short report” radio button if it is only preferred to have the material description, noun modifier and unit of measurement in the content of the report but if the full report is desired, select the “Full buy description report” radio button.

d. Click <Go> to generate the report. Once processed, the report ID will be displayed, in which the link will direct you to the generated report. You may also view the status of the report in the dropdown menu, with the option being “View report status”
2.2 Report for a MESC range

a. Enter (part of) a MESC number or paste a full MESC number into the first input field then click on icon to validate the MESC number. “Number of items” will automatically display ‘1’.

b. Enter the MESC number (last in the MESC range) in the next field then click again on the icon to validate the MESC number. “Number of items” will be the number of MESC items from the first MESC to the last in the MESC.

c. Tick the checkbox beside the “Skip attributes without values:” to include only attributes having values in the generated report. If it is preferred to generate a report with all the attributes included, with or without values, do not tick the checkbox.

d. Select the “Short report” radio button if it is only preferred to have the material description, noun modifier and unit of measurement in the content of the report but if the full report is desired, select the “Full buy description report” radio button.

e. Click <Go> to generate the report. Once processed, the report ID will be displayed, in which the link will direct you to the generated report. You may also view the status of the report in the dropdown menu, with the option being “View report status”

2.3 Report from Noun Modifiers

a. In the dropdown menu named “Other Reporting Functionality”, select “Report on noun, modifier” then click <Go>

b. Enter the (part of) noun modifier then click <Go>. A list of available Noun Modifiers with the word string is shown in the screen. Select a Noun Modifier combination for validation.

c. Tick the checkbox beside the “Skip attributes without values:” to include only attributes having values in the generated report. If it is preferred to generate a report with all the attributes included, with or without values, do not tick the checkbox.

d. Select the “Short report” radio button if it is only preferred to have the material description, noun modifier and unit of measurement in the content of the report but if the full report is desired, select the “Full buy description report” radio button.

e. Click <Go> to generate the report. Once processed, the report ID will be displayed, in which the link will direct you to the generated report. You may also view the status of the report in the dropdown menu, with the option being “View report status”
2.4 Report for multiple MESC numbers
a. In the dropdown menu named “Other Reporting Functionality”, select “Report on multiple MESC numbers” then click <Go>.

b. The format of the MESC numbers that will be entered or pasted in the windows clipboard can be with dots, with spaces or without spaces (eg. 760504.020.1, 760504 020 1 or 7605040201). One MESC number can be entered per line. If an unknown MESC is entered an error message is shown.

NOTE: The report will be generated in a **spreadsheet format**. The system can only report a maximum of 100,000 line items. The number of MESC items that can be reported will depend on the number of line items that can be generated in total. A report will not be generated once the expected number of line items exceeds 100,000. An error message will be displayed in this case, including the number of line items that exceeding the limit e.g. 504,701.

Shell Global Solutions International, date printed: 01-12-2015
MESC v.13D SI, release date 18th Feb 2015

**Catalogue Report for Full Buying Description**

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<th>Error: to many rows selected to output in excel(max 100000): 504701</th>
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2.5 View Report Status
*This is the page to find the list of recently ordered reports*

a. In the dropdown menu named “Other Reporting Functionality”, select “View report status” then click <Go>.

b. Sections of the report status include:
   i. **Request id** – link to the generated report
   ii. **Report name** – FBDMESCRANGE (MESC range), MSRMESCRANGE (multiple MESC) or FBDNOUNMOD (Noun Modifier)
   iii. **Request status** – (F)ailure, (Q)ueue, (R)unning, (S)uccess, (W)aiting
   iv. **Request date** – date when the report was requested
   v. **Run Date/Time (local)** – Date, including the time of request
   vi. **Has Errors?** – error indicator

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3. Frequently Asked Questions

3.1 Can I make use of a wildcard?
Yes e.g. Word search: %valve, results in:

3.2 What is a Distribution keyword search?
When typing in a word with or without a wildcard (%), a search will be done in the MESC Sub Group and SubSub Group.

3.3 What is an Attribute?
Attributes are used to describe a material item in a structured way. The attributes are linked to Noun Modifiers, thus creating a template for specifying material items in detail.

3.4 What is a Company Reference?
A Company reference for a material item can be a Manufacturer and/or Supplier name & code with a unique reference number for that item (e.g.: Part, Model, Serial, Drawing numbers etc.). In this way, these Reference Numbers identify the catalogue item uniquely for that Company. Please note this is no longer maintained in the Central Catalogue.
3.5 **What are External Standards?**
These are Standards institute information e.g. AISI, API, ASME, ASTM, DIN, ISO

3.6 **What is the difference between an Additional document Type SPE or INF?**
SPE is a mandatory requirement while INF is a non-mandatory requirement

3.7 **How can we determine the changes between MESC versions?**
In the catalogue, the latest changes based from the previous version are written in red font.