

# IMDS Guideline for Suppliers





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	REVISION RECORD					
Department		Competitor Analysis				
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### 1.0 INTRODUCTION

The IMDS (International Material Data System) is the automobile industry's material data system. Initially, it was a joint development of Audi, BMW, Daimler, DXC, Ford, Opel, Porsche, VW and Volvo. Further manufacturers have meanwhile joined the community and IMDS has become a global standard used by almost all the global OEMs. Talks are being held with further manufacturers regarding their participation in IMDS. In IMDS, all materials used for automobile manufacturing are collected, maintained, analyzed and archived. Using the IMDS, it is possible to meet the obligations placed on automobile manufacturers, and thus on their suppliers, by national and international standards, laws and regulations.

IMDS guideline is prepared to ensure that **STANT Corporation** material specification are made available for component by component in the International Material Data System (IMDS) and to meet the obligations with the End of Life Vehicle Directive (ELV), Registration, Evaluation, and Authorization of Chemicals (REACH), Restricted Hazardous substance (ROHS), Conflict Minerals (CMRT) and Global Automotive Declarable Substance List (GADSL) by feeding in the data precisely and within the time lines prescribed by the end customers (OEM's).

### 2.0 SCOPE

This procedure is to understand about, **all the products** which are supplied to **STANT Corporation** shall meet the customer and regulatory requirements or declarations via the International Material Data System (IMDS) by all suppliers (component or material suppliers).

### 3.0 DEFINITIONS, ABBREVIATIONS, AND SYMBOLS

BOM - Bill of Material: A multi-level list of components used to produce a complete product.

#### ELV - End of Life Vehicle Directive:

The End of Life Vehicles Directive is a Directive of the European Union addressing the end of life for automotive products.

#### **Objective:**

- To recycle re-use and recovery of parts to reduce the hazardous waste
- To Protect the "Environment and human health"
- Design for Environment

#### **GADSL - Global Automotive Declarable Substance List:**

This list includes possible harmful substances and define those by limited values. Also, covers declaration of certain information about substances relevant to parts and material supplied by the supply chain to auto manufacturer.

**MDS - Material Data Sheet**: A report created within IMDS to state the material content (100% chemical composition) for a component or product.

### **REACH - Registration, Evaluation, and Authorization of Chemicals.**

Reach requires the compulsory registration of all the substances that are sold, imported, manufactured or used in quantities exceeding one tones per year in the European Union.



### 4.0 REGISTER YOUR COMPANY IN IMDS SYSTEM

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- 4.1 If your company already registered under IMDS system, then you can start creating MDS reports as per ELV requirements.
- 4.2 If not registered, then follow the below instruction to register your company.

$\checkmark$	Open URL		
	www.mdsystem.com.	Login New at IMDS?   IMDS Information Pa	ges IMDS Advanced Solutions
$\checkmark$	Click on Login button		
$\checkmark$	Click on Register your	WELCOME TO THE I	NTERNATIONAL
	company (refer image),	MATE	RIAL DATA SYSTEM
	in case of any questions		STOTEM
			Login
	refer "Tips for your company		User ID
	registration".		Password
$\checkmark$	Fill all required information to	register your company in	Language English <b>v</b>
	IMDS system.		P Login
			User ID forgotten     Request new password
			Terms of use
			Registration
	· · · · · · · · · · · · · · · · · · ·	ATERIALDATA	Register your company     Tips for your company     registration
	Company Registration		
ser ID	Company Data Please enter your company data in the following fields. Each field marked with a red asteriak is mandatory.	in l	Help
pusge English	Company Name *		Online User Manual     Contact IMDS Service Center
Plagn	Street *		IMDS Training
	Oty *		Frequently Asked Questions
e User Manual	Maibox	#	Quick References
s of use ID forgotten lest new password	DUIS Number		How to create a component MDS
act	Country *		How to create a material MDS
tion Iter your company	Company Administrator Unter the Company Administrator's data here. This user is responsible for the administration of your company. He creates organ YOUR COMPANY AD HOT YOUR CUSTORER. Takke sure the Company Administrator's e-mail address is correct, because your company registration data		
	Since IMDS is an international system, please also include the country dailing code in the phane number.		
	Last name		
	Telephone No.		
	Fax No.		
	E Mail Address		
	Repeat e-mail Address *		
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**Note:** Please ensure the e-mail address field is filled with the correct address as this is where the confirmation mail is sent. User IDs are assigned to individuals and not to companies. The only authorized user of the ID also has the names and e-mail address associated with the ID. We require each person working in IMDS have their own User ID.

4.3 After registering your company, you will get unique IMDS ID for your company and that ID will be used for getting MDS reports from your suppliers (if you are purchasing any material from any suppliers).



Login	IMD5 Credentials
User ID	Please copy your INDS credentials below and store them in a safe place. They will not be displayed again, so make sure you copy them correct.
Password Language English	User ID and the Password
<b>J</b> <sup>®</sup> Login	Conpany (D) 94110 Conpany Nane Stant
Help  Online User Manual	Next you will receive an e-mail containing a link to activate your new company in IMOS. After that you can use your user ID and password to log in the IMOS application. Please be aware that the link can only be used once and will get invalid after 2 weeks for security reasons.
Terms of use     User ID forgotten     Request new password	I confirm that I have copied the above IMDS credentials.
Contact	
Registration	
Register your company	

4.4 An email with login credentials will be sent to registered email ID.



4.5 **IMDS Navigation:** Once the user enters IMDS, the user will see a window that consists of several options. The following figure illustrates the various options.



Main Menu and bu	MATERIALDATA SYSTEM
User Information Certisonert Sargle Report Language Exploit in Date (only for MOSs)	Suppler HDSs, Own HDSs/Hodules Company_/Cg_D Suppler HDSs, Own HDSs @ own HDS
Ver • Menu Boport Type Jeane Working area, Deta	Part/Stem No., Item - Mat. Ho., Material No.  ID / Version  Suppler
	Open context menu

User Information Area / Log off (upper left corner): In this area of the screen the user's name and the registered company name IMDS ID is displayed.

### Main Menu and Buttons:

The Main Menu and Buttons present all options to which the user profile currently has access. This menu is interactive, meaning the cursor highlights the chosen menu options. Upon clicking an option, the results will be displayed in the working area. Menu items which are not available at this time are displayed in faded color. The following section describes each of the menu items.

### **Context Menu:**

By right clicking or using the "Menu" command at the bottom right all actions available for the respective entry in the result list are displayed in the Context Menu.



### 4.6 If you are New to IMDS, then read and understand the IMDS user Manual which helps in creating MDS reports for your products.

IMDS System New to IMDS		
🔒 IMDS login	NEW TO IMDS?	Please be sure to read all the topics in <u>Reading for</u> New Users before starting
	Why do I have to use IMDS?	data entry.
? New to IMDS?	There are many legal requirements throughout the world that require automotive manufacturers (OEM) to report on the content of the vehicle. Additionally, there are recyclability and reuse requirements in some parts of the world. Instead of each automotive manufacturer developing their	IMDS at our clients
Reading for New Users	own system and requirements, a group of them decided in the late '90s to develop a common system to be used throughout the automotive supply chain – IMDS. You are not alone – in the years since	BMW - OEM's perspective
Ocompany Registration	IMDS became productive, over 300,000 user IDs in over 100,000 IMDS companies (as of September	Brose - Supplier's view
Oreate an MDS	2013) were issued. It is the standard for the automotive industry.	
	All this is free?	
	The usage of the browser based IMDS is free for the global supply chain.	
	DXC Technology (former EDS) has developed and hosts the basic IMDS system. We have developed additional services that can be purchased for companies with a large amount of data to be entered or for requests that do not fall within the scope of the helpdesks (e.g. moving data from one IMDS company to another) (see <u>IMDS Advanced Solutions</u> ).	
	What do I have to do?	
	First of all, your IMDS experience will go much more smoothly if you read the information given. We have published a wealth of documents that answer common user questions. It is expected that you live up to the Terms of Use that you accept at first login – this includes managing the users in your own company and keeping the contact information up-to-date.	
	It is also highly recommended that you get <u>training from a qualified source</u> . If you cannot do that, then you need to read the information available:	

### 5.1 Supplier MDS Submissions

5.1.1 The IMDS system enable for reporting of the chemical content of products at all levels of the automotive industry supply chain. Consistently to this vision, STANT CORPORATION requests component suppliers to create and submit Material Data Sheets (MDS) for the supplied parts and material to STANT Corporation IMDS Org ID 94110 and should be submitted one week before the PPAP date. STANT Corporation review the submitted MDS and take appropriate decision (Accept or Reject). If the MDS is rejected, supplier has to re-submit the MDS by updating the rejection reason mentioned by STANT Compliance Engineer within 2-3 days.

### 5.1.1.1 Advantages of using IMDS System;

- 1. **No fee charged** to component/Material manufacturer (supply chain) to use the IMDS system.
- 2. Using the IMDS system functionality to calculate total chemical content of complex assemblies.
- 3. Demonstrating compliance to ELV, REACH, CMRT and GADSL requirements in a common format accepted by the Global Automotive industries.



### 6 STANT Corporation IMDS Acceptance Criteria

Creation of Component	Requirements and References as per ELV&IMDS		
Part number	Mandatory - Need to mention supplier part number		
Measured weight	Mandatory: Measured weight; if not available, weight on drawing		
Preliminary MDS	Do not select check box for Preliminary MDS		
Parts Marking	Mandatory - As per IMDS Recommendation-001		
Application ID	Mandatory - As per ELV AnnexII		
IMDS ID	One IMDS ID for every part# of STANT CORPORATION		
	Creation of Material		
Name	According to Recommendation 001		
Trade name	According to Recommendation 001		
Material number	According to Recommendation 001		
Symbol	According to Recommendation 001		
Classification	According to VDA 231-106		
Norms/Standards	Mandatory for Polymeric/Elastomeric materials		
	Basic Substances		
Range	According to Recommendation 001		
Joker	According to Recommendation 001		
Confidential substances	According to Recommendation 001		
GADSL	According to Recommendation 001		
Recipient Status for STANT CORPORATION			
Part /Item number	Mandatory - Need to mention STANT CORPORATION part number Format -XX digits ex: AAA-XXXX		
Description	Mandatory - As per drawing/STANT CORPORATION specification		
Drawing number	Optional - As per drawing/STANT CORPORATION specification		
ersion/date Optional - As per drawing/STANT CORPORATION specification			
Sample report number	Optional		
Sample report date	Optional		
Order number	Optional		
Forwarding allowed	Mandatory - Yes		



<u>Important Note</u>: Suppliers are requested to follow the above-mentioned acceptance criteria to accept your MDS reports.

### 7.0 Engineering Change Request [ECR]

7.1 For any ECR for ex: change in design (Engineering Change), material and mass of the products, which are supplied to STANT CORPORATION, then supplier has to revise the IMDS by copying the previous version of the submitted IMDS and making a new version and re-submit to **STANT Corporation IMDS Org ID 94110** 

### 8.0 Point of Contact Details - STANT

In case of any questions, kindly contact to respective departments to get right guidance to meet the IMDS requirements.

Description	Dept	Email	Phone#
BOM Related	Quality Engineering		
Engineering Change	Design		
Supplier Contact	Buyer		
Compliance Activities	IMDS Team	compliance@stant.com	+91-9740000662

### 9.0 Links and References

### 1) IMDS OEM Customer Specifications

https://public.mdsystem.com/en/web/imds-public-pages/oem-specific-info

### 2) ELV Directive and Annexure II

<u>https://eur-lex.europa.eu/legal-</u> <u>content/EN/TXT/PDF/?uri=CELEX:02000L005320130611&qid=1405610569066&from=</u> <u>EN</u>

https://public.mdsystem.com/documents/10906/16811/elv\_amendment\_annex\_II\_20 17.pdf/ae353b86-b3c0-4b77-8b0d-59b5bcfe9166

### 3) GADSL weblink

https://www.gadsl.org/

### 4) REACH weblink

http://ec.europa.eu/environment/chemicals/reach/reach en.htm

### 5) RoHS Directive

http://ec.europa.eu/environment/waste/rohs\_eee/index\_en.htm

**Note:** This guideline will provide basic information about IMDS operations, however all suppliers requested to study in detail about IMDS system operations from the help files available in mdsystem.com or from IMDS Training partners. https://public.mdsystem.com/en/web/imds-public-pages/imds-partners