

Summary of the JAMA/JAPIA Standard Material Datasheet version upgrade (for Ver.2.04)

- This document is issued to supply information for JAMA/JAPIA Standard Material Datasheet version upgrade items. (for Ver.2.04)
[Release date : November 1st 2008]
- The upgraded JAMA/JAPIA Standard Material Datasheet (Ver.2.04) can be downloaded from the JAPIA website (<http://www.japia.or.jp/>) after November 2008.
- The JAMA/JAPIA Standard Material Datasheet may be upgraded in the future.

November 1st, 2008
Japan Auto Parts Industries Association
SoC(Substances of Environmental Concern) WG

<List of upgrade items in Ver.2.04>

| File | Upgrade item | Upgrade content | Details |
|---------------|--|--|---------|
| I. Entry file | 1. Export as CSV file | The file name of the external list used for the data entry has been able to be output automatically as history administrative information. | page 7 |
| | 2. Export as XML file | | page 8 |
| | 3. Data entry function when XML file is exported | “Supplier data” and “Recipient data” have been able to be input into exported XML file before transmitting IMDS data. | page 9 |
| | 4. Function to check combination of material norms and application | In material for electronic parts, the selection criterion has been clarified as to specify if the material corresponds to ELV ANNEX or not. Therefore, the function to check the combination of the Norms/standard and application has been added. | page 10 |
| | 5. Security function | The password for opening file has been changed (Please confirm the password with your requestor.) | - |
| | 6. Cover sheet | - “Version No.” and “Date” have been revised. - “Explanation of upgrade” has been added. | page 11 |

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| File | Upgrade item | Upgrade content | Details |
|---------------|----------------|--|------------|
| I. Entry file | 7. Entry sheet | <ul style="list-style-type: none"> - The input items judged to be unnecessary according to past operation situation were abolished. <li style="padding-left: 20px;">JAMA code of specific substance usage purpose (Item No. : 21) <li style="padding-left: 20px;">Purpose of specific substance usage (Item No. : 22) <li style="padding-left: 20px;">Substance group (Item No. : 23) <li style="padding-left: 20px;">Substance weight (Item No. : 27) <li style="padding-left: 20px;">Notes(IMDS Module ID) (Item No. : 35) <li style="padding-left: 20px;">Notes(Item No. : 36) <li style="padding-left: 20px;">Notes(Item No. : 37) <li style="padding-left: 20px;">Notes(Item No. : 38) | page 12-13 |
| | | <ul style="list-style-type: none"> - The description of "Definitions" in "Recycling marked (Item No. : 33)" has been revised. | page 14 |
| | | <ul style="list-style-type: none"> - The description of "Definitions" in "IMDS node ID [Part] (Item No. : 45)" has been revised. | page 15 |
| | | <ul style="list-style-type: none"> - The description of "Definitions" in "IMDS node ID [Material] (Item No. : 46)" has been revised. | |

(continue)

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| File | Upgrade item | Upgrade content | Details |
|---------------|----------------------|--|---------|
| I. Entry file | 8. Description sheet | - The description of "Notice of data input and explanation in " Portion (Item No. : 26) "has been revised. | page 16 |
| | | - The description of "Notice of data input and explanation in " Recycling marked (Item No. : 33) "has been revised. | page 17 |
| | | - The description of "Notice of data input and explanation in " IMDS node ID [Part] (Item No. : 45)"has been revised. | page 18 |
| | | - The description of "Notice of data input and explanation in " IMDS node ID [Material] (Item No. : 46)"in has been revised. | |
| | | - " IMDS field name" has been added. | page 19 |

(continue)

| File | Upgrade item | Upgrade content | Details |
|-------------------|------------------------|--|---------------|
| II. External list | 9. Material list (MAT) | - The material code of plating has been changed for the following reasons. (Description of the symbol of substrate has been abolished.) [Reason] Simplification of data entry and conformation with IMDS Public Material Data | -(*) |
| | | -A part of description in the materials for electronic parts has been revised as the data entry rule of them changed. | -(*) |
| | | - The content of the revision of JIS standard has been reflected. | -(*) |
| | | - The materials which were accepted for additional registration have been reflected. | -(*) |
| | | - Node IDs of IMDS Public Material Data have been reflected to the JIS standards materials. | page 20-21 |

* Please refer to "Explanation of Material list" for details.

| File | Upgrade item | Upgrade content | Details |
|-------------------|--|---|---------|
| II. External list | 10. Substance list (IMDS_SUB) | <ul style="list-style-type: none"> - The alternation of IMDS BSL (addition, correction, and deletion) has been reflected. - Substance name (Japanese) has been revised. - GADSL updated. | - |
| | 11. GADSL category for substance (IMDS_CATEGORY) | <ul style="list-style-type: none"> - GADSL category updated. | - |
| | 12. Lists related to application (IMDS_APP, IMDS_SUB_APP) | <ul style="list-style-type: none"> - Application updated. | - |

. Upgrade items for entry file

1. Export as CSV file

The file name of the external list used for the data entry has been able to be output automatically as history administrative information.

The file name of the external list used by the error check is output to the first line of the CSV file. (When the CSV file is exported without referring to an external list, "Not Found" is output.)

<Output style>

"C","Ver.2.04","2008/11/30","Successful""","","**File name of external list**"

<Image of exported CSV file>

```
"C","Ver.2.04","2008/11/30","Successful""","","EXLIST-2008-11-01EN.xls"
"H","1234","0001","2005/12/05","2005/11/30"
"D","1","1234568980","ASSY","100","S123-23","","1","","",""...(Omission)
"D","2","1234568980","ASSY","","S123-23","","2","1111111111","Part1","70","1",""...(Omission)
"D","3","1234568980","ASSY","","S123-23","","2","1111111111","Part1","","1",""...(Omission)
"D","4","1234568980","ASSY","","S123-23","","2","1111111111","Part1","","1",""...(Omission)
```

2. Export as XML file

The file name of the external list used for the data entry has been able to be output automatically as history administrative information.

The file name of the external list used by the error check is output to the fourth line of the XML file. (When the XML file is exported without referring to an external list, "Not Found" is output.)

<Output style>

<!-- File name of external list-->

< Image of exported XML file >

```
1 : <?xml version="1.0" encoding="ISO-8859-1"?>
2 : <!DOCTYPE Task SYSTEM "./data/upload.dtd">
3 : <!-- Ver.2.03 2007/11/20 Error -->
4 : <!-- EXLIST:EXLIST2008-11-01EN.xls -->
<Task>
```


3. Data entry function when XML file is exported

“Supplier data” and “Recipient data” have been able to be input into exported XML file before sending IMDS data.

The wizard shown in the right figure is displayed when the button “export as XML” is clicked.

Next, when the item is input, and “OK” is clicked, the error check and the export of the file are operated.

< The difference between "Edit mode" and "Send" in "Status">

When status "Send" is selected, the confirmation message is displayed as shown in a right picture.

When up-loading it, it is sent to the Recipient Company as it is for "Send".

When confirming a content of data in the screen of IMDS after it up-loads, please return to the previous screen with "Cancel" button, and "Edit mode" is selected

4. Function to check combination of material norms and application

In material for electronic parts, the selection criterion has been clarified as follows to specify if the material corresponds to ELV ANNEX or not. Therefore, the function to check the combination of the Norms/standard and application has been added.

<Content of rule change>

| Material | | Data input rule | |
|---|-------------------------------|--|-----------------------------|
| | | Before revision | After revision |
| For electronic parts | corresponds to ELV ANNEX | Neither "JAMAA2222" nor "JAMAA4444" are distinguished. | "JAMAA2222" shall be input. |
| | Excluding the above-mentioned | | "JAMAA4444" shall be input. |
| Excluding the material for electronic parts | | | |

<Check on combination of Norms/standard and application>

If the combination of Norms/standard and the application has not suited the above-mentioned rule, either of following error message is displayed by the error check.

Message 1: "This material norm can be entered only if the ELV 4 substances are included in the substance." (When "JAMAA2222" is input in Norms/standards)

Message 2: "The combination of the material norm and the application is not valid." (When "JAMAA4444" is input in Norms/standards)

Note:

The data created by the previous version might not suited the above-mentioned rule. In that case, it is necessary to correct the Norms/standard and VDA material classification code. Please never fail to check the data created by the previous version before transmitting it to the requester.

JAMA Standard Material Datasheet

Ver.2.04
November 1, 2008

Revision of JAMA Standard Material Datasheet is implemented as follows.

< November 1, 2008 >

JAMA and JAPIA issued the revised JAMA Standard Material Datasheet(Ver.2.04) with the following additional functions for the purpose of user convenience and the change in the rule to enter some materials. In this version, some fields identified unnecessary were deleted based on the conventional operational status.

After November 1, 2008, JAMA and JAPIA will use new JAMA Standard Material Datasheet (Ver.2.04) with the following new functions;
[Additional Function]

- Function to output the file name of the external list to CSV file, XML file in order to record the history.
- Function to enter the mandatory fields of Supplier information and Recipient information required for sending the data in IMDS when outputting XML file.
- Check the function for the consistency between the Material specifications with the application codes
(Only the materials that are not specified in the public specification)

The data compatibility between new datasheet (Ver.2.04) and the old datasheet (Ver. 2.03, Ver. 2.02, Ver. 2.01, or 2.00) is as follows,

- CSV file from old versions can be imported, however, sometimes errors might occur.
- External file is incompatible. Please use the latest external list Ver.2.04 (EXLIST-2008-11-01EN.xls).

<July 1, 2007>

JAMA and JAPIA apply the revised JAMA Standard Material Datasheet (Ver.2.02).

The new datasheet is equipped the new function of standard material data (Material - Substance) import using [select] button, for the purpose of a user convenience to data input. The standard material data are created in only metals, based on JIS.

- The standard material data are typical data regulated by JIS. In case of the actual part or material data are different, a user has to modify the data.
- All metals regulated by JIS are not including the standard material data.

(The rest is omitted.)

Revisions to the JAMA Standard Material Datasheet (Version 2.00)

April 1, 2006
Japan Automobile Manufacturers Association, Inc. (JAMA)
Japan Auto Parts Industries Association (JAPIA)

1. Background

The JAMA Standard Material Datasheet is already being used by members of automobile manufacturers and auto parts manufacturers. The IMDS (International Material Data System) data format and the JAMA Material Datasheet format would be harmonized with each other because most automobile manufacturer members of JAMA use the IMDS and, especially, many auto parts manufacturer members of JAPIA use the standard datasheet for making IMDS input data.

To promote consistency, we have decided to review data requiring material data collection and the datasheet format. Our intention is that, with this revision, suppliers will use the JAMA Standard Material Datasheet or IMDS for the same manner of collecting data.

2. Revision overview (The new version will be Ver.2.00.)

(The rest is omitted.)

<Revised>
 Version number and Date have been revised.

<Revised>
 Summary of Revision has been added.

(continue to next page)

(1) Abolition of input items

<Change point>
The following items were invalidated.
Note: It is non-display in Excel.

21:JAMA code of specific substance usage purpose
22:Purpose of specific substance usage
23:Substance group
27:Substance weight

| | | 1 | 18 | 19 | 20 | 24 | 25 | 26 | 28 |
|-------------------|--------------------------------|---|--|--|---|---|---|---|---|
| | | SUBSTANCE | | | | | | | |
| Item | | SER No | Material symbol (plastics or rubber) | VDA Classification | Substance count | Substance code (CAS No.) Select | Substance name | Portion | Content of post industrial recyclate |
| Definition | Serial number assigned to data | In case of plastics or rubber, material symbol is defined in ISO1043 or ISO1629 | Material classification is defined by VDA(German Automobile Manufacturers Association) | Serial number of declalable substance in each material | CAS Code of substance | Name of substance | Substance portion in material weight (item 15) [%] | Content portion of industrial recyclate in material (Minimum) [%] | Co of rec ma (M) |
| Entered by: | supplier | supplier | supplier | supplier | supplier | supplier | supplier | supplier | |
| Required/Optional | required | required (Plastics or Rubber or elastomer) | required (In case of entering material) | | required (In case of entering substance) | required (In case of entering substance) | required (In case of entering substance) | required (In case of VDA classification is 1.* 2.* 3.* 4.* 5.* Enter in only the top row for the same material.) | (In cl: 1.* 5.* th |

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Microsoft Excel - jamasheet_en20081101.xls

BB29

1 2 A B C AT AU

1 Data check

2

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4 (1) Basic information

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6 Item Automobile
manufacturer code

7 Data type ASCII characters

8 Entered by: requestor

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12 (2) Investigation result of Material

13

14 Item No. 1 32 33 34 39 40 41 42 43 44 45

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16

Raw copy

Raw deletion

Item

17

Definition

| JAPIA OPTIONS | | | | | | | | | | | |
|--------------------------------|--|--|--|-------------------------------|---------------------------------|--|------------------------------------|------------------------------------|---------------------------|------------------------------|--|
| SEQ No | Polymeric part(s) | Recycling | Application | Component parts | Component parts | Requestor material code or Supplied material | Substance portion (Minimum) | Substance portion (Maximum) | Substance portion (Rest) | IMDS node ID | |
| Serial number assigned to data | Code of Polymeric marked on component or not | Code of Recycling marked on component or not | Usage code of substance in regulated in IMDS | Unit of component part weight | Unit of component part Quantity | Material symbol defined by the requestor in the drawings and/or the Standard | Substance portion (Minimum) [%] | Substance portion (Maximum) [%] | Rest of Substance portion | Node ID of component in IMDS | |

<Change point>

The following items have been invalidated.
Note: It is non-display in Excel.

35: Notes(IMDS Module ID)
36: Notes
37: Notes
38: Notes

Note:

The display of Excel is different from the previous version because of abolition of the input items. But there is no change in the content of the output of the CSV file, so the copy paste is possible between old and new data sheets or between the input case collections and datasheet. However, it might be not compatible. Please note it.

(2) Recycling marked (Item No. : 33)

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BB29

1 2 A B C AF AG AH AI AJ AO AP AQ AR A

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Data check

(1) Basic information

Item: [Automobile](#)
[manufacturer code](#)

Data type: ASCII characters
 Entered by: requestor

(2) Investigation result of Material

Item No. 1 30 31 32 33 34 39 40 41 42 4

RECYCLATE JAPIA

| Item | 1 | 30 | 31 | 32 | 33 | 34 | 39 | 40 | 41 | 42 | 4 |
|-------------------|--------------------------------|--|--|---|--|--|---------------------------------------|--|--|---------------------------------|-----------------------------|
| Item | REC No | Content of post consumer recycle | Content of post consumer recycle | Polymeric part(s) | Recycling | Application | Component parts | Component parts | Requestor material code or Supplied material | Substance portion (Minimum) | Subst portion (Maximum) |
| Definition | Serial number assigned to data | Content portion of post consumer recycle in material (Minimum) [%] | Content portion of post consumer recycle in material (Maximum) [%] | Code of Polymeric marked on component or not | Code of Recycling marked on component or not | Usage code of substance in regulated in IMDS | Unit of component part weight | Unit of component part Quantity | Material symbol defined by the requestor in the drawings and/or the Standard | Substance portion (Minimum) [%] | Subst portion (Maximum) [%] |
| Entered by: | supplier | supplier | supplier | supplier | supplier | supplier | supplier | supplier | requestor or supplier | supplier | supplier |
| Required/Optional | required | required (In case of VDA classification is 1.* 2.* 3.* 4.* 5.* Enter in only the top row for the same material.) | required (In case of VDA classification is 1.* 2.* 3.* 4.* 5.* Enter in only the top row for the same material.) | required (In case of VDA classification is 5.1.a, 5.1.b and Material weight more than 100g or VDA classification is 5.3 and Material weight more than 200g. Enter in only the top row for the same material.) | required (In case of VDA classification is 5.1.a, 5.1.b or 5.3. Enter in only the top row for the same component part including the material.) | required (In case of specific substance) | Optional (In case of blank means "g") | Optional (In case of blank means "each") | Optional | In case of item 26 is | In case of entering s |

**<Change point>
The description of "Required/Optional" has been revised.**

Raw copy
Raw deletion

Command

(3) IMDS node ID [Part] (Item No. : 45)

(4) IMDS node ID [Material] (Item No. : 46)

Microsoft Excel - jamasheet_en20081101.xls

質問を入力してください

BB29

1 2 A B C AP AQ AR AS AT AU AV AW AX AY

1 **Data check**

2

3

4 **(1) Basic information**

5

6 Item [Automobile manufacturer code](#)

7 Data type ASCII characters

8 Entered by: requestor

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12 **(2) Investigation result of Material**

13

14 Item No. 1 40 41 42 43 44 45 46 47 48

15

Raw copy

Raw deletion

16

| | 1 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
|-------------------|--------------------------------|--|--|---|---|--|------------------------------|------------------------------|------------------------------|--|
| | | JAPIA OPTION IS | | | | | | MATERIAL | | |
| | SER No. | Component parts | Requestor material code or Supplied material | Substance portion (Minimum) | Substance portion (Maximum) | Substance portion (Rest) | IMDS node ID | IMDS node ID | IMDS node ID | Internal Mat.-No. |
| Definition | Serial number assigned to data | Unit of component part Quantity | Material symbol defined by the requestor in the drawings and/or the Standard | Substance portion (Minimum) [%] | Substance portion (Maximum) [%] | Rest of substance portion | Node ID of component in IMDS | Node ID of material in IMDS | Node ID of substance in IMDS | Material No. defined for material management |
| Entered by: | supplier | supplier | requestor or supplier | supplier | supplier | supplier | supplier | supplier | supplier | supplier |
| Required/Optional | required | Optional (In case of blanc means "each") | Optional | In case of item 26 is blank, required (In case of entering substance) | | | Optional | Optional | Optional | Optional |

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コマンド

図形の調整(B) | オートシェイプ(U)

Summary of the JAMA/JAPIA Standard Material Datasheet version upgrade (for Ver.2.04)

JAPIA

<Change point>
The description of "Definitions"
has been revised.

7. Description sheet

(1) Portion (Item No. : 26)

Microsoft Excel - jamasheet_en20081101.xls

ファイル(E) 編集(E) 表示(V) 挿入(I) 書式(O) ツール(T)

B14 'SEQ number

**<Change point>
The description of "Notice of data input and explanation" has been revised.**

| Datainput manual | | | | | | | | |
|--|------------------------------|---|--|--|--|---|-----------------------|------------------|
| (1) Basic information | | | | | | | | |
| | Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datainput method - requestor indicates - enter - select - automatic | Notes | Data type |
| 4 | Automobile manufacturer code | N/A | Code of requestor (automobile manufacturer code or Tier1 etc.) | Input by requestor (Sorting code in reply) | Requestor or supplier (Requestor inputs in advance or sends to supplier in a list.) | Requestor indicates | Optional of requestor | ASCII characters |
| 5 | Supplier code | N/A | Code of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters |
| 6 | Supplier name | N/A | Company name of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters |
| 7 | Due date | N/A | Deadline of investigation reply | Specified by the requestor | Supplier inputs | Requestor indicates | | YYYY/MM/DD |
| 8 | Reply date | N/A | Reply date of investigation | Supplier input "Reply date" | Supplier inputs | Supplier inputs | | YYYY/MM/DD |
| (2) Investigation result of Material and Substance | | | | | | | | |
| Column No | Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datainput method - requestor indicates - enter - select - automatic | Notes | Data type |
| 13 | 26 | Portion | Substance portion in material weight (rem 15) | - Input the portion (%) of contained substance in material. | supplier | Input (Automatically entered in data check) | | Number |
| 47 | 28 | Content of post industrial recycle(Min.) | Content portion of industrial recycle in material(Minimum) | - Depend on requestor indicates, supplier input the minimum value of content of post industrial recycle, in case of material is VDA classification 1.* 2.* 3.* 4.* 5.*.) | supplier | Input | | Number |
| 49 | 29 | Content of post industrial recycle(Max.) | Content portion of industrial recycle in material(Maximum) | - Depend on requestor indicates, supplier input the minimum value of content of post industrial | supplier | Input | | Number |

コマンド


(2) Recycling marked (Item No. : 33)

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ファイル(F) 編集(E) 表示(V) 挿入(I) 書式(O) ツール(T) データ(D) ウィンドウ(W) ヘルプ(H) Adobe PDF(B) 質問を入力してください

B14 'SEQ number

<Change point>
The description of "Notice of data input and explanation" has been revised.

| Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datinput method - requestor indicates - enter - select - automatic | Notes | Data type | |
|---|---|--|--|--|--|--|--|-------------------|
| (1) Basic information | | | | | | | | |
| Automobile manufacturer code | N/A | Code of requestor (automobile manufacturer code or Tier1 etc.) | Input by requestor (Sorting code in reply) | Requestor or supplier (Requestor inputs in advance or sends to supplier in a list.) | Requestor indicates | Optional of requestor | ASCII characters | |
| Supplier code | N/A | Code of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters | |
| Supplier name | N/A | Company name of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters | |
| Due date | N/A | Deadline of investigation reply | Specified by the requestor | Supplier inputs | Requestor indicates | | YYYY/MM/DD | |
| Reply date | N/A | Reply date of investigation | Supplier input "Reply date" | Supplier inputs | Supplier inputs | | YYYY/MM/DD | |
| (2) Investigation result of Material and Substance | | | | | | | | |
| Column No | Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datinput method - requestor indicates - enter - select - automatic | Notes | Data type |
| 33 | Recycling marked | N/A | Code of Recycling marked on component or not | - If the component is marked recycling marking, supplier input "Y". If the component is not marked, supplier input "N". In case of not marked for design, supplier input "N/A" in case of the VDA classification of the material is 5.1.a, 5.1.b or 5.3. | supplier | Input | e.g.  | Y or "N" or "N/A" |
| 34 | Application | Application (Element "Application" Attribute "AppCode") | Usage code of substance in regulated in IMDS | - Supplier selects the application code(similar as EU ELV directive Annexd) for IMDS coded substance. | supplier | Select | | ASCII characters |
| 39 | Component parts weight unit | Unit (Element "Component") | Unit of component part weight | - If change the unit of component weight, supplier can input "mg" or | supplier | Select | | ASCII characters |

コマンド

(3) IMDS node ID [Part] (Item No. : 45)
 (4) IMDS node ID [Material] (Item No. : 46)

Microsoft Excel - jamasheet_en20081101.xls

ファイル(F) 編集(E) 表示(V) 挿入(I) 書式(O)

B14 'SEQ' number

<Change point>
The description of "Definitions" and "Notice of data input and explanation" have been revised.

| Datainput manual | | | | | | | | |
|-----------------------|--|--|--|--|--|---|---|------------------|
| (1) Basic information | | | | | | | | |
| | Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datainput method - requestor indicates - enter - select - automatic | Notes | Data type |
| 4 | Automobile manufacturer code | N/A | Code of requestor (automobile manufacturer code or Tier1 etc.) | Input by requestor (Sorting code in reply) | Requestor or supplier (Requestor inputs in advance or sends to supplier in a list.) | Requestor indicates | Optional of requestor | ASCII characters |
| 5 | Supplier code | N/A | Code of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters |
| 6 | Supplier name | N/A | Company name of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters |
| 7 | Due date | N/A | Deadline of investigation reply | Specified by the requestor | Supplier inputs | Requestor indicates | | YYYY/MM/DD |
| 8 | Reply date | N/A | Reply date of investigation | Supplier input "Reply date" | Supplier inputs | Supplier inputs | | YYYY/MM/DD |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | (2) Investigation result of Material and Substance | | | | | | | |
| Column No | Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datainput method - requestor indicates - enter - select - automatic | Notes | Data type |
| 13 | | | | | | | | |
| 45 | IMDS node ID [Part] | Node ID (Element "RefComponent" Attribute "IMDS_ID") | Node ID of component in IMDS | - Input "Node ID" of component in IMDS. | supplier | Input | - when IMDS upload, the Node ID is used to reference in IMDS data except data input JAMA sheet. | ASCII characters |
| 46 | IMDS node ID [Material] | Node ID (Element "RefMaterial" Attribute "IMDS_ID") | Node ID of material in IMDS | - Input "Node ID" of material in IMDS. | supplier | Input | - when IMDS upload, the Node ID is used to reference in IMDS data except data input JAMA sheet. | ASCII characters |
| 47 | IMDS node ID [Substance] | Node ID (Element "Substance" Attribute "IMDS_ID") Element "Application" Attribute "Subst_ID") | Node ID of substance in IMDS | - Input "Node ID" of substance in IMDS. | supplier | Select (Item 24, 25 and 47 are inputted simultaneous when selected) | | ASCII characters |
| 48 | Internal Mat.-No. | Internal Mat.-No. (Element "Material" Attribute "MatN") | Material No. defined for material management | - Input "Internal Mat.-No." defined for material management. | supplier | Input | - In case of material/surface treatment has to input several rows, this Internal Mat.-No. is inputted | ASCII characters |

コマンド

(5) Addition of IMDS field name (XML file attribute name)

<Change point>
" IMDS field name" has been added between "Item name" and " Definitions" so that users can see IMDS items and JAMA sheet items in parallel.

| Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | automobile manufacturer or Tier1 that requests for investigation - supplier (that responds to investigation) | - requestor indicates - enter - select - automatic | Notes | Data type |
|------------------------------|--|--|--|---|---|-----------------------|------------------|
| Automobile manufacturer code | N/A | Code of requestor (automobile manufacturer code or Tier1 etc.) | Input by requestor (Sorting code in reply) | Requestor or supplier (Requestor inputs in advance or sends to supplier in a list.) | Requestor indicates | Optional of requestor | ASCII characters |
| Supplier code | N/A | Code of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters |
| Supplier name | N/A | Company name of supplier | Specified by the requestor | Supplier inputs | Requestor indicates | | ASCII characters |
| Due date | N/A | Deadline of investigation reply | Specified by the requestor | Supplier inputs | Requestor indicates | | YYYY/MM/DD |
| Reply date | N/A | Reply date of investigation | Supplier input "Reply date" | Supplier inputs | Supplier inputs | | YYYY/MM/DD |

| Column No | Item name | IMDS field name (XML file attribute name) | Definitions | Notice of data input and explanation | Entered by: - requestor (including automobile manufacturer or Tier1 that requests for investigation) - supplier (that responds to investigation) | Datainput method - requestor indicates - enter - select - automatic | Notes | Data type |
|-----------|-----------------------------|--|---|--|--|---|--|------------------|
| 1 | SEQ number | N/A | Serial number assigned to data | - Serial No. assigned of each data row for data identification. This serial No. assigned beginning of data input from "1". [Note] After a data analysis, you can restore the first created data by serially sorting data. | requestor | Input (Automatically entered in data check) | | Number |
| 2 | Part number (DELIVERY PART) | Part/Item No. Element "Component" Attribute "ArtN" and Element "Chap4" Attribute "RecipPartNo" | Part number of supplier delivery to requestor | - Part number is assigned by requestor for supplier part delivery. As a rule, supplier cannot change the value if requestor inputted in advance. | requestor or supplier (requestor indicates) (Requestor enters this item data in advance, or the supplier fills in a | Input | - In case of delivery part has to input several row, this Part number is inputted (copied) in all row. | ASCII characters |

. Upgrade items for external list

- Registration of IMDS Node ID to External list -

Node IDs of IMDS Public Material Data have been reflected to the External list. As a result, the materials to which reflected IMDS Node ID have been able to be systematically compatible between the JAMA/JAPIA Standard Material Datasheet and IMDS and registration of the same material by using different Node ID will decrease.

Select material

Please enter search criteria and click OK button.

Surface treatment flag:

Material name(EN):

Material name(JP):

Norms/Standards:

Material-No.:

Symbol:

VDA classification:

Click OK button and the material information is filled.
Please note that the material information is overwritten if it exists.

58 materials found.

| Surface treatment flag | Material name(EN) | Material name(JP) | Norms/Standards | Material-No. | Symbol | VDA classification | IMDS node ID |
|------------------------|-------------------|-------------------|-----------------|--------------|--------|--------------------|--------------|
| Stainless Steel | SUS304TKA | - | JISG3446 | SUS304TKA | - | 1.1.2 | 90614790 |
| Stainless Steel | SUS304TKC | - | JISG3446 | SUS304TKC | - | 1.1.2 | 90614790 |
| Stainless Steel | SUS304TPD | - | JISG3448 | SUS304TPD | - | 1.1.2 | 73950066 |
| Stainless Steel | SUS304TP | - | JISG3459 | SUS304TP | - | 1.1.2 | 90614797 |
| Stainless Steel | SUS304HTP | - | JISG3459 | SUS304HTP | - | 1.1.2 | 74819659 |
| Stainless Steel | SUS304LTP | - | JISG3459 | SUS304LTP | - | 1.1.2 | 74518999 |
| Stainless Steel | SUS304 | - | JISG4303 | SUS304 | - | 1.1.2 | 73950066 |
| Stainless Steel | SUS304L | - | JISG4303 | SUS304L | - | 1.1.2 | 74819746 |
| Stainless Steel | SUS304N1 | - | JISG4303 | SUS304N1 | - | 1.1.2 | 73796080 |
| Stainless Steel | SUS304N2 | - | JISG4303 | SUS304N2 | - | 1.1.2 | 73796370 |
| Stainless Steel | SUS304LN | - | JISG4303 | SUS304LN | - | 1.1.2 | 74819748 |
| Stainless Steel | SUS304J3 | - | JISG4303 | SUS304J3 | - | 1.1.2 | 73893155 |
| Stainless Steel | SUS304 | - | JISG4304 | SUS304 | - | 1.1.2 | 73950066 |
| Stainless Steel | SUS304Cu | - | JISG4304 | SUS304Cu | - | 1.1.2 | 73449807 |

(continue)

(continue)

Note:

When the data created by the previous version is checked by the system, warning might be displayed as follows.

[mes113:Warning] Range of portion may not exceed allowed percentage.

In this case, it is recommended to correct "Temporary ID" input in "Node ID[material]" to "IMDS Node ID". As a result, the warning can be evaded.

Procedure:

1. Open material search box, and input the key word to display to the specified material.
2. Check "IMDS ID" input in "Node ID[material]" .
3. Shut material search box.
4. Correct "Temporary ID" input in "Node ID[material]" to "IMDS Node ID" .

(Supplemental remarks)

Data compatibility between Ver.2.04 and Ver.2.03

(1) External list

Not compatible.

Users must use the External list for Ver.2.04.

External list for older versions (Ver.2.00, Ver.2.01, Ver.2.02 or Ver.2.03) will not operating normally when using checking or selecting functions.

(2) CSV file

Compatible.

The JAMA Standard Material Datasheet can import a CSV file created using an older version (Ver.2.00, Ver.2.01, Ver.2.02 or Ver.2.03) .

However, some errors may occur with the input data of an older version because of the modification of a material or substance in the external list. If errors occur, the User must correct the data.