

2015

Information Booklet for Hybrid Product Certification, Labelling and Importation



SIRIM QAS International Sdn. Bhd.
Communication and Multimedia Certification Section

Building 25, SIRIM Complex,
No. 1, Persiaran Dato' Menteri,
Section 2, P.O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan, Malaysia

Fax: +60 3 5544 6912
Email: cmcstech@sirim.my
Website: www.sirim-qas.com.my
Online application: <https://ecomm.sirim.my>

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**INFORMATION BOOKLET FOR TYPE APPROVAL OF COMMUNICATION AND MULTIMEDIA PRODUCT
(HYBRID PRODUCT)**

1. INTRODUCTION

Definition of Hybrid Product:

Product with multiple features that is subjected to multiple regulations and requirements.

It covers a range of apparatus or equipment but not exhausted to electrical appliances, computer products, medical devices and toys which are integrated with communications module for connecting to public communications network or for radiocommunications utilizing the frequency band from up to 420 THz.

2. LIST OF HYBRID PRODUCTS THAT REQUIRES TYPE APPROVAL TO MANUFACTURE, IMPORT OR SELL AND THEIR APPLICABLE COMMUNICATION, SAFETY, SAR STANDARDS AND TARIFF CODES.

- 2.1 The list of affected tariff codes in Annex 3 is meant for reference to descriptions, details and standards applicable to the equipment therein stated and are not exhaustive.

Any other hybrid products which are not listed but are integrated with a communications module for connecting to a public communications network or for radio communications utilizing the frequency band up to 420 THz should obtain Type Approval pursuant to the Communications and Multimedia Act (CMA) 1998, Communication and Multimedia (Technical Standards) Regulations 2000.

- 2.2 The list of Tariff Code listed in Annex 3 shall only serve as a guide for importer. The final Tariff Code shall be decided with the publication of Customs Prohibition of Import (Amendment No. to be decided) 2015 tentatively by October 2015.

The final determination of Tariff Code of the products shall be referred to Royal Malaysia Customs Department, Technical Services Division (Classification, Tariff and Drafting).

For complete process flow of certification process, please refer to Annex 1.

3. TYPE APPROVAL FOR HYBRID PRODUCT

- 3.1 General processes and requirements for certification are defined in Information Package for Type Approval of Communication and Multimedia Product [TAC/DOC/01-2] and Terms and Conditions for Type Approval [TAC/DOC/01-1].

The application for Type Approval shall be made at the online certification website, e-ComM (<https://ecomm.sirim.my>).

- 3.2 Method of Approval :

- a) Module Approval
- b) End Product (Host) Approval
- c) Complete System Approval

3.3 Module Approval

- 3.3.1 Type approval is applied for wireless / wired communication module or interface card only. The module or interface card shall not be able to operate or function without being installed into an end product (host).

Example: WWAN Interface module, WLAN module, Bluetooth module, Facsimile interface card and etc.

- 3.3.2 The applicant shall submit the application for wireless/wired communication module or interface card approval with the followings:
- i. Product Specification for module or interface card;
 - ii. Test report for wireless or telephony features;
 - iii. Fee: according to features as per specified in Schedule of Fees [TAC/DOC/01-3]

The detailed process is as per described in [TAC/DOC/01-2] and is also presented in Annex 1.

3.4 End Product (Host) Approval

- 3.4.1 Type approval is applied for the end product by adding communication interface module or card which has obtained Type Approval with the condition that the Certificate of Conformity (CoC) is valid and belongs to the same certificate holder.

Example: Air Conditioner (with WLAN), Vehicle (with immobilizer, wireless audio system, keyless entry system), Remote Control Toys (RC Car, Unmanned Aerial Vehicle), Medical Imaging System (with WLAN) etc.

- 3.4.2 The Certificate Holder shall submit the application for end product with the addition of module or card approval with the followings:
- i. Brochure with Product Specification for end product;
 - ii. User manual;
 - iii. Brand declaration;
 - iv. Test report for safety, EMC, SAR or radiation hazards whichever applicable;
 - v. Fees: RM 450.00 per application (if not subjected to clause 3.4.3)

Detailed process is as per described in [TAC/DOC/01-2] – Annex

- 3.4.3 Each end product (host) (CoC owned by the same Certificate Holder) shall comply with safety, electromagnetic compatibility (EMC) and Specific Absorption Rate (SAR) or radiation hazards requirement, where applicable according to the latest MCMC Technical Code/Specification and shall be subjected to respective evaluation fees.

Note : MCMC Technical Code is accessible at <http://www.skmm.gov.my/Legal/Register/CMA-Registers.aspx>

3.5 Complete System Approval

3.5.1 a) Type approval is applied for complete system by adding module or end product TAC or combination of both which has obtained Type Approval with the condition that all related Certificate of Conformity (CoC) is valid at all time and belongs to the same or different certificate holder.

b) Type approval is applied for complete system by adding module or end product TAC which has or yet to obtained Type Approval with the condition that all related Certificate of Conformity (CoC) is valid at all time and belongs to the same or different certificate holder.

Example: Vehicle (with immobilizer, wireless audio system, keyless entry system), Medical Imaging System (with WLAN), Audio Video System

3.5.2 The Certificate Holder shall submit the application for end product/complete system with the addition of module or end product or feature approval with the followings:

- i. Brochure with Product Specification for end product/complete system;
- ii. User manual for end product/complete system;
- iii. Brand declaration for end product/complete system;
- iv. Test report for communication, safety, EMC, SAR or radiation hazards whichever applicable;
- v. Authorization Letter from the other Certificate Holder, for cases of different certificate holder;
- vi. Declaration letter from principal of end product to justify the combinations of TAC from the same or different certificate holders are compatible or able to be fitted inside the complete system;
- vii. Fees: RM 450.00 per application (if not subjected to clause 3.5.3) ;
- viii. Additional Fees: RM 300.00 per CoC, for cases of different certificate holder; (if applicable);
- ix. Additional Fees for product with no approval (if applicable): According to features as per specified in Schedule of Fees [TAC/DOC/01-3].

Detailed process is as per described in [TAC/DOC/01-2] – Annex 1

3.5.3 Each complete system approval shall comply with safety, electromagnetic compatibility (EMC) and Specific Absorption Rate (SAR) or radiation hazards requirement, where applicable according to the latest MCMC Technical Code/Specification and shall be subjected to respective evaluation fees.

Note : MCMC Technical Code is accessible at <http://www.skmm.gov.my/Legal/Register/CMA-Registers.aspx>

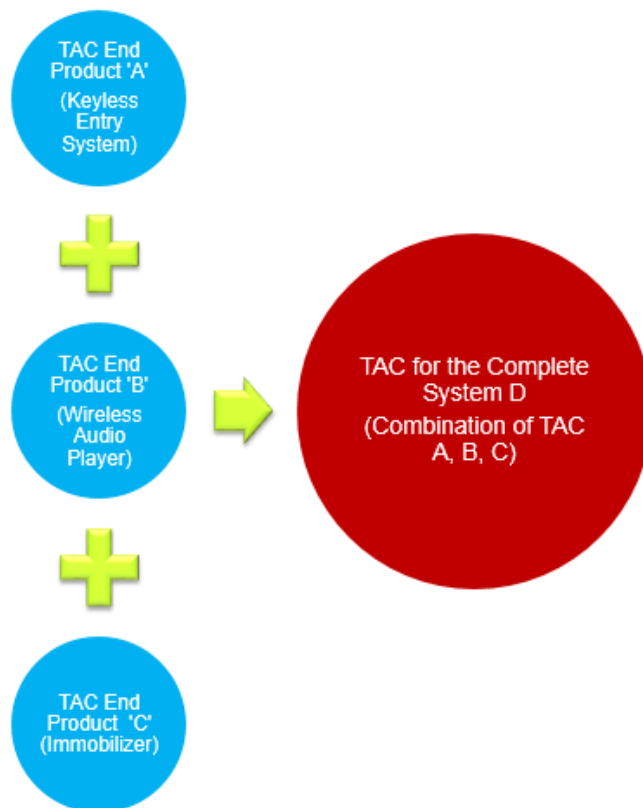
Scheme rules for hybrid product certification is as per illustrated in Annex 4.

4. SCHEME RULES FOR CERTIFICATION OF HYBRID PRODUCT

4.1 Scheme Rule 1

- For this scheme, each feature of a Complete System is Type Approved individually.
- Applicant will obtain individual TAC (owned by the same certificate holder) for each feature.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the individual TACs.

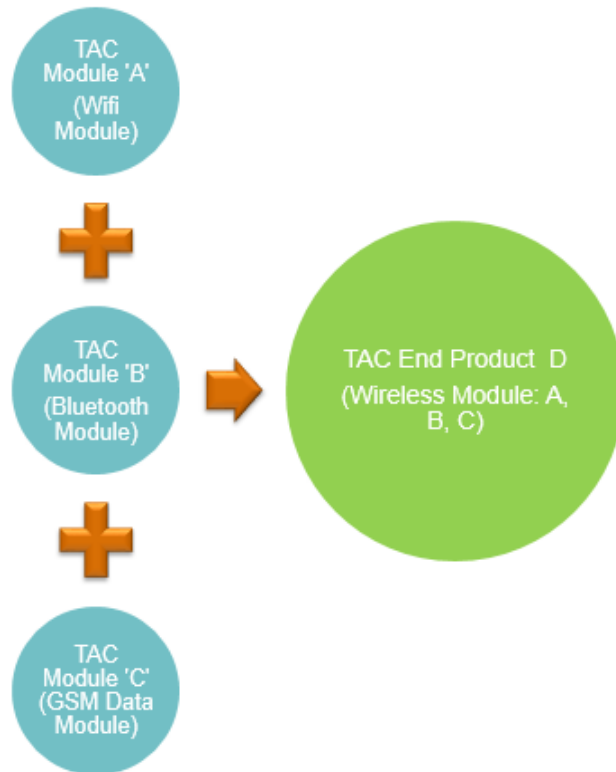
Example of Model Description: Complete System D [Keyless Entry System A][Wireless Audio Player B][Immobilizer C]



4.2 Scheme Rule 2

- For this scheme, each wireless / wired communication module or interface card of a product that is Type Approved based on Module Approval method.
- Applicant will obtain individual TAC (own by the same certificate holder) for each wireless / wired communication module, interface card or feature.
- Then, a subsequent Type Approval application is made under the model name of the End Product, combining all of the individual TACs.

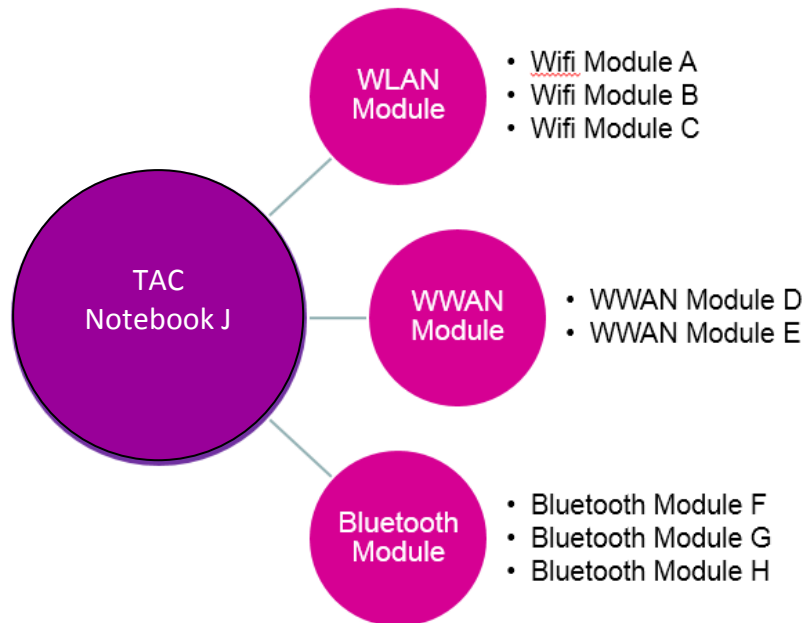
Example of Model Description: End Product D [WLAN Module: A][Bluetooth Module: B]
[GSM Data Module: C]



4.3 Scheme Rule 3

- This scheme is intended for products that uses multiple models of the same function for wireless / wired communication module or interface card
- For this scheme, each wireless / wired communication module or interface card is being Type Approved individually and already obtained individual TAC.
- Then, a subsequent Type Approval application is made under the model name of the End Product, combining all of the individual TACs (own by the same certificate holder).

Model Description: Notebook J[WLAN Module: A, B, C][WWAN Module: D, E][Bluetooth Module: F, G, H]



Note: For tablet certification, this scheme rule shall only be applicable starting from 1st October 2015 onwards and is subjected to design and maturity of the product.

4.4 Scheme Rule 4

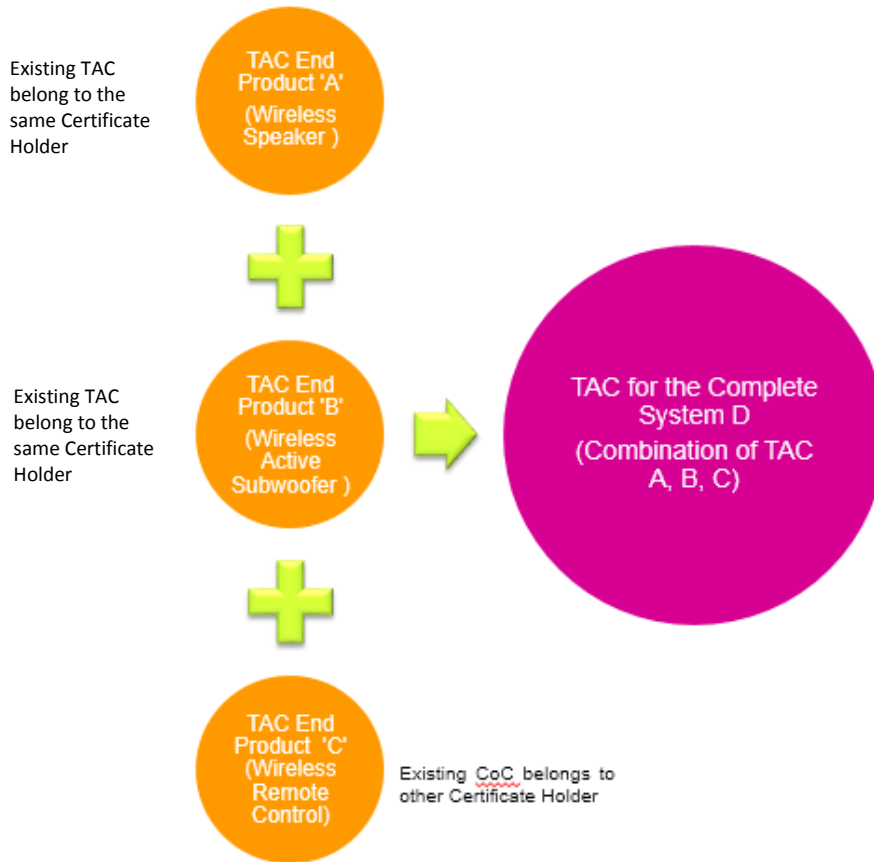
Applicable for DVB-T2 service receiver e.g. Integrated Digital Television (iDTV) and set top box.

- For this scheme, applicant is required to conduct full test of digital receiver feature using the common Malaysian test suite based on its chassis model.
- Then, Type Approval application is made under the specific model name of each End Product.
- Type Approval application may be subjected to Verification Test at SIRIM QAS International laboratory based on the information in Product Declaration document submitted by applicant.

4.5 Scheme Rule 5

- For this scheme, each feature of a Complete System is Type Approved individually.
- Applicant will obtain individual TAC for each feature.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the individual TACs provided all TACs are valid at all time.
- The individual TACs may be a combination of CoC belongs to the same or different Certificate Holders.
- Authorization letter from the owner of the CoC is required, for cases of different Certificate Holders
- Declaration letter from principal of end product is required to justify the combinations of TAC from different certificate holders are compatible or able to be fitted inside the complete system

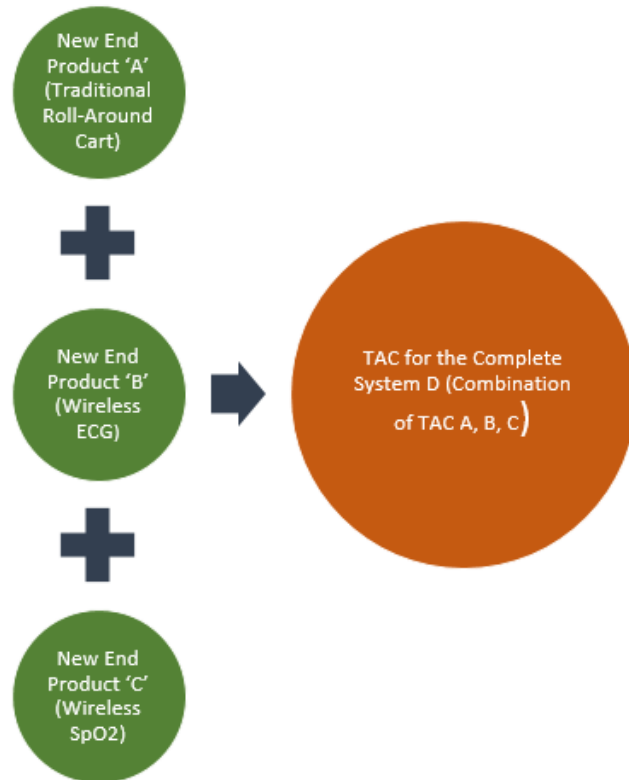
Model Description: Complete System D [Wireless Speaker A][Wireless Active Subwoofer B][Wireless Remote Control C]



4.5 Scheme Rule 6

- For this scheme, each feature of a Complete System may consist combination of end product or module without existing TAC.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the new features.
- Type approval is applied for complete system by combining features that is yet to obtain Type Approval.

Model Description: Complete System D [Traditional Roll-Around Cart A][Wireless ECG B]
[Wireless SpO2 C]



5. SELF LABELLING PROGRAM (SLP)

- 5.1 SLP is a Self-Labeling Program for certified communication products whereby Certificate Holder or Principal self-label their certified products according to MCMC's Guideline on Certification Mark for Self-Labeling (SL) and SIRIM QAS International procedures.

SL consists of certification mark that carry information of the certified product and shall be associated with certificate holder, manufacturer and principal, which are the same with the ones submitted for Type Approval.

- 5.2 All certified communication and multimedia products shall bear certification mark.
- 5.3 Please refer to MCMC's Guideline on Certification Mark for Self-Labeling (SL) and SIRIM QAS International procedures for more information on Self-Labeling program.

The design of the Certification Mark or Label to be used under Self Labeling Program (SLP) can be referred to in Annex 6.

- 5.4 SL for hybrid product is allowed to be affixed on the end product or system based on type approval certificate. Registration of product serial number or IMEI number shall be based on the end product or system, whichever applicable.

6. IMPORTATION PROCESS FOR HYBRID PRODUCT

- 6.1 An import permit is a mandatory requirement for importing communications equipment into Malaysia under The Customs (Prohibition of Imports) Order 2012. It is applicable to a supplier or individual who imports communications equipment either as a complete set, parts and/or accessories either for local sales or manufacturing or assembling or repairing or personal use.
- 6.2 SIRIM QAS International was appointed by the Royal Customs of Malaysia on 12 April 1999 to manage the processing and approval of import permit for communications equipment. The issuance of import permit is subject to compliance with the Type Approval or Special Approval specified by MCMC.
- 6.3 The import permit for hybrid product shall be accompanied with a certificate of approval(CoA) issued by SIRIM as Cross Border Regulatory Agency (CBRA) and other relevant CBRA's and shall comply with certification requirement in accordance to any other relevant act or regulations, its subsidiary legislations, statutory requirements and established rule and procedures.

Example :

Tariff Code for SIRIM: 8517.62.530


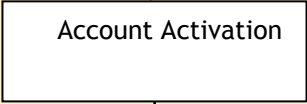
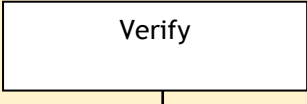
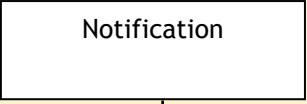
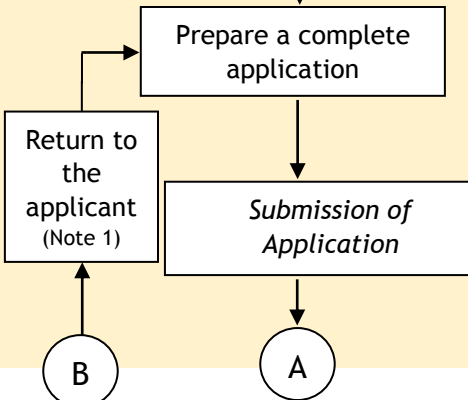
Tariff Code for Other Agency: 8528.73.000

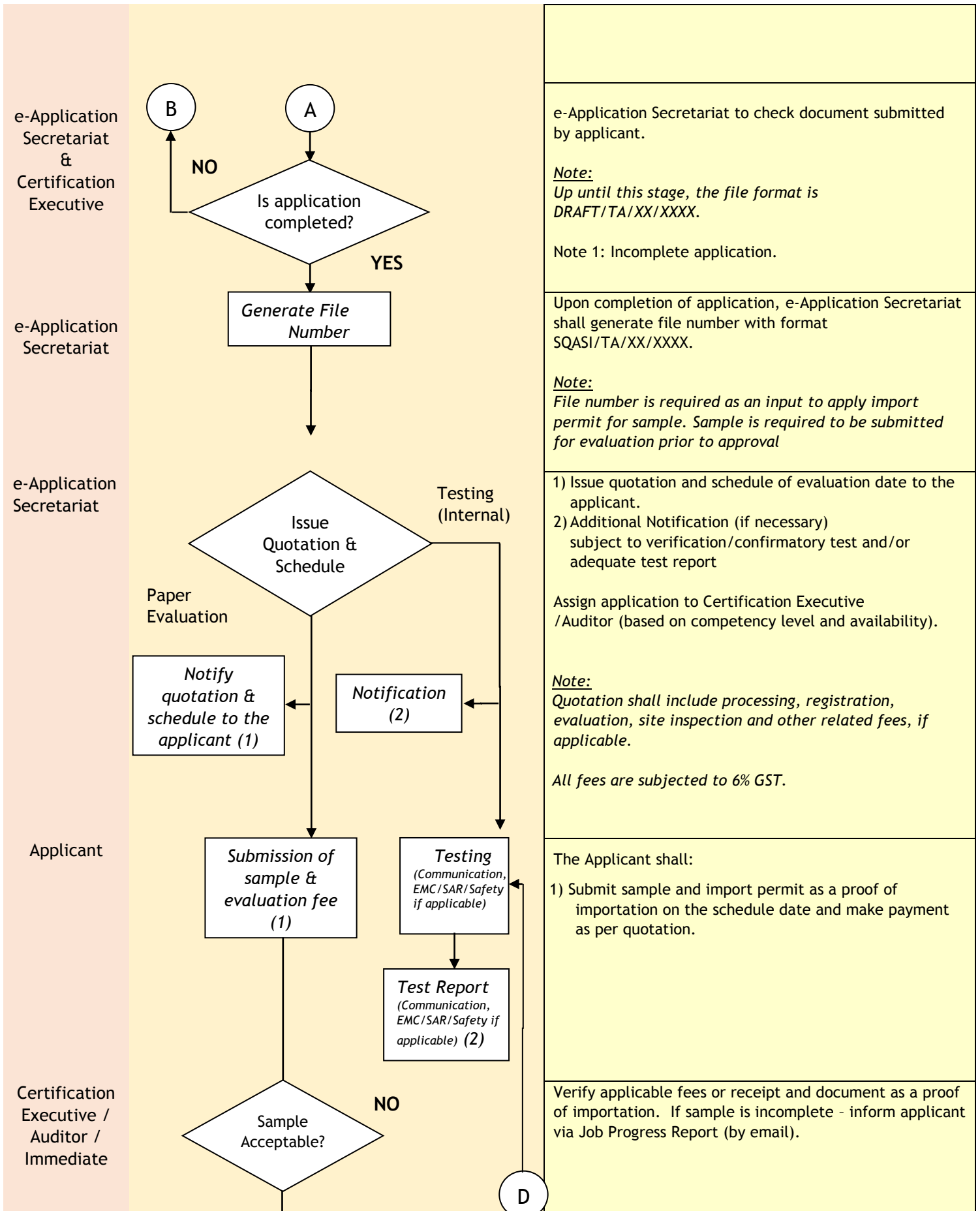
- 6.4 Import permit application is made through e-Permit system. e-Permit is a web-based permit application system and is accessible at <http://epermit.dagangnet.com> .
- 6.5 Import Permit Fees

NO.	DESCRIPTION	FEES
1.	Registration Fee for E-Permit System (one time)	RM 100.00
2.	Stamp Duty Fee (one time)	RM 10.00
3.	Application Fee per approved e-permit (for Registered E-Permit User)	RM 20.00
4.	Application Fee per e-permit (for Non-registered E-Permit User (Walk-in Customer)	RM 25.00
5.	Admin Fee per e-permit (for Non-Registered E-Permit User) Note: Subsequent e-permit will be charged RM 5.00 for maximum 10 e-permits.	RM 10.00

The fees, sum or charges under this contract are exclusive of Malaysian sales tax, service tax and/or any other taxes that may be introduced by the Government of Malaysia from time to time, including the Goods and Services Tax (GST).

APPLICATION PROCESS FOR TYPE APPROVAL OF COMMUNICATION AND MULTIMEDIA PRODUCT VIA eComM (FOR CUSTOMER)

PIC / TIME FRAME	PROCESS	REMARK
Applicant		<p>Visit https://ecom.sirim.my for registration and application.</p> <p>Information Package, Terms and Conditions and certification fees for type approval are available at www.sirim-qas.com.my</p>
Applicant		<p>Applicant shall register at https://ecom.sirim.my to obtain the username and password.</p> <p>Information and documents required:</p> <ul style="list-style-type: none"> a) ROC/ROB b) Management Representative (MR) contact details c) Address of Company d) Complete Authentication Form.
Applicant		<p>Applicant (MR) will receive automatic email notification. Copy the activation link and paste to Internet Browser to activate the account.</p>
eComM Secretariat		<p>Information and document verification by eComM Secretariat.</p>
Applicant		<p>eComM will generate an email containing company's username and password. The email is sent to the registered Management Representative's e-mail.</p>
Applicant		<p>Applicant shall key-in the information and attach document required under the following tabs in eComM:</p> <ul style="list-style-type: none"> 1) Type Approval Application tab; 2) Product tab; 3) Principal & Manufacturer tab; 4) Document tab - Documents required are based on Application Category (color brochures, user manual, product specification, technical manual, test report); 5) Quotation tab; 6) Brand Declaration tab; 7) Declaration tab;



e-Application Secretariat to check document submitted by applicant.

Note:
Up until this stage, the file format is DRAFT/TA/XX/XXXX.

Note 1: Incomplete application.

Upon completion of application, e-Application Secretariat shall generate file number with format SQASI/TA/XX/XXXX.

Note:
File number is required as an input to apply import permit for sample. Sample is required to be submitted for evaluation prior to approval

- 1) Issue quotation and schedule of evaluation date to the applicant.
- 2) Additional Notification (if necessary) subject to verification/confirmatory test and/or adequate test report

Assign application to Certification Executive / Auditor (based on competency level and availability).

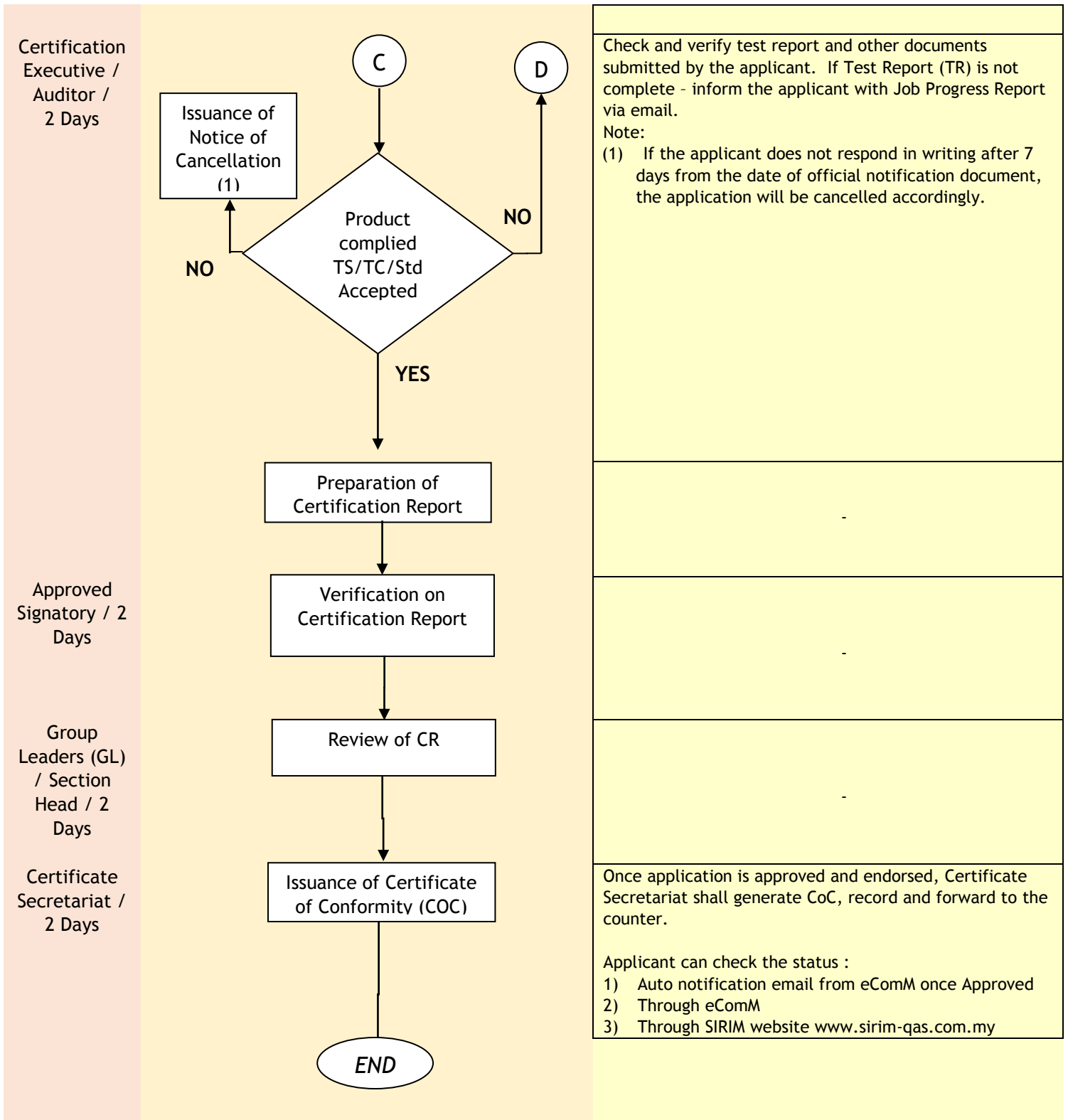
Note:
Quotation shall include processing, registration, evaluation, site inspection and other related fees, if applicable.

All fees are subjected to 6% GST.

The Applicant shall:


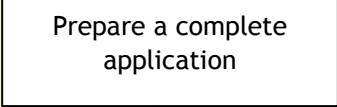
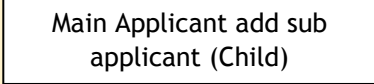
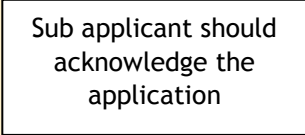
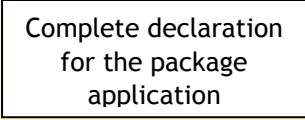
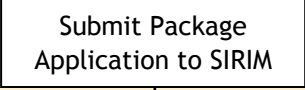

- 1) Submit sample and import permit as a proof of importation on the schedule date and make payment as per quotation.

Verify applicable fees or receipt and document as a proof of importation. If sample is incomplete - inform applicant via Job Progress Report (by email).

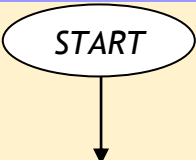
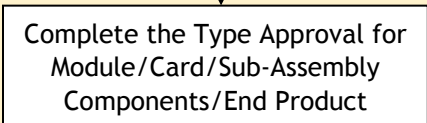
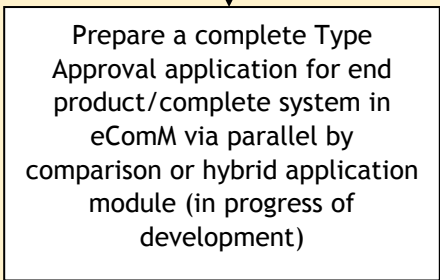
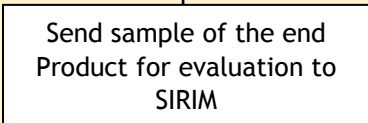



Note *:

- 1) For Parallel Application, the applicant shall key-in valid Type Approval Code (TAC) of the Mother application. Additional requirements may be imposed based on latest procedures.
- 2) For Package Application, the applicant shall select main applicant and sub applicant. The detailed process for Package Application is as below.

PIC / TIME FRAME	PROCESS	REMARK
		
Applicant/ Immediate		Supporting document (official letter) is required to denote who is the main applicant.
Main Applicant/ Immediate		
Sub Applicant		
Main Applicant		
		
		

GENERAL PROCESS FLOW FOR HYBRID PRODUCT CERTIFICATION

PIC / TIME FRAME	PROCESS	REMARK
		
Applicant/ Immediate		TAC of the intended module to be added to the end product certification has to be valid.
Applicant/ Immediate		Applicant shall key-in the information and attach documents required under the following tabs in eComM: <ol style="list-style-type: none"> 1) Type Approval Application tab; 2) Product tab; 3) Principal & Manufacturer tab; 4) Document tab - Documents required are based on Application Category (color brochures, user manual, product specification, technical manual, test report); 5) Quotation tab; 6) Brand Declaration tab;
		
		

**LIST OF AFFECTED TARIFF CODES BY THE AMENDMENT TO PROHIBITION OF IMPORTS
ORDER (Amendment No. to be determined) 2015**

Product Type of Category	Description of Goods	Details of Product	Tariff Code	Standard		
				COMMUNICATIONS	EMC	SAFETY
ELECTRICALS						
1. Air conditioner with a communications module	An electrical assembly which: <ul style="list-style-type: none"> provide delivery of conditioned air to an enclosed space, room or zone, including an electrically operated refrigeration system for cooling and possibly dehumidifying the air. 	Split Air-conditioner	8415.10 000	MCMC MTSFB TC T007:2014	**	Please refer to ST Booklet
		Portable Air-conditioner				
		Ceiling Air-conditioner				
2. Wireless switch and dimmer	An electrical device which: <ul style="list-style-type: none"> is an air –break switch; is for connection to the wiring of an electric installation; is primarily for mounting on a vertical surface; is manually opened and manually closed; and has a rating not exceeding 63A. 	General purpose switch	8536.50 200, 8536.50 910, 8536.50 940, 8536.50 990, 8537.10	MCMC MTSFB TC T007:2014	**	Please refer to ST Booklet
		Door Bell and Chime				
		Electronic switch				
		Remote-control switch				
		Time delay switch				
		Cooker control unit				
3. Socket outlet combined with RJ 11 telecommunication port	An electrical device which: <ul style="list-style-type: none"> is for fixing at a point at which fixed wiring terminates; provides a detachable connection with the pins of a plug; has two, or three contacts; and has a maximum rating of 15 A. with switch and without switch socket outlet. 	Electric shaver Socket outlet	8536.69 100, 8536.69 900,	MCMC MTSFB TC T007:2014 CETS-T/SPC/009	**	Please refer to ST Booklet
		13A switch & unswitch socket outlet				
		15A socket outlet & Plug				
		Portable 2 pin socket outlet Class II				
4. Refrigerator with a communications module	An electrical appliance which: <ul style="list-style-type: none"> is a household type; and cools and stores food but does not include; a type, promoted exclusively to industry/ commercial 	Electric Refrigerator	8418.10, 8418.21, 8418.29	MCMC MTSFB TC T007:2014	**	Please refer to ST Booklet
		Electric Freezer				
		Electric Minibar				
5. Fan of all kind including bladeless fan with a communications module	An electrical appliance which: <ul style="list-style-type: none"> is a household type; has a primary function of moving air in its 	Electric moving-louver fan & regulator	8414.51, 8414.59	MCMC MTSFB TC T007:2014	**	Please refer to ST Booklet
		Electric ceiling fan & regulator				

	<ul style="list-style-type: none"> vicinity; and is self-contained 	<p>Electric auto fan & regulator</p> <p>Electric pedestal fan & regulator</p> <p>Electric table fan & regulator</p> <p>Electric wall fan & regulator</p> <p>Electric ventilating fan & regulator</p> <p>Electric range hood</p> <p>Air purifier</p> <p>Electric Air Cooler</p>				
6. Coffee/Tea maker with a communications module	<p>An electrical appliance which:</p> <ul style="list-style-type: none"> is a household type; its portable; 	Coffee/Tea maker	8516.71 000	MCMC MTSFB TC T007:2014 SKMM WTS GSM-MT SKMM WTS IMT-MT	EN 301 489-1	Please refer to ST Booklet
7. Audio and video player unit including VCD, laser disc, video cassette recorder and DVD with a communications module	<p>An electrical device which:</p> <ul style="list-style-type: none"> is household type; is video recording and playback or for playback only, connected to the supply mains either directly or indirectly and intended for domestic and similar general indoor use. 	<p>VCD Player</p> <p>Laser Disc Player</p> <p>Video Cassette Recorder/Player</p> <p>DVD Player</p> <p>Video Rewinder</p> <p>Children Video Game</p>	8521.10 000, 8521.90 000	MCMC MTSFB TC T007	**	Please refer to ST Booklet
8. Hi-fidelity (Hi-Fi) set with a communications module	<p>An electrical device which:</p> <ul style="list-style-type: none"> is a household type; is reproduction of sound, with little distortion connected to the supply mains as the only energy source intended for domestic and similar general indoor use with a rated supply voltage not exceeding 250volts rms rated supply voltage not exceeding 250 volts rms. 	<p>Sub-woofer</p> <p>Amplifier</p> <p>Cassette player</p> <p>Equalizer/Mixer</p> <p>Hi-Fi System</p> <p>Karaoke</p> <p>PA System</p> <p>Portable Hi-Fi System</p> <p>Portable Radio Cassette Player/Recorder</p> <p>Radio</p> <p>Radio Alarm</p> <p>Tuner/Receiver</p> <p>Turn tables/Record Players</p> <p>Compact Disc Player</p>	8519.30 000	MCMC MTSFB TC T007	**	Please refer to ST Booklet

9. Wireless video or visual display unit	An electrical appliance which <ul style="list-style-type: none"> is household type; is video recording and playback or for playback only, connected to the supply mains either directly or indirectly and intended for domestic and similar general indoor use. 		8528.51 000, 8528.59 000	MCMC MTSFB TC T007	**	Please refer to ST Booklet
10. Massager with a communications module	An electrical appliance which: <ul style="list-style-type: none"> device provides a relaxing massage, targets pain, is flexible, soft, and has adjustable intensity. 	Massager	9019.10 000	MCMC MTSFB TC T007	**	Please refer to ST Booklet
11. Robotic vacuum cleaner with a communications module	An electrical appliance which: <ul style="list-style-type: none"> is a household type; is portable; and removes dust, dirt or moisture and the like from floor coverings by suction; or removes garden and refuse from lawns or paths and the like by suction; but does not include; a type promoted exclusively to industry/ commercial 	Carpet cleaner Vacuum Cleaner & Accessory	8508.11 000	MCMC MTSFB TC T007	**	Please refer to ST Booklet
ICT						
1. Personal computer including laptop, notebook, tablet and desktop presented either in the form of a complete system or as a separate unit, with a communications module			8471.30 000, 8471.41 000, 8471.49 000, 8471.50 000, 8471.60 000, 8471.80 100, 8471.80 200, 8471.80 900, 8471.90 100, 8471.90 200, 8471.90 900	MCMC MTSFB TC T007 SKMM WTS GSM-MT SKMM WTS IMT-MT	EN 301489-1 EN 301489-7	Please refer to EN 60950-1
iDTV						
1. Television (Smart TV and Digital TV)	An electrical appliance which: <ul style="list-style-type: none"> is for household use; is for the display of public or subscription television broadcasts. 	Television INTEGRATED DIGITAL TELEVISION (DVB-T2)	8528.72 100	MCMC MTSFB TC T007 SKMM MTSFB TC T004 MCMC MTSFB TC T011	** EN 55013 CISPR 13	Please refer to ST Booklet Please refer to ST Booklet
TOYS						
1. Remote controlled toys	A device which: <ul style="list-style-type: none"> operate the device wirelessly from a short distance. 	Remote controller	9503.00	MCMC MTSFB TC T007	**	Please refer to ST Booklet

	<ul style="list-style-type: none"> allow operation of devices that are out of convenient reach for direct operation of controls. 					
2.Video game player with a communications module	A device which: <ul style="list-style-type: none"> players control images on a television or computer screen that contains communications module. 	Video game consoles Portable consoles	9504.50 000, 9504.90 200	MCMC MTSFB TC T007	**	Please refer to ST Booklet
MEDICAL						
1. Wireless heart rate sensor or stress test system	A device which: <ul style="list-style-type: none"> designed to monitor/measure heart rate/stress. 	Heart rate sensor	9018.11 000, 9018.90 900	MCMC MTSFB TC T007	**	**
2. Wireless digital blood pressure monitor.	A device which: <ul style="list-style-type: none"> designed to monitor blood pressure. 	Blood pressure monitor	9018.19 900	MCMC MTSFB TC T007	**	**
3. Wireless active implantable medical device	A device which: <ul style="list-style-type: none"> automatic wireless remote monitoring and early detection of clinical and device-related events. 	Active medical implant	9021.50 000	MCMC MTSFB TC T007	**	**
4. Wireless medical device	A device which: <ul style="list-style-type: none"> designed to serve as a Point of Care (POC) and Point of Information terminal (POI) within healthcare applications and contains a communications module. 	Wireless medical device	9018.12 000, 9018.13 000, 9018.14 000, 9018.19 100, 9018.19 900, 9022.12 000, 9022.13 000, 9022.14 000, 9022.19 000	MCMC MTSFB TC T007	**	**
OTHERS						
1. Wireless charger including portable battery charger and wireless adapter	An electrical appliance which: <ul style="list-style-type: none"> device that transmits electric energy (charging) through magnetic (radio) waves. 	Wireless charger Wireless adapter Portable battery charger	8504.40 900	MCMC MTSFB TC T007	**	**
2. Digital camera and video recorder, television camera, with a communications module	A device which: <ul style="list-style-type: none"> encodes digital images and videos digitally and stores them for later reproduction with communications module. 	Digital camera Video recorder	8525.80 100, 8525.80 900	MCMC MTSFB TC T007	**	Please refer to ST Booklet
3. Wireless projector	An electrical appliance which: <ul style="list-style-type: none"> its portable; the content of 	Projector	8528.61 000, 8525.69 000	MCMC MTSFB TC T007	**	**

	the computer/ smartphone can be sent to the projector for projection.					
4. Smart watch with a communications module	A device which: <ul style="list-style-type: none"> computerized wristwatch with functionality that is enhanced beyond timekeeping. 	Smartwatch	9101.19 000, 9102.12 000	MCMC MTSFB TC T007	**	**
5. Wireless spectacles	A device which: <ul style="list-style-type: none"> contains communication module such as Bluetooth/ WLAN module. 	Spectacle	9004.90 900	MCMC MTSFB TC T007	**	**
6. Wireless microphone	A device which: <ul style="list-style-type: none"> without a physical cable connecting it directly to the sound recording or amplifying equipment with which it is associated. 	Microphone	8518.10 000	MCMC MTSFB TC T007	**	**
7. Wireless speaker	A device which: <ul style="list-style-type: none"> receive audio signals using radio frequency (RF) waves rather than over audio cables. 	Speaker Subwoofer Sound bar	8518.21 000, 8518.22 000, 8518.29 000	MCMC MTSFB TC T007	**	**
8. Wireless headphone and earphone	A device which: <ul style="list-style-type: none"> receive audio signals using radio frequency (RF) waves rather than over audio cables. 	Headphone Earphone	8517.62 590	MCMC MTSFB TC T007	**	**
9. Wireless personal weighing scale	A device which: <ul style="list-style-type: none"> measure both weight and fat mass and upload the data to the company's site over Wi-Fi. 	Weighing scale	8423.10 000	MCMC MTSFB TC T007	**	**

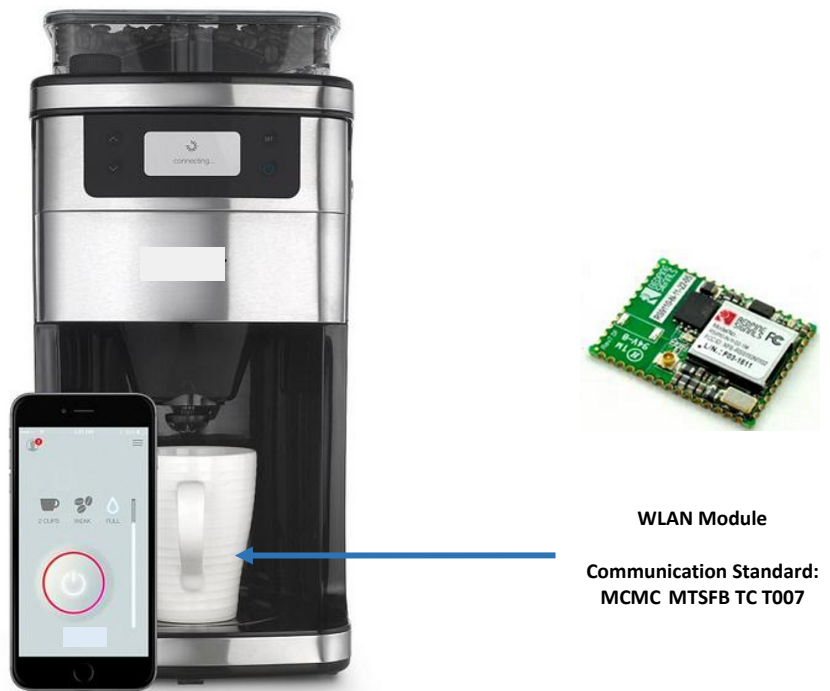
**** The list of Standards listed shall only serve as a guide for importer and is not exhaustive. The list shall be updated from time to time without prior notice. The final Standards for Communication, EMC, Safety, and Specific Absorption Rate (SAR) shall be subjected to the requirement of MCMC Technical Codes, Standards for ST Regulated items shall be referred to ST Booklet, Standards for medical product shall be referred to Medical Devices Authority (MDA) and Standards for toys shall be referred to Ministry of Domestic Trade, Co-operatives and Consumerism (MDTCC).**

Example of Applicable Standards for Hybrid Product:

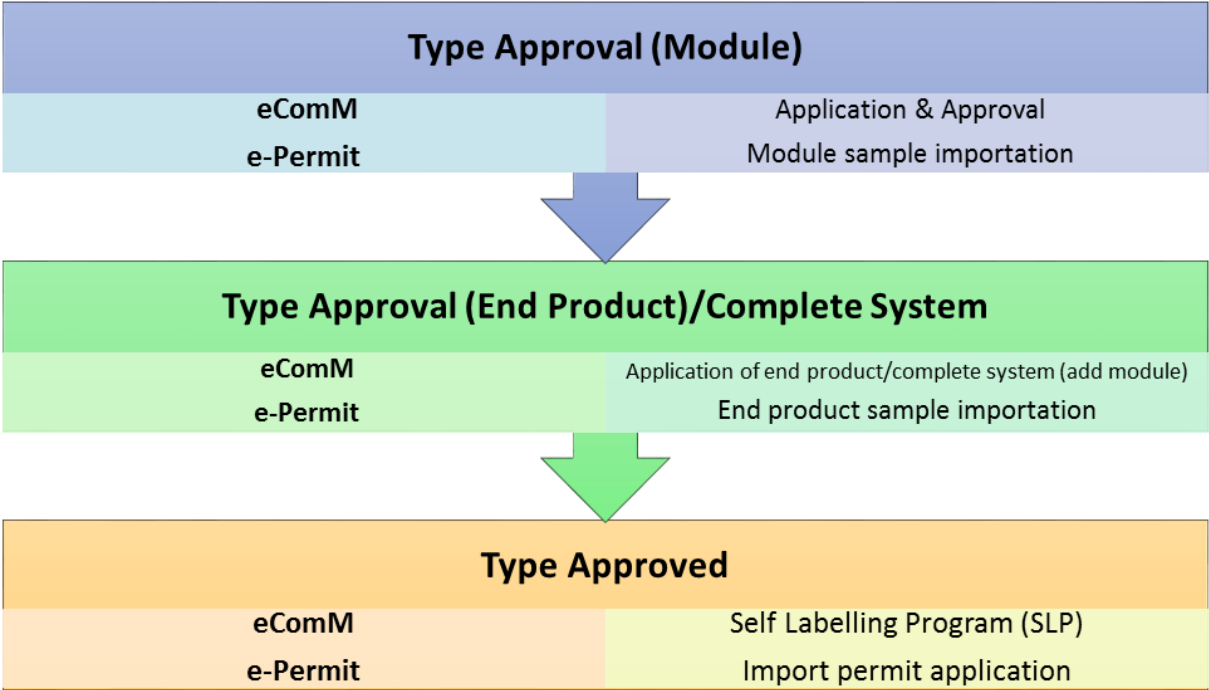
1- Notebook with communication modules



2- Coffee maker support WLAN



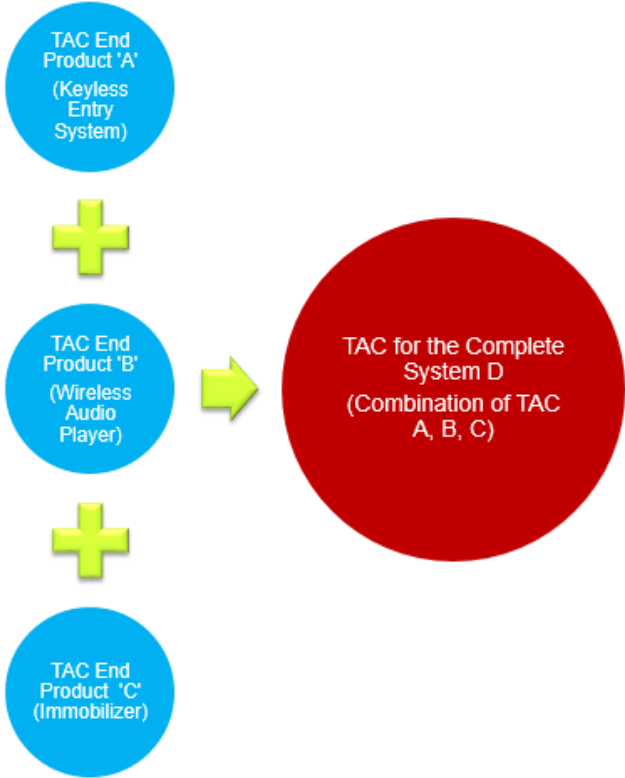
GENERAL SCHEME RULES FOR HYBRID PRODUCT CERTIFICATION



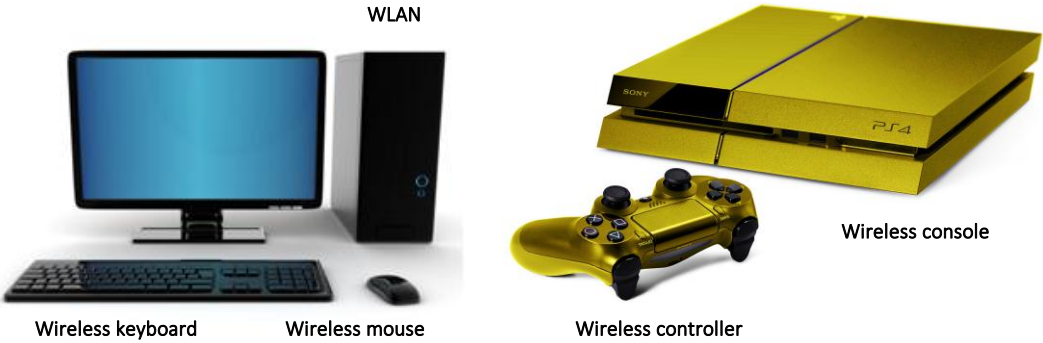
EXAMPLE OF PRODUCTS FOR SCHEME RULE

1. SCHEME RULE 1

Model Description: Complete System D [Keyless Entry System A][Wireless Audio Player B] [Immobilizer C]



Examples:





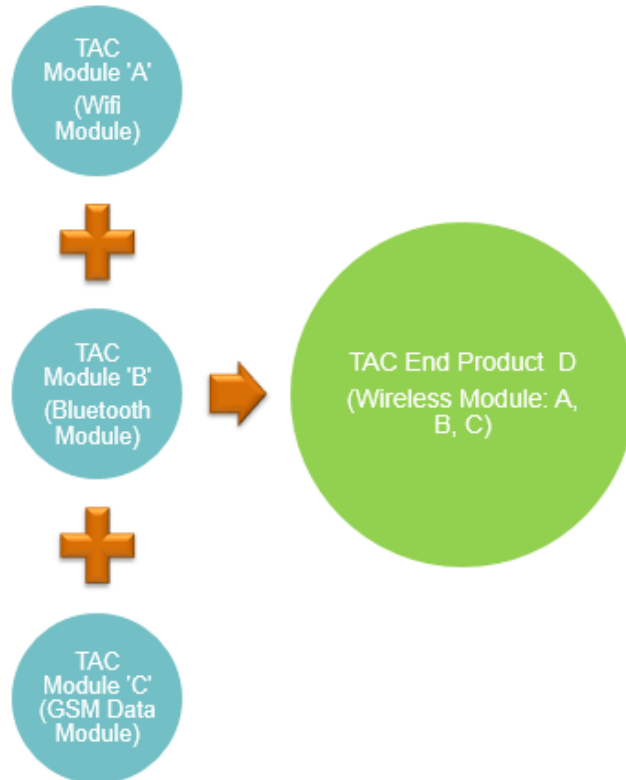
Keyless entry system / Immobilizer



Wireless audio system (support Bluetooth)

2. SCHEME RULE 2

Model Description: End Product D [WLAN Module: A][Bluetooth Module: B][GSM Data Module: C]



Examples:



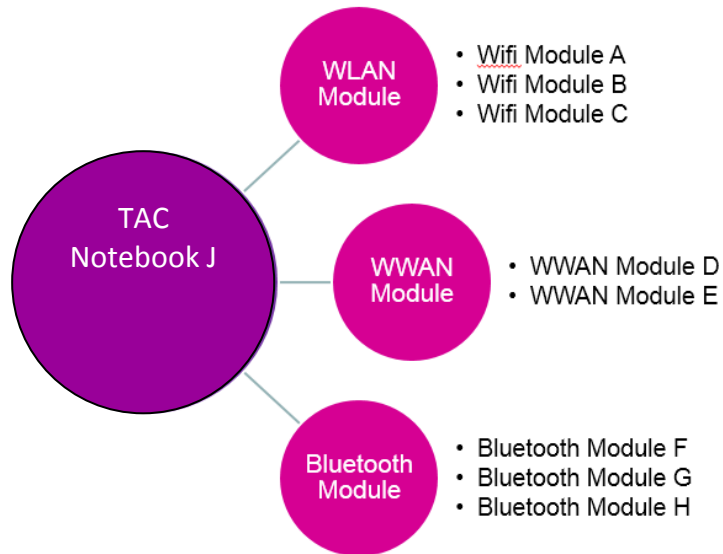
Air Conditioner (Support WLAN / Bluetooth)



Portable X-Ray Machine (Support WLAN / Bluetooth)

SCHEME RULE 3

Model Description: Notebook J [WLAN Module: A, B, C][WWAN Module: D, E]
[Bluetooth Module: F, G, H]



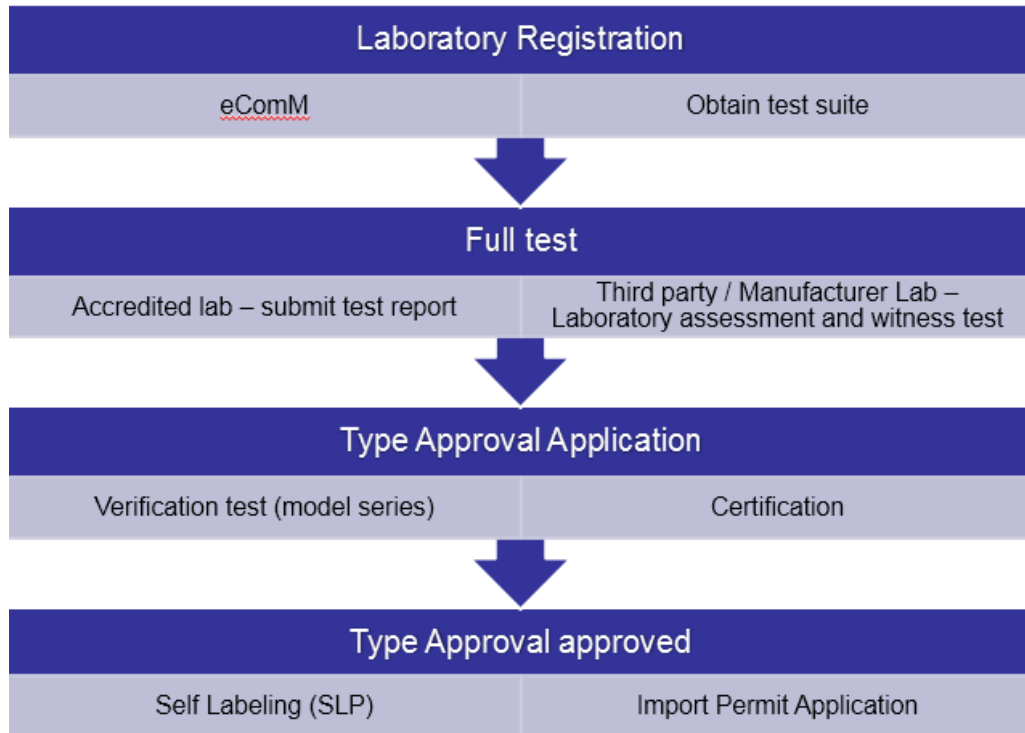
Examples:



Note: For tablet certification, this scheme rule shall only be applicable starting from 1st October 2015 onwards and is subjected to design and maturity of the product.

3. SCHEME RULE 4

Applicable for DVB-T2 service receiver e.g. Integrated Digital Television (iDTV) and set top box.
General process:



Example:



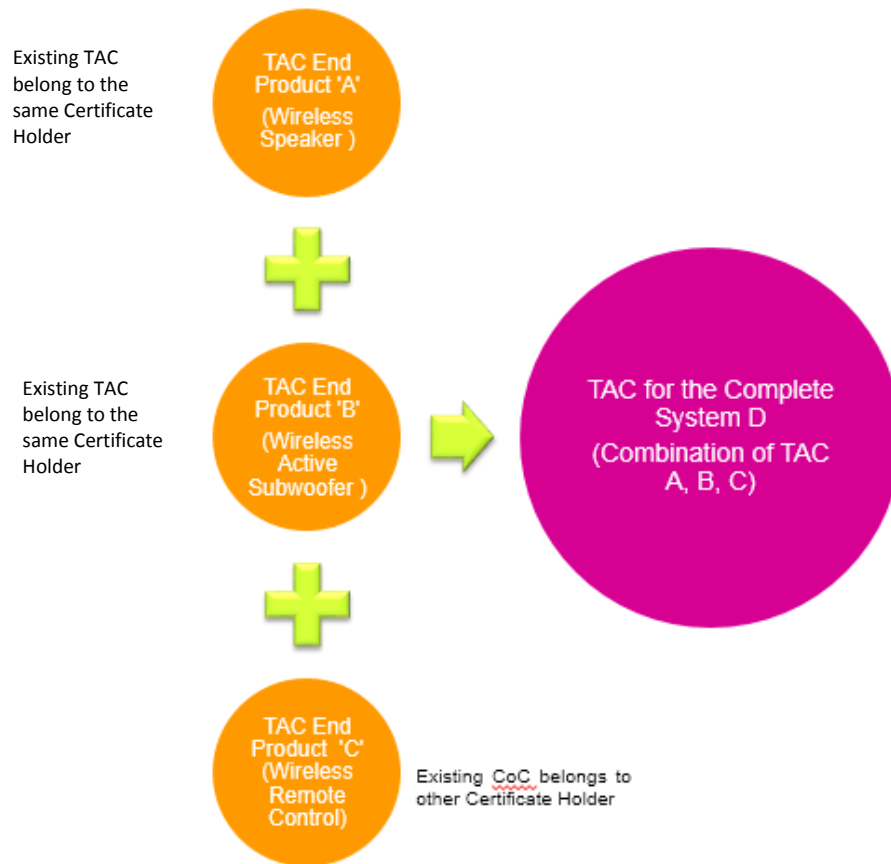
iDTV



Set top Box DVB-T2

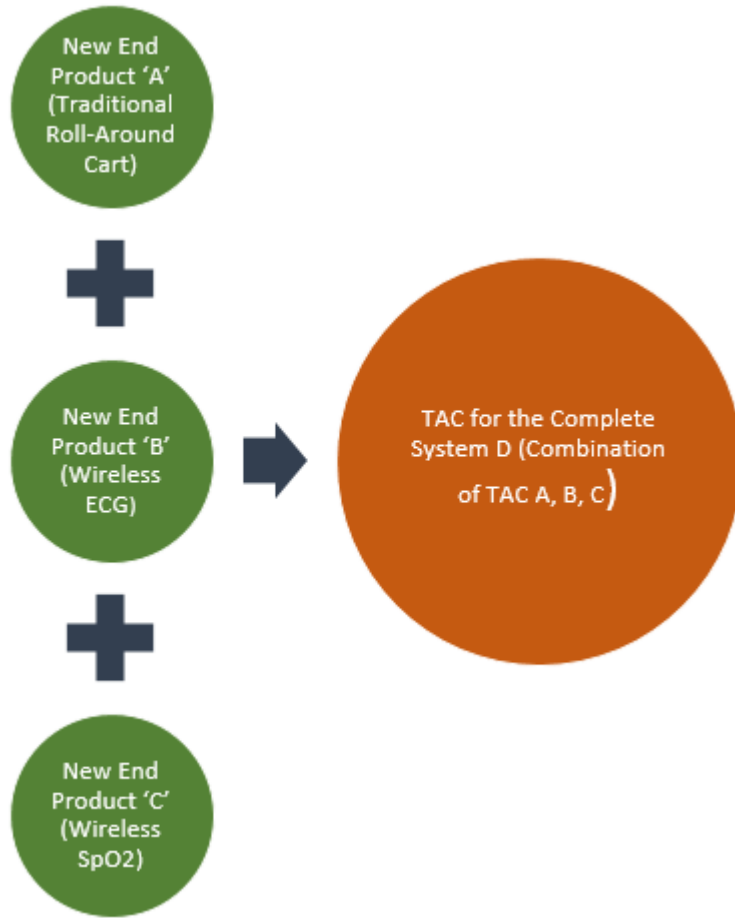
SCHEME RULE 5

Model Description: Complete System D [Wireless Speaker A][Wireless Active Subwoofer B][Wireless Remote Control C]

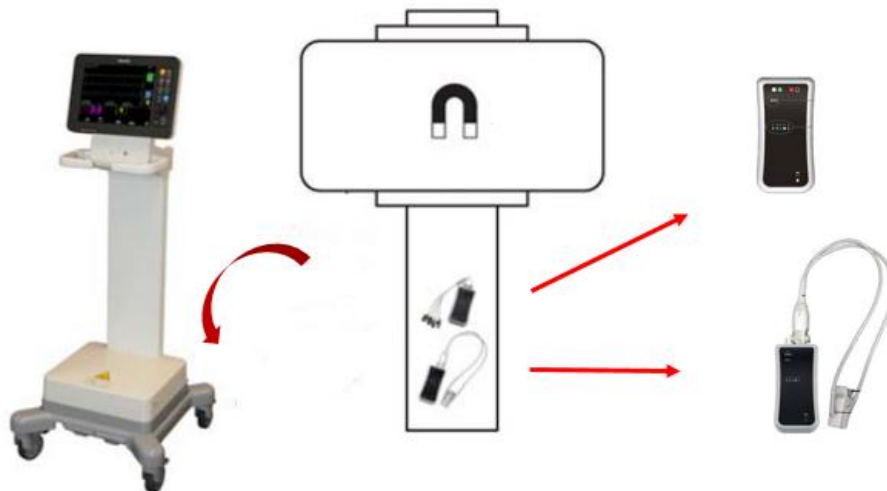


4. SCHEME RULE 6

Model Description: Complete System D [Wireless Traditional Roll Cart A][Wireless ECG B][Wireless SpO2 C]

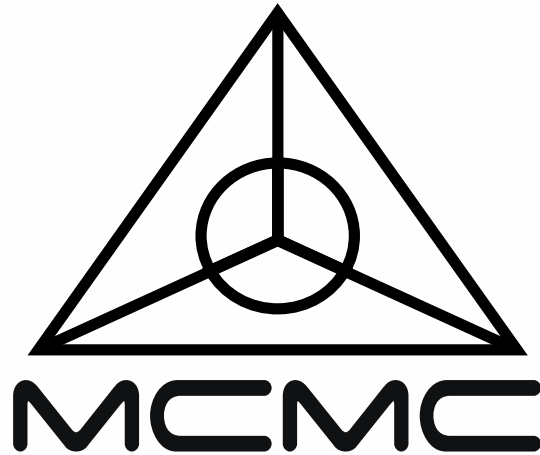


Example:



ANNEX 6

CERTIFICATION MARK AND EXAMPLES OF SLP



HIDF15345678

HID : Certificate Holder ID
F : Foreign Manufacturer
15 : Year 2015
345678 : Running Number

Or,

HIDM15345678

HID : Certificate Holder ID
M : Local Manufacturer
15 : Year 2015
345678 : Running Number

Or,

CIDF15345678

CID : Principal ID/Common ID
F : Foreign Manufacturer
15 : Year 2015
345678 : Running Number

Or,

CIDM15345678

CID : Principal ID/Common ID
M : Local Manufacturer
15 : Year 2015
345678 : Running Number