

iPCA/IHS

Option: Jama/Japia

Imprint

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I Introduction

This documentation describes the functionality of the module “Jama/Japia“.

This module allows to import and export files in the Jama/Japia csv file format. The “Jama/Japia“-module also allows using the master data necessary to extend existing IMDS data to be compatible with the Jama/Japia Excel sheet.

The module “Jama/Japia” is optional and only for users with the permission “Jama/Japia” accessible.

Specific information about the application iPCA is placed in the corresponding documentation.

2 New functions

V.7.08.009/7.21

- Changes for the material mapping during the import (see chapter 4.2.1)
- Version compatibility (see chapter 4.2, 5.3)
- Search and replace of similar materials (see chapter 4.3.6)

V6.9

- New configuration parameters are available for import (see chapter 5.3)
- “Jama/Japia Release” functionality (see chapter 4.3.4)

3 General information

3.1 Support

For any questions about the application please contact your Inhouse administrator.

This administrator will check and answer your enquiry.

If your Inhouse administrator can not solve the problem, he will contact iPoint-systems gmbh to get a solution for it.

It is important that only the in-house administrator contacts iPoint-systems gmbh as this is the only way to get a fast response and to avoid doing the work twice.

4 Working with the option “Jama/Japia“

4.1 Overview

All existing MDS can be extended with additional information necessary for the “Jama/Japia” spreadsheet. This additional data can be maintained using the tabulator “Jama/Japia” which is available for all MDS/modules (see red mark in Figure 1: “Jama/Japia” extension for MDs/modules). After all additional data were entered it’s possible to release the MDS with the “Jama/Japia Release” button (see green mark in Figure 1: “Jama/Japia” extension for MDs/modules) according the “IHS Ready” functionality.

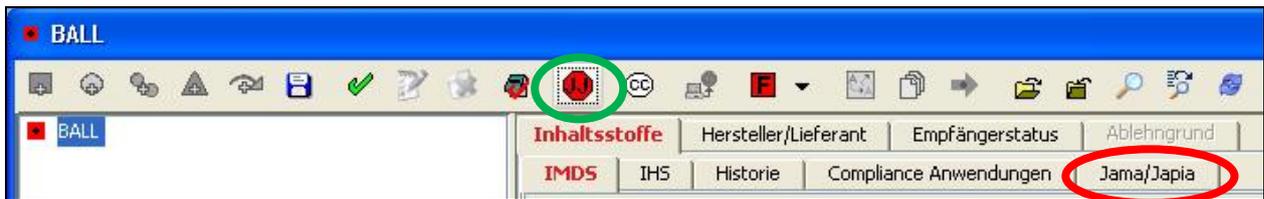


Figure 1: “Jama/Japia” extension for MDs/modules

For details about the Jama/Japia extra information, please refer to chapter 4.3 “Check/Edit/Release Additional Jama/Japia information”

Hint: The Jama/Japia specific data can only be edited for the “root” element of the BoM. To edit the Jama/Japia information for another node in the BoM, this node must be opened for editing (just by a right click on that node and selecting “edit”). This also applies to “Jama/Japia Release”.

As semicomponents are not supported by Jama/Japia, there is no tab available for semicomponents.

4.2 Import of CSV Files

The import of a Jama/Japia csv file can be done from all directories available.

In principle the user should import a file with the actual available Jama version, older versions could also be imported though there may occur data errors during import.

If it is guaranteed that higher versions are compatible in their format to the actual valid version then the allowed import version can be changed by the configuration parameter “JAMA_MAX_VERSION” (see also chapter 5.3).

To start the import of a “Jama/Japia” CSV file, the user has to select “data → Jama/Japia Import” from the menu.

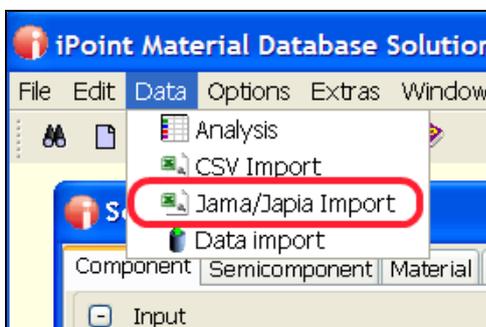


Figure 2: Jama/Japia import in application menu

An import dialog will open in which the user must provide the information about the file to import.

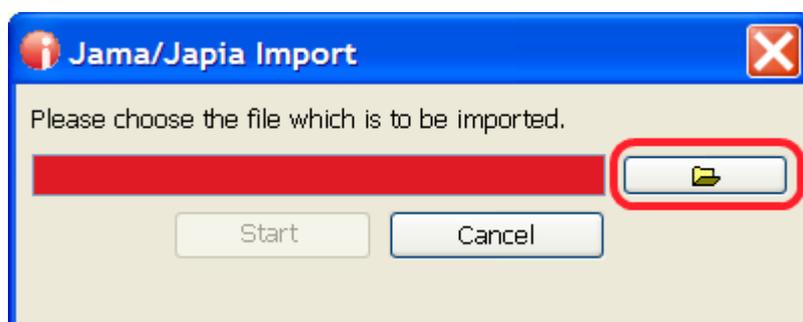


Figure 3: Jama/Japia csv import dialog

The file name must be entered together with the extension or can be selected by using the folder button (marked red).

Using the button “Start”, the import process will be started. By Clicking the button “Cancel” the window will close without invoking the import process.

After finishing the import the protocol of that import will be shown in a separate window, former imports can be viewed by the import/export list with type “Jama/Japia”, please refer to the separate documentation within the standard user manual.

4.2.1 Material mapping

During the import material datasheets will be created according to the data specified in the CSV file. Those materials can be treated as other materials (editing, using in parts) and can be uploaded to the IMDS Online system. Therefore the IMDS material pool will be extended gradually by new “Jama”-materials.

To reuse “Jama”-materials which were already imported and to avoid creating new materials with the same substance information following steps will be performed for searching/reuse of already imported materials:

- If a JIS norm/standard is set and the Jama material name or the Jama material no. conform with “Ep-Sn“, “Ep-Ni“, “Ep-Au“ or “Ep-Cu“ then fix defined IMDS-IDs will be used with the highest version, independently of the composition of the basic substances or if an IMDS-ID is set in the import file.
- If an IMDS-ID (i.e. IMDS-Node-ID) is set and the material is an IMDS committee material the given material with this ID will be used.
- If a JIS norm/standard and the material classification 1-4 is set and no IMDS-ID is available or the given IMDS-ID is not a committee material, then a search will be performed with the given norm/standard and material no. for a IMDS committee material. If such a material is found this will be used.
- To find own material already imported data will be searched for which the material is equal to IMDS remark field and which contain the same material classification. Further on the material no. is compared with the IMDS Std. Material No. (when empty with the material no.) and the norms are compared with another if the data is set in the import file. If the data are identical an additional comparison of the basic substance composition will be performed.
- If the found material has an IMDS-ID and a newer version of this MDS/module exists then that newer version will be used even if the basic substances or their portions are different to the specification of the import file.

If no material is found by that search to be used for referencing a new IMDS material will be created and a Jama material will automatically mapped to that new material (these are the data in the Jama/Japia tab).

This Jama material is searched by the importing data in the Jama material list. If no entry is found a new Jama material will also be created. If an entry exists already this entry is used to map the IMDS material to the Jama material.

4.3 Check/Edit/Release Additional Jama/Japia information

All references made between the iMDS/IHS edit fields and the corresponding Jama/Japia Excel Sheet version 2.12.

4.3.1 Components

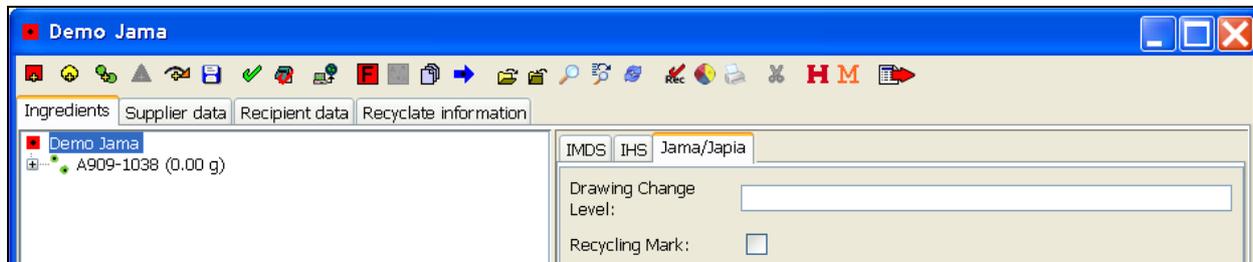


Figure 4: Jama/Japia information for components

Following Jama/Japia specific information is available:

- Drawing change level:
Corresponding to Jama/Japia Column 5
- Recycling mark:
Corresponding to Jama/Japia Column 33

4.3.2 Materials



Figure 5: Jama/Japia information for materials

If an existing IMDS material shall be used for the export, i.e. that the data in the export file could be filled correctly, the IMDS material must be mapped to a Jama material. This can be done in the tab Jama/Japia by selecting a corresponding entry in the Jama material list (see below).

Following Jama/Japia specific information is available:

- Requestor Material Code:
Corresponding to Jama/Japia Column 41
- Jama-Material
Corresponding to Jama/Japia Column 13.

Using the icon  will open a search screen as it is available in the Jama/Japia spreadsheet.

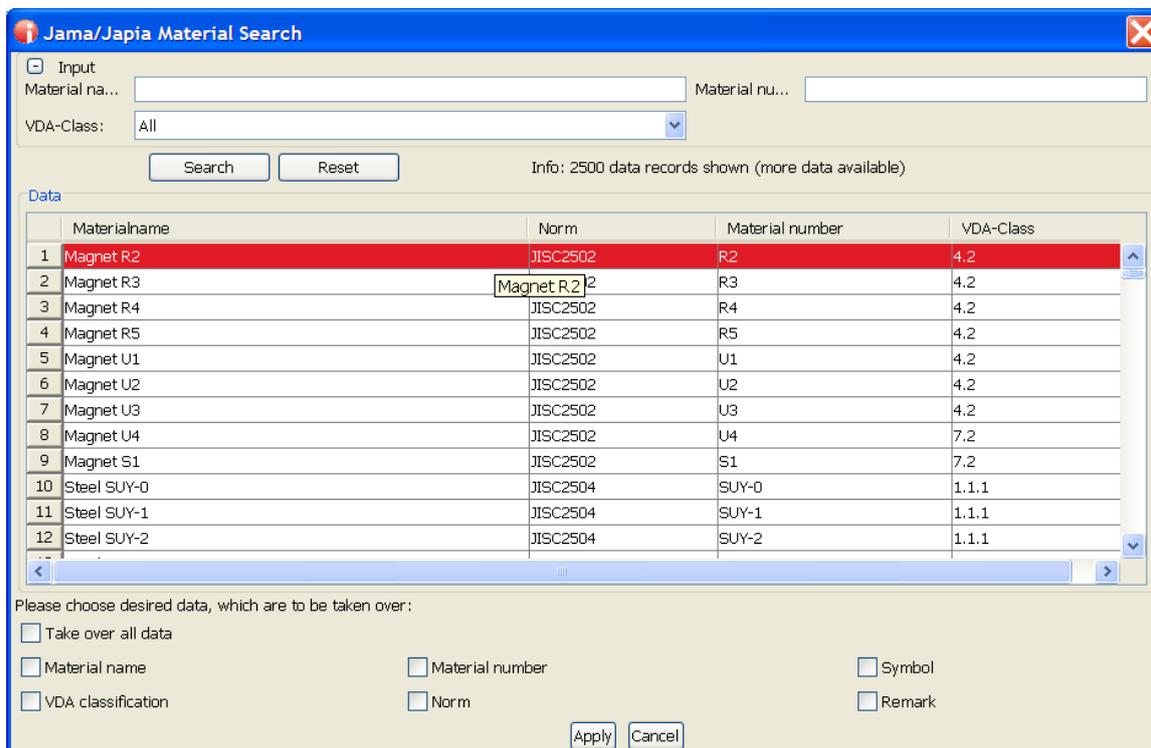


Figure 6: Search screen for Jama/Japia materials

To select a material from the list just click on the corresponding line and then use the button “apply” to confirm the selection.

Selecting “cancel” will close the screen without selection of a material.

The assigned Jama/Japia material will be displayed with its name (see red mark).

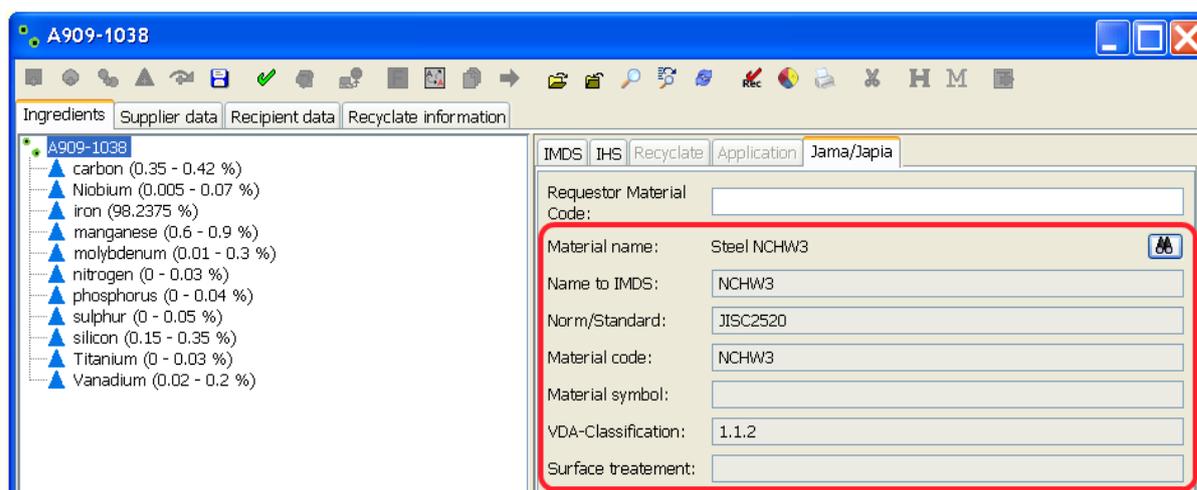


Figure 7: Jama/Japia material information

4.3.3 Substances

To edit Jama/Japia information for a basic substance, the material in which the basic substance is contained must be opened for editing.

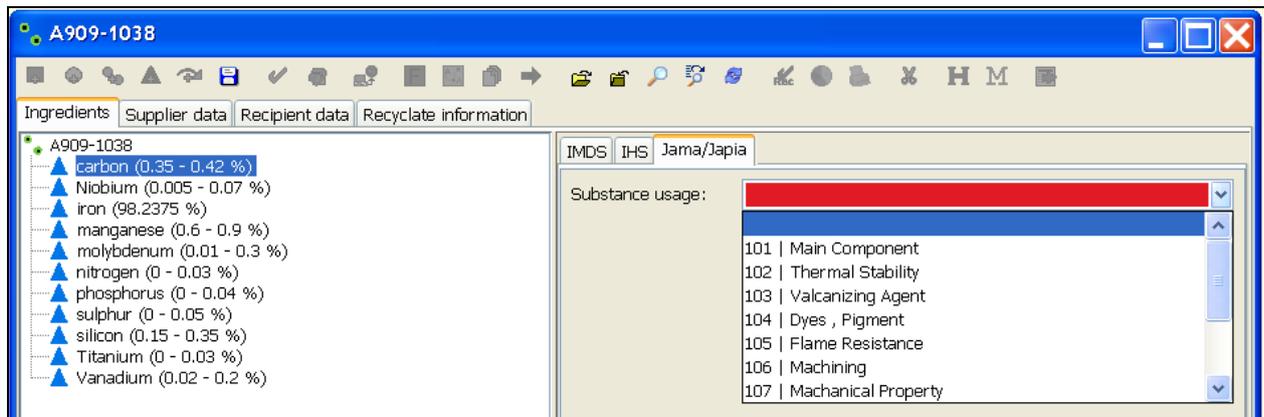


Figure 8: Jama/Japia information for basic substances

Following Jama/Japia specific information is available:

- Substance usage
Corresponding to Jama/Japia Column 21/22. This information is no more necessary since version 2.04 and is only available due to compatibility reasons.

4.3.4 Jama/Japia Release

After all additional data were entered it's possible to release the MDS with the "Jama/Japia Release" button (see green mark in Figure 9: Jama/Japia Release - flag not yet set) according the "IHS Ready" functionality. The only difference between the "IHS Ready" functionality is that no check is performed before "Jama/Japia Release" if the MDS has errors. If the MDS is "Jama/Japia Released" so editing of data is not longer possible.

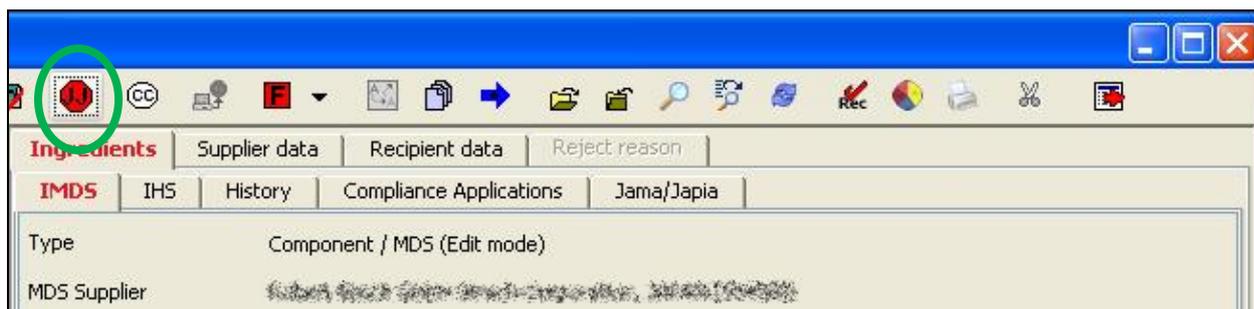


Figure 9: Jama/Japia Release - flag not yet set

After pressing the „Jama/Japia Release“ button, below green marked flag will be shown:

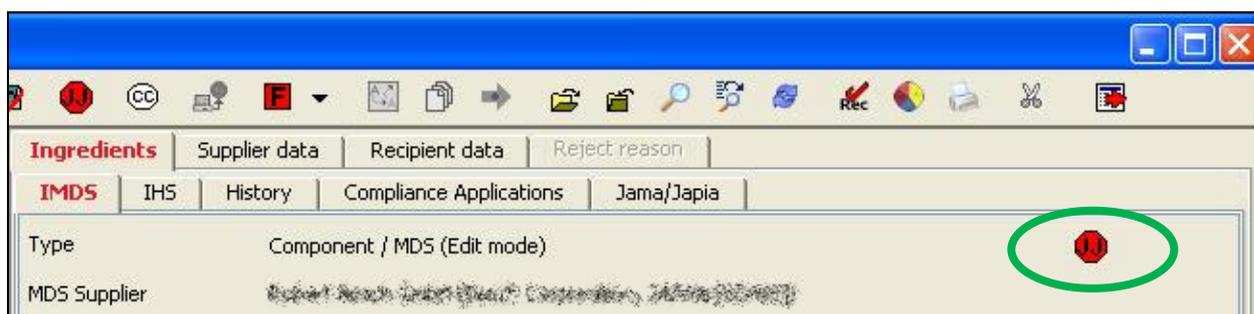


Figure 10: Jama/Japia Release - flag set

The "Jama/Japia Release" could be reset by pressing "Jama/Japia Release" button a second time. After that the „Jama/Japia Release“ flag will be hidden and MDS could be edited again.

4.4 Export of CSV Files

To export a MDS/Module for a conversion into the Jama/Japia CSV format, the export icon must be used (see red mark in Figure 11: Export into Jama/Japia format). The export format is created only for the currently youngest Jama sheet version, at the moment Version 2.12.



Figure 11: Export into Jama/Japia format

A window will open in which additional information must be entered:



Figure 12: Additional export information for Jama/Japia

Following Jama/Japia specific information is available:

- Version:
Displays the actual supported version for the export.
- Export date:
date today (can not be changed)
- OEM-Id:
Excel Column “C” in block “Basic information”
- Supplier id:
Excel Column “D” in block “Basic information”
- Supplier name:
Excel Column “E” in block “Basic information”
- Due date:
Excel Column “F” in block “Basic information”
The date can either be entered directly or chosen from a calendar



Figure 13: calendar to choose a date

- Confirmation date:
Excel Column “G” in block “Basic information”
The date can either be entered directly or chosen from a calendar (see above)

5 Administration

5.1 Maintaining Master Data

All master data which are needed to fill out a Jama/Japia Excel Spreadsheet are stored in the iPCA/IHS database. If there are changes to these master data, the iPoint support must be notified. The iPoint support will then change the master data to be compatible with the actual version of the Jama/Japia Excel spreadsheet.

5.2 User Management

To get access to the available Jama/Japia functionality in iPCA/IHS, the user must have the privilege “JAMIA_JAPIA”.

For information on how to assign a privilege to a user, please refer to the iPCA user management documentation.

5.3 Configuration Parameter

There are follow configuration parameter available:

- JAMA_IMPORT_COMP_TOLERANCE (0-100)
Percent value for the tolerance field of components which should be prefilled during import
- JAMA_IMPORT_DP_AS_MDS (true/false)
true -> All “Delivery Parts” will be created as MDS during import
false -> All “Delivery Parts” will be created as modules during import
- JAMA_IMPORT_COMP_AS_MODULE (true/false)
true -> All components will be created as modules during import
false -> All components will be created as simple node during import
- JAMA_MAX_VERSION (numeric)
Possibility to set a higher version which is allowed for the import and therefore may be used with the import file.
Only numeric version numbers must be specified, e.g. “2.15” (with point as decimal separator!).

Information about the handling of the configuration parameters you could find in user manual of the iPCA/IHS.

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7 Change History

Version	Date	Description
5.00.000	2007/03/16	Creation
5.1	2007/05/30	Updated chapter 4.2 “Import of CSV Files”
6.0	2008/10/25	Release 6; naming changed to iPCA
6.9	2009/02/11	Added chapter 5.3 “Configuration Parameter” and 4.3.4 “Jama/Japia Release”
7.21	2010/11/03	Changes during import concerning the material mapping; Version compatibility