

# Guideline for IMDS-Material Data Sheets



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## 1 Introduction

Concerning the compliance to legal requirements regarding prohibited substances (see chapter 4) **IMDS-Material Data Sheets (MDS) have to be sent to VinFast via IMDS-System.** IMDS (International Material Data System) is the global material data management system of the automotive industry. IMDS collects, maintains, analyses and archives all materials used in the production of cars. By using the IMDS, it is possible to meet the obligations imposed on automotive manufacturers and their suppliers by national and international standards, laws and regulations. (Source: [www.mdssystem.com](http://www.mdssystem.com))

## 2 IMDS-ID

Material Data Sheets have to be sent to the following IMDS-ID:

**188757      Magna Steyr Fahrzeugtechnik Project Vinfast S&S**

See flow chart in figure 1:

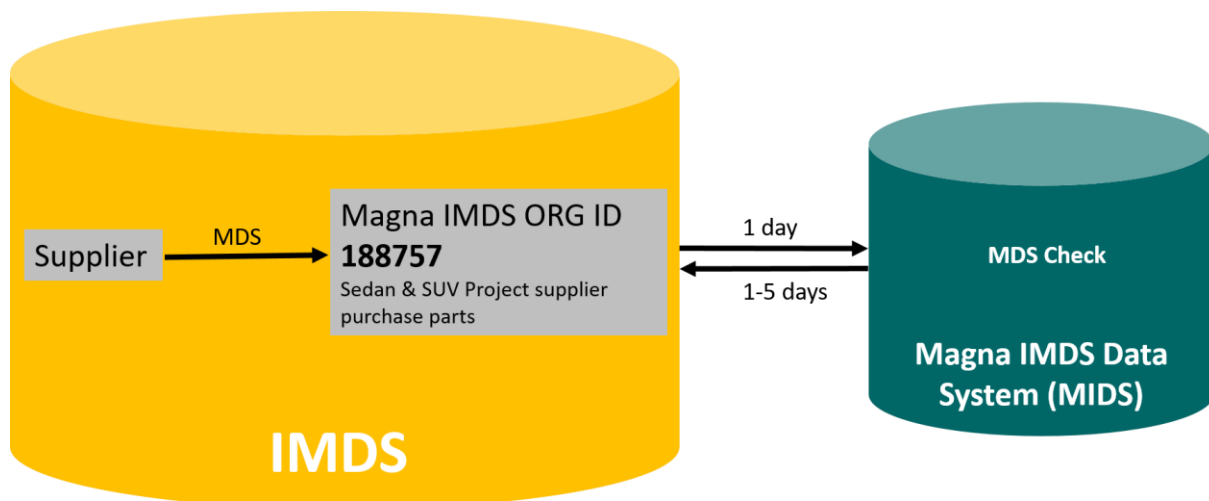


Figure 1: Flow Chart IMDS

**Note:**

VinFast IMDS ID 192996 is used for VinFast Inhouse Parts. All supplier parts of VinFast Sedan & SUV project have to be sent to ID 188757.

IMDS Check of ID 188757 will be done by Magna IMDS Service Team in Magna IMDS Inhouse System MIDS.

Due to IT system circumstances the download to MIDS takes 24 hours. The average check time of the material datasheets is 1 to 5 days.

# VinFast IMDS Guideline

## 2.1 Part definition

### Supplier Purchase Parts:

PPAP relevant purchase parts from Vinfast suppliers with contract between supplier and Vinfast

### VF Inhouse Parts:

PPAP relevant Vinfast manufactured parts (e.g. BIW)

## 3 Timeline Sedan & SUV Project

In general the IMDS-MDS

- for carry over parts have to be sent **latest till project milestone PTO (or latest till Q1 2019)** to the defined IMDS-ID.
- for new and modified parts have to be sent **latest till project milestone PP (or latest till Q2 2019)** to the defined IMDS-ID.

The timeline of IMDS material data sheet submission has to be communicated to the responsible SQE (Supplier Quality Engineer).

## 4 Legal requirements regarding prohibited substances

The requirements of the following standards have to be met:

- Prohibition & Restriction of substances acc. Vietnam Law on Chemicals No. 06/2007/QH12
  - incl. Vietnam national chemical inventory 2017
- Prohibition & Restriction of substances acc. Global Automotive Declarable Substances List GADSL
  - [www.gadsl.org](http://www.gadsl.org)
- Reporting according UN R133
  - Declaration of Pb/Cd/Hg/Cr6+
  - <https://globalautoregs.com/rules/185-light-vehicle-recyclability>

## 5 Access to IMDS for suppliers

In general the usage of IMDS ([www.mdsystem.com](http://www.mdsystem.com)) is free of system costs for suppliers (see figure 1)

# VinFast IMDS Guideline

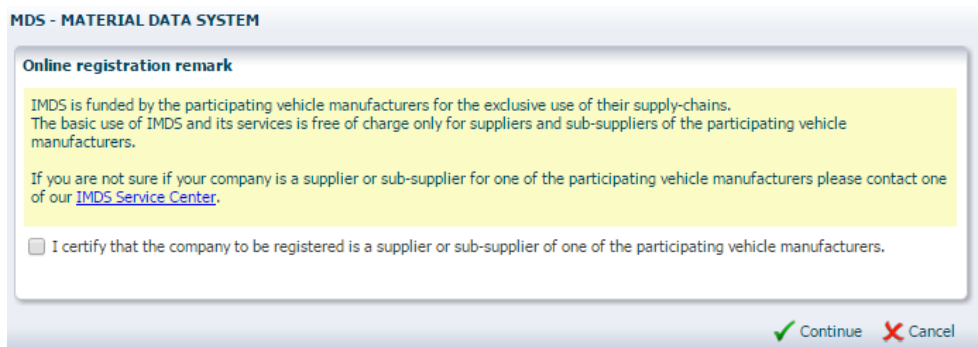


Figure 2: IMDS costs

Suppliers without access to IMDS have to register themselves to the system by naming their Company Data, Company IMDS Administrator and Company Contact Person (see figure 2):

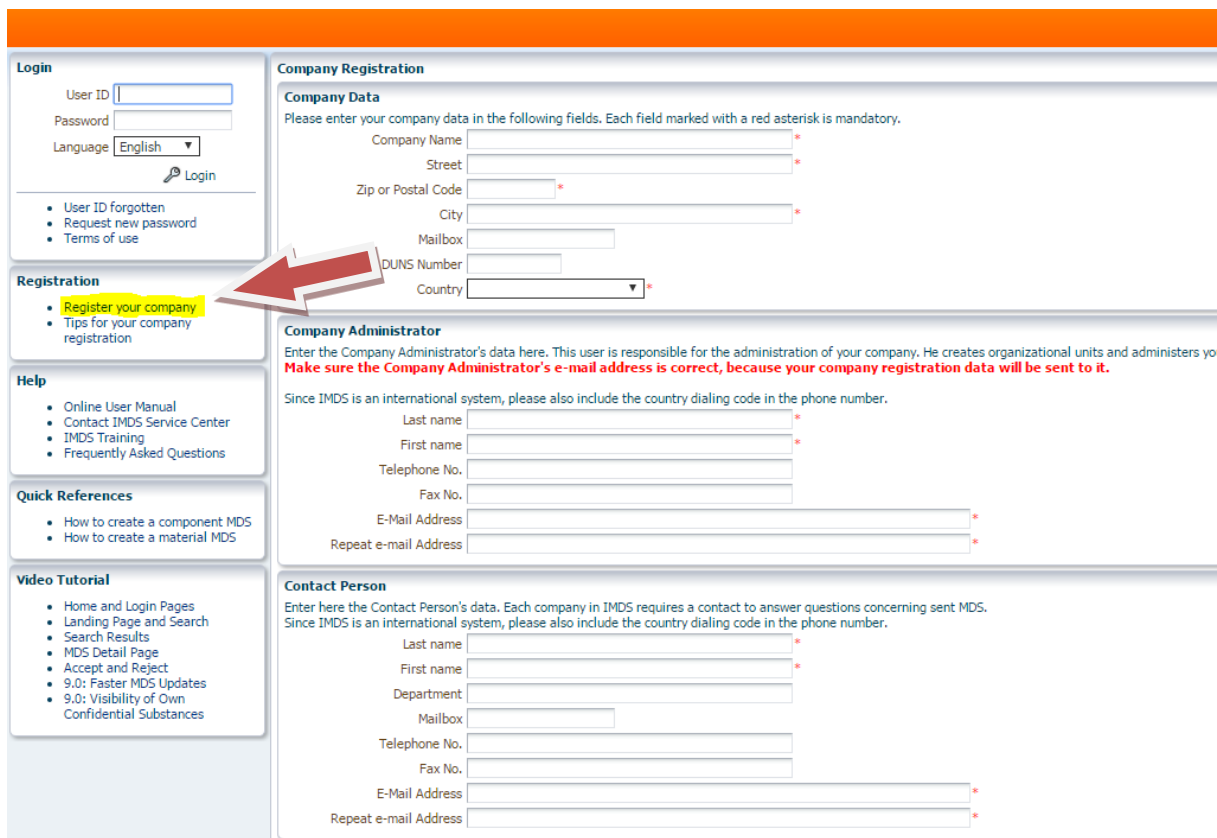
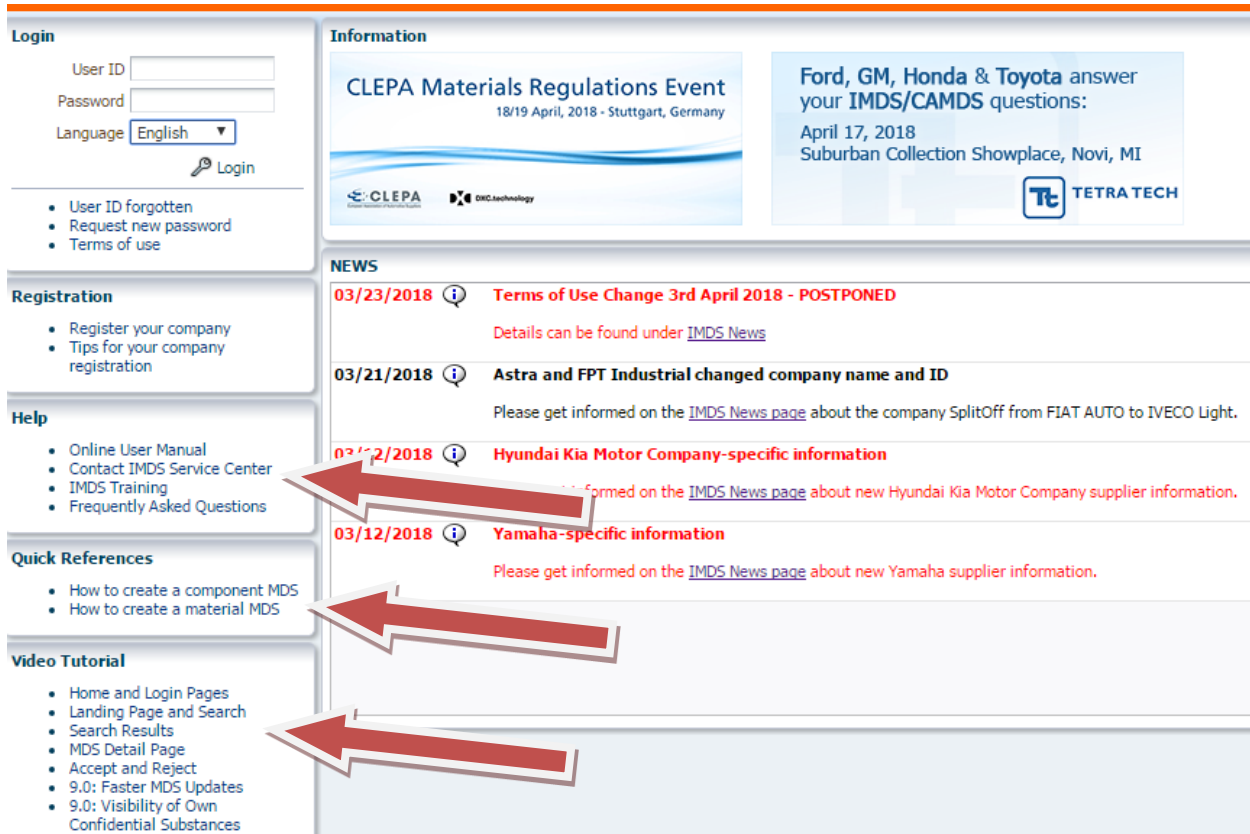


Figure 3: IMDS registration

## 6 Required quality of Material Data Sheets (MDS)

At the login pages of the IMDS-System (<https://www.mdsystem.com/imdsnt/faces/login>) general guidelines and user manuals are available (see figure 3). Further information can be found on the public pages (<https://www.mdsystem.com/magnoliaPublic/en/public.html>) of IMDS.



**Figure 4: How to find the guideline for creating of a MDS**

## 6.1 Language

It is mandatory to send all MDS in **English**. This includes English names for parts, semi-components and materials.

## 6.2 MDS type

It is mandatory to send all MDS in FINAL quality and marked as FINAL (without checkmark “PRELIMINARY” at the head of the IMDS MDS).

All MDS which marked as “PRELIMINARY” would be rejected.

## 6.3 IMDS-Recommendations

MDS must comply with the current valid IMDS-Recommendations. The IMDS-Recommendations are published in IMDS after login (see Figure 4).

Please see IMDS-Recommendation 001 and 001a for the basic information on quality of MDS.

# VinFast IMDS Guideline

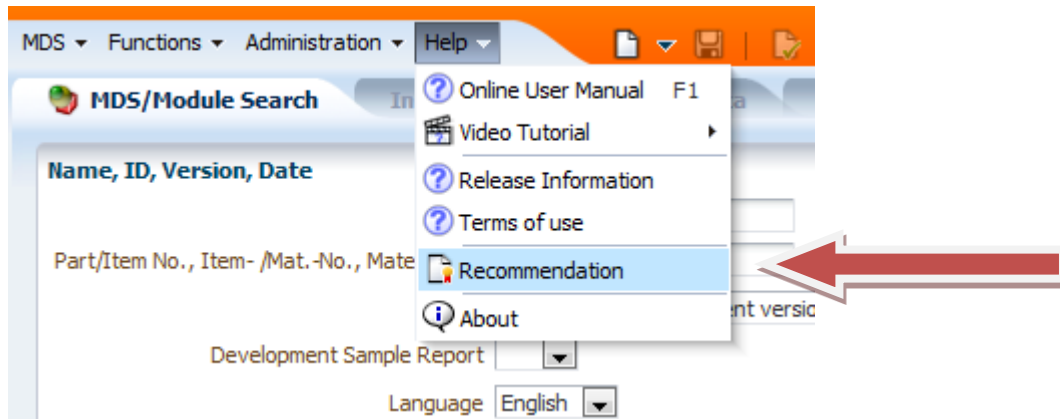


Figure 5: How to find the IMDS-Recommendations in IMDS

## 6.4 Further Information regarding quality

IMDS OEM acceptance criteria:

[https://public.mdssystem.com/documents/10906/17094/oem\\_acceptance\\_criteria\\_nov2007.pdf](https://public.mdssystem.com/documents/10906/17094/oem_acceptance_criteria_nov2007.pdf)

Create Tips material:

[https://public.mdssystem.com/documents/10906/16811/IMDS+Create+MDS+tips\\_Material.pdf/11ee4395-31de-4b44-ae30-6e3b34d2e98d](https://public.mdssystem.com/documents/10906/16811/IMDS+Create+MDS+tips_Material.pdf/11ee4395-31de-4b44-ae30-6e3b34d2e98d)

Create Tips component:

[https://public.mdssystem.com/documents/10906/16811/IMDS+Create+MDS+tips\\_Component.pdf/426cf575-8398-474e-9c62-8f39d7db9b32](https://public.mdssystem.com/documents/10906/16811/IMDS+Create+MDS+tips_Component.pdf/426cf575-8398-474e-9c62-8f39d7db9b32)

IMDS Efficiency and Efficientiveness:

[https://public.mdssystem.com/documents/10906/16811/imds\\_efficiency\\_and\\_effectiveness\\_v\\_1\\_2.pdf/e24fa003-8649-440c-ad9d-8cc8b4b36b8f](https://public.mdssystem.com/documents/10906/16811/imds_efficiency_and_effectiveness_v_1_2.pdf/e24fa003-8649-440c-ad9d-8cc8b4b36b8f)

## 6.5 Quality of Recipient Data

An example for the required quality of MDS regarding recipient data can be seen in Figure 5.

The necessary information is available on drawings and 3D datasets. Otherwise please contact the responsible part owner or SQE.

**Details**

**Transfer Information**

Company MAGNA STEYR Fahrzeugtechnik [1117]  
 Organisation unit MAGNA STEYR Graz Project Vinfast SEDAN/SUV [188757]  
 Recip. Status edit mode

Supplier Code 2100001 ← VINFAST SAP Vendor Code

Name EXAMPLE PART ← VINFAST Part Name (English)

Part/Item No. BIW0000999 ← VINFAST Part Number (11 or 14 digits)

Transmission/Check Date not available

Forwarding allowed  ← "Forwarding allowed" must be checked

**Drawing**

Drawing No. BIW0000999 ← Drawing Number

Drawing dated 01/31-Oct-2018 ← Version/Release Date

Drawing Change Level E18VN99999 ← ECO Number/Drawing Revision Order

**Purchase Order**

Purchase Order No.

Bill of Delivery No.

**Report**

Report No.


Date of Report  

Figure 6: Example for required quality of a MDS regarding recipient data

b	ECR00000052	drawing release	KNAUS M.	WONISCH M.	18.12.18	
a	E18VN242123	PR-Release without drawing	KNAUS M.	WONISCH M.	14.11.18	
Number changed from VFBW00000161 to BIW10000161						
REV. NO.	REVISION ORDER	DESCRIPTION	NAME	CHECK	DATE	
PROCESSING STATUS	REV. NO.	REVISION ORDER	CUSTOMER/SUPPLIER-DRAWING/PART-NO.	DESIGN RESPONSIBILITY	KNAUS M.	16.04.18
PROGRESS	PR	b	E18VN242025	FIRST EDITION	KNAUS M.	16.04.18
DATE			CHECKED	WONISCH M.	16.04.18	
16.04.2018			STANDARD/EDITOR	SCHREINER M.	16.04.18	
SYSID: CATIA V5R26			MATERIAL ENGINEERING			
PROJECT/EA	CUSTOMER/SUPPLIER	FINAL CONDITION				
VN24	Vinfast/Supavut					
PART SIMILAR TO/DERIVED FROM	PROJECTION ISO 5456-2 REFERENCE ARROW LAYOUT	DRAWING	SF PRODUCT/DIMENSION STANDARD			
		K3				
<b>VINFAST</b> COPYRIGHT *** DEPICTION AND SPECIFICATION ACCORDING TO VINFAST-STANDARD VFAST00007701 *** REFER TO PROTECTION NOTICE ISO16016 *** DEPICTION AND SPECIFICATION ACCORDING VINFAST STANDARDS *** PRODUCTION AND DELIVERY ONLY ACCORDING TO DRAWING AND TESTED AND RELEASED SAMPLES ANY ALTERATIONS ONLY AFTER PRIOR WRITTEN PERMISSION ***	GENERAL TOLERANCES	DIN EN ISO 1101		MATERIAL/BLANK		
	SURFACE PROTECTION	see drawing		see drawing		
	PKWS (kg) (calculated)	3,790		TITLE		
	COMPANY	Supavut		ASSY_HATCH_SPOILER_W_ANT		
	<b>VINFAST</b>	DRAWING-/PART NUMBER	BIW10000161		VERSION	003
				SCALE	1:5 (1:2)	
				SHEET	1/1	
				SIZE	R1A0	

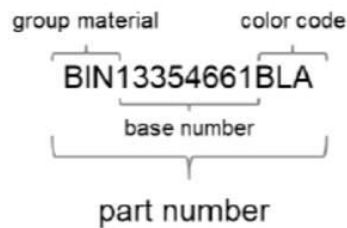
Figure 7: How to find necessary data for IMDS MDS on drawing



# VinFast IMDS Guideline

## 6.5.1 VinFast Part number

The logic of the VinFast Part Number is shown in figure 8:



**Figure 8: Logic of VinFast Part Number**

For parts without color code the VinFast Part Number is 11 digit.

For parts with color code the VinFast Part Number is 14 digit.

In IMDS there are two choices for colored parts to send to VinFast:

- 1) Send one MDS with one color with 11 digit VinFast Part Number (without color code).  
In that case MDS is representing all colors. Substances should be worst case according GADSL.
- 2) Send all colors with the 14 digit VinFast Part Number (including color code)  
In that case for every color a separate MDS has to be sent.

## 6.5.2 Supplier code

At the area "Supplier Code" you have to note the 7 digit SAP Vendor Code from VinFast.

Example: 2100001, 2100111, 2100300,...

# 7 Contact

## 7.1 Contact IMDS System

For questions about **IMDS System (login, registration, functionality, aso.)** please contact:

<https://public.mdsystem.com/en/web/imds-public-pages/imds-service-centers>

# VinFast IMDS Guideline

## IMDS SERVICE CENTERS

DXC Technology has established Service Centers in various countries.

**All users can contact any Service Center which suits their language and working hours.**

To avoid delays and confusion, please send your request to **only one** Service Center.

**IMDS American** Service Center supporting English language

Monday through Friday, 8 a.m. to 5 p.m. (CST)

phone: (+1) 844 650 4217 / email: [imds-helpdesk-english@dxc.com](mailto:imds-helpdesk-english@dxc.com)

**IMDS European** Service Center supporting **English** language

Monday through Friday, 8 a.m. to 4.30 p.m. (GMT+1)

phone: (+36) 1 778 9821 / email: [imds-helpdesk-english@dxc.com](mailto:imds-helpdesk-english@dxc.com)

**IMDS European** Service Center supporting **French and German** language

Monday through Friday, 8 a.m. to 4.30 p.m. (GMT+1)

phone: (+33) 1 57 32 4856 or (+36) 1 778 9821 / email: [imds-helpdesk-emea@dxc.com](mailto:imds-helpdesk-emea@dxc.com)

**IMDS European** Service Center supporting **Portuguese** language for emails **\*NEW\***

email: [imds-helpdesk-emea@dxc.com](mailto:imds-helpdesk-emea@dxc.com)

**IMDS Japanese** Service Center supporting Japanese and English language

Monday through Friday, 9 a.m. to 5.00 p.m. JST (GMT+9)

phone: (+81) 3 4530 9270 / email: [jpimds-helpdesk@dxc.com](mailto:jpimds-helpdesk@dxc.com)

**IMDS Korean** Service Center supporting Korean language

Monday through Friday, 9 a.m. to 5.00 p.m. Seoul (GMT+9)

phone: (+82) 2 6138 3661 / email: [imds-k-helpdesk@dxc.com](mailto:imds-k-helpdesk@dxc.com)

**IMDS Chinese** Service Center supporting Chinese language

Monday through Friday, 9:30 a.m. to 12:30 p.m., 1:30 p.m. to 5:00 p.m. BST (GMT+8)

phone: (+86) 27 87431668 / mail: [IMDS-EDS-Helpdesk-China@dxc.com](mailto:IMDS-EDS-Helpdesk-China@dxc.com)

**Figure 9: Contact to IMDS Service Center**

## 7.2 Contact VinFast IMDS

For general questions on IMDS at VinFast please contact:

VINFAST IMDS Team:

Email: [imds@vinfast.vn](mailto:imds@vinfast.vn)

Project IMDS Engineer:

Name: Mr. Tuan Nguyen Quoc  
Email: [y.tuannq13@vinfast.vn](mailto:y.tuannq13@vinfast.vn)  
Phone: **+84 888 255 522**

## 7.3 Contact VinFast SEDAN & SUV project

For questions about **IMDS Material Data Sheets** for project SEDAN & SUV at MAGNA please contact:

IMDS Team MAGNA STEYR:

Email: [imdsserviceteam@magna.com](mailto:imdsserviceteam@magna.com)

or

# VinFast IMDS Guideline



Project IMDS Engineer:

Name: Mr. REIP Gernot  
Mail: [gernot.reip@magna.com](mailto:gernot.reip@magna.com)  
Phone: +43 664 8840 7275

For questions about **PPAP and quality issues** please contact the responsible SQE or head of Vinfast quality:

Name: Mr. Stuart KINKADE  
Mail: [v.kinkades@vinfast.vn](mailto:v.kinkades@vinfast.vn)

## 8 Document changes to previous versions

Date	previous version	Current version	Change
08/30/2018	1.0		First version created
10/23/2018	1.0	2.0	Update of timeline for MDS submission COP, new, & modified parts
10/29/2018	2.0	2.1	Update quality responsible (contact information)
10/31/2018	2.1	3.0	Modify chapter 5.5
01/10/2019	3.0	4.0	Changing Guideline to common VF IMDS Guideline, add chapter 6.5.1, change chapter 2, add chapter 3, changing chapter 6.5 drawing No., Changing Contacts