



भारत सरकार  
दूरसंचार विभाग  
दूरसंचार अभियांत्रिकी केंद्र  
Government of India  
Department of Telecommunications  
Telecommunication Engineering Centre  
K.L. Bhawan, Janpath, New Delhi- 110001



No. 4-6/2021-IT/TEC/CAS-SMS-TSTP

Date: 07-06-2023

**Subject: Certification procedure for certification of Conditional Access System (CAS) and Subscriber Management System (SMS) - reg.**

Telecom Regulatory Authority of India (TRAI) has notified “The Telecommunication (Broadcasting and Cable) Services Interconnection (Addressable Systems) (Third Amendment) Regulations, 2021” on 11-06-2021. These Regulations specify the mandatory as well as the desirable requirements of CAS and SMS (Schedule-IX).

2. TRAI further designated Telecommunication Engineering Centre (TEC) DoT as the Testing and Certification Agency for CAS and SMS used for Broadcasting and Cable TV services as per order dated 21-09-2021. Accordingly, TEC has also issued the Test Guides [TEC 57015:2022 and TEC 57025:2022] for evaluating requirements of CAS and SMS as specified in Schedule-IX of TRAI Notification dated 11-06-2021. TEC may issue a certificate after evaluating the test reports of the testing lab designated by TEC for testing of CAS/SMS.

3. Now, following instructions are hereby issued as “Certification procedure for certification of Conditional Access System (CAS) and Subscriber Management System (SMS)”;

- (i) Name of Certificate shall be known as “**Approval Certificate for CAS/SMS**”.
- (ii) The validity of this TEC certificate shall be valid for 3 years from the date of issue, or any updation in the offered CAS/SMS, whichever is earlier.
- (iii) Any applicant meeting the below eligibility conditions may apply for certification;
  - a. Any Indian OEM who is manufacturing the product in India either itself or through contract manufacturing in part or in full under whose brand name the product is being sold or is proposed to be sold.
  - b. Any Authorised Indian Representative (AIR) / channel partner/branch office of a foreign OEM which is authorized by the foreign OEM to trade as well as to apply to TEC for certification of the product manufactured outside India, herein after referred to as ‘Trader’.
  - c. C-DoT or any Government Organization/Research Organisation/MSME/Start-ups
  - d. Any DTH Operator or Multi-Service Operator for the CAS/SMS deployed in their network
- (iv) Applicant, after getting the CAS/SMS tested from a designated lab, has to fill the ‘**Form-1**’ (enclosed here at Annexure-1) and submit the application along with all

the required documents mentioned in the form, receipt of Administrative fees and Test Report issued by TEC's Designated Labs to the Regional Telecom Engineering Centre (North), Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001. Applicant has to submit separate application for each Model of CAS/SMS for certification.

- (v) Administrative fees for each application of certification shall be Rs. 10,000/- in case of Indian OEM or Traders. This shall be deposited by online payment through Non-Tax Revenue Portal (NTRP) of Government of India (<https://bharatkosh.gov.in/>). There will be no fees for C-DoT/Government Organisation/Research Organisation/MSME/Start-ups as per instruction issued from time to time.
- (vi) The application submitted as above shall be registered and scrutinized by the RTEC NR to check submission of requisite documents. During scrutiny, if any shortcoming(s)/ deficiencies are noticed, the applicant shall be informed accordingly to resubmit the same within 15 days after taking corrective action.
- (vii) After scrutiny of RTEC NR and found the application ok, then the case will be forwarded to concerned core division (i.e. C&B) for evaluation of test reports issued by the designated lab.
- (viii) Concerned Core Division will check the test reports as per TEC Test Guide and TRAI mandate. After evaluation, the case alongwith the report/comments will be sent back to RTEC NR for further process.
- (ix) RTEC NR will prepare the Activity Report & Draft Certificate in the prescribed format (enclosed here at Annexure-3 & 4) and will submit to the head of RTEC for review and approval.
- (x) The approved draft Certificate shall be sent to RC unit of TEC-HQ and the certificate will be issued by Director(RC), TEC-HQ or any other officer designated for the purpose. The RC unit may seek any clarifications/corrections in the ARDC from the concerned core division or RTEC NR, if required.
- (xi) The information regarding the certificate so issued shall be put on the TEC website.

4. Above certification procedure for CAS and SMS will continue to be valid till the provisioning of online process by TEC.

5. If, any situation arises for clarification or any point not covered above, the TEC "CERTIFICATION PROCEDURE No. TEC 05019:2021" shall be referred.

6. This is issued with the approval of the competent authority.



(Harsh Sharma)  
Director(C&B), TEC New Delhi  
Email: [dircb2.tec-dot@gov.in](mailto:dircb2.tec-dot@gov.in)

To,

1. All Stakeholders

Copy for kind information to-

1. PPS to Sr. DDG TEC, New Delhi
2. All DDGs of TEC/RTECs

**DEPARTMENT OF TELECOMMUNICATIONS**  
**TELECOMMUNICATION ENGINEERING CENTRE**  
**RTEC <Delhi/Kolkata/Mumbai/Bengaluru>**  
**Application for Product Certification**

Form-1

**A. Details of the applicant**

Registered Name			
Registered Address			
Country		PIN:	
Type of Applicant < Manufacturer or Trader or C-DoT or any Government Organization/Research Organisation/MSME/Start-ups or MSO/DTH Operator>			
Telephone		FAX	
Mobile		E-mail	
Website			
Address for correspondence	PIN:		
Telephone		FAX	
Mobile		E-mail	
Website			

**B. Details of the Product to be certified**

Product Name (CAS/SMS)			
Model No.		Year of Manufacture	
S/w version, if any			
Registered Name & Address of the Manufacturer /OEM			
Country		PIN:	
Telephone		FAX	

Mobile		E-mail	
Website			

**C. Please tick (√) the type of certificate required**

Approval Certificate for Conditional Access System (CAS)	
Approval Certificate for Subscriber Management System (SMS)	

**D. Standard/Specifications details**

Title of the TRAI/TEC Standard/Test Guide	
TRAI/TEC Standard/Specification No. against which the certification is sought	

**E. Please tick (√) whether the application is for**

New certificate	
Renewal of certificate	
Certification against amended/revised TRAI/TEC Standard of existing certificate	

**F. Details of the manufacturing location of the product [In case Indian OEM or Traders]**

Registered Name			
Address			
Country		PIN:	
Telephone		FAX	
Mobile		E-mail	
Website			

*(In case there are more than one manufacturing location, the same should be mentioned/annexed)*

**G. Details of the contract manufacturer in case of contract manufacturing in part or full [In case Indian OEM]**

Whether manufacturing in Part or full	
Registered Name of the contract manufacturer	
Registered Address	

Country		PIN:	
Telephone		FAX	
Mobile		E-mail	
Website			
Address of the manufacturing location			
Country		PIN:	
Telephone		FAX	
Mobile		E-mail	
Website			

*(Please attach separate sheet in case of more contract manufacturers)*

#### **H. Details of TEC Designated Lab for testing**

Name of the Lab	
Address	
Test location	

#### **I. Administrative Fee details**

NTRP transaction / reference No.		Dated	
Bank name			
Amount (Rs.)	(in figures)		
	(in words)		

Dated: \_\_\_\_\_  
Place: \_\_\_\_\_

Signature of the authorized signatory

To be filled by TEC/RTEC NR

Application Registration No.	
TEC Ack No.	

OFFICE STAMP

Signature of Receiving officer:  
Date:  
Name & designation:

**List of documents to be attached (as applicable)**

**(A) In case the applicant is an Indian OEM/MSME/Start-ups**

<b>S. No.</b>	<b>Type of document</b>	<b>Check (√) for submitted document or N/A (for not applicable)</b>
i	Copy of Industrial License/MSME registration/Copy of Certificate of Incorporation/Partnership Deed/Certificate of Recognition in case of Startup by Department for Promotion of Industry and Internal Trade(DPIIT),Government of India as applicable. Note 1: <i>Shareholding pattern/equity participation of the foreign company in the Indian Firm, if so should also be provided.</i>	
ii.	In case the manufacturing is carried out through contract manufacturing, copy of Agreement/MoU between the applicants also called the principal manufacturer and the Contract manufacturer(s) who is/are actually manufacturing the product thereof. Further, a copy of the manufacturing license(s) of the Contract manufacturer(s) shall also be provided.	
iii.	Authorization letter for the authorized signatory for signing form-1.	
iv.	An affidavit attested by notary public for each equipment/model as per proforma given in 'Annexure-2'.	
v.	Test Report of TEC designated lab	

**(B) In case the applicant is an Indian Trader of foreign OEM**

<b>S. No.</b>	<b>Type of document</b>	<b>Check (√) for submitted document or N/A (for not applicable)</b>
i.	Copy of Registration/Certificate of Incorporation of trader in India as applicable.	
ii.	Copy of the authorization by foreign OEM declaring the applicant as their authorised Indian trader/ dealer/ distributor/ representative/ Channel partner/ Branch office for the product clearly indicating the after sale support and the validity period.	
iii.	Authorization letter for the authorized signatory for signing form-1.	

vi.	An affidavit attested by notary public for each equipment/model as per proforma given in 'Annexure-2'.	
vii.	Test Report of designated lab	

**(C) In case the applicant is an C-DoT or any Government Organization/ Research Organisation or MSO/DTH Operator**

<b>S. No.</b>	<b>Type of document</b>	<b>Check (√) for submitted document or N/A (for not applicable)</b>
i.	Authorization letter for the authorized signatory for signing form-1.	
ii.	Test Report of designated lab	
iii.	Registration with Ministry of Information and Broadcasting (to be filled by MSO/DTH Operator only)	

**SPECIMEN AFFIDAVIT**

**(To be submitted along with Form 'A')**

To be submitted on non judicial stamp paper of Rs 100 and duly attested by a first class Magistrate, Oath Commissioner or by a Notary Public.

**AFFIDAVIT**

**[Strike off/delete whichever is not applicable]**

I \_\_\_\_\_ son/daughter of \_\_\_\_\_ resident of \_\_\_\_\_ do solemnly declare and affirm as follows.

1. That I am the sole Owner/Proprietor of the firm/company < name of the firm/company> having its headquarter at < registered address of the firm/company>.

**OR**

That I am authorised to sign this affidavit and apply to TEC for certification on behalf of the firm/company < name of the firm/company> having its headquarter at < registered address of the firm/company>.

2. That the firm/company is manufacturing the < name of the product > with <Model No. \* > at its own manufacturing plant / through contract manufacturing in part / full at <address of the manufacturing site> and we have test and repair facility for this product at < name and address of the facility>.

**OR**

That the firm/company is an authorized Indian dealer/distributor/channel partner/ representative/branch office of the foreign OEM <name and address of the foreign OEM of the product> for manufacturing the <name of the product> with <Model No. \*> at < address of the manufacturing site> and we have test and repair facility for this product at < name and address of the facility>.

*\* In case the product consists of more than one non-integrated units the model numbers of individual units are as below:*

<b>S. No.</b>	<b>Unit Name:</b>	<b>Model No.</b>
<i>i</i>		
<i>ii</i>		
<i>iii</i>		
.....		

3. [In case of Indian Trader] That we affirm and declare that the import of the product as described at serial 2 above has been done within the framework of rules of Government of India as prescribed in its Export and Import policy or any other law, rule or notification in force.

**OR**



[In case of Indian OEM] That we affirm and declare that the import of various parts of the product which have been imported has been done within the framework of rules of Government of India as prescribed in its Export and Import policy or any other law, rule or notification in force.

4. [In case of Renewal/Revision of certificate or testing of Additional Optional Interfaces of a certified product] That there is no change in the hardware of the product as compared to the model tested and certified by TEC vide existing certificate No. \_\_\_\_\_ dated \_\_\_\_\_.
5. In case of Renewal/Revision of certificate a testing of additional optional interfaces of a certified product, we affirm that “software version has changed from \_\_\_ to \_\_\_\_\_ and TEC has been informed that despite other software version change, the product is in compliance to the TEC Standard for IR/GR/Manufacturer’s Specification against which the product has been certified and that acknowledgement of TEC in this regard is attached herewith”. (Note:- This clause is applicable only if there is a change in software version.)
6. We affirm and declare that we indemnify TEC/DoT from any dispute, litigation, obligation and/or loss/damage etc. arising out of TOT/ use of technology, brand or model of the product mentioned above and we shall be solely responsible for any such eventuality.

[DEPONENT]

#### VERIFICATION

Verified \_\_\_\_\_ day of \_\_\_\_\_ year 20\_\_ that the contents of above affidavit are true to the best of my knowledge and belief and nothing untrue has been stated nor any facts has been concealed.

[DEPONENT]

Witnesses

1. < Signature > ( <Name> & Address)
2. < Signature > ( <Name> & Address)

Government of India  
Department of Telecommunications  
**Telecommunication Engineering  
Centre**  
Khurshid Lal Bhavan, Janpath, New  
Delhi-110001



भारत सरकार  
दूरसंचार विभाग  
दूरसंचार अभियांत्रिकी केंद्र  
खुशीदलाल भवन, जनपथ, नई दिल्ली-  
110001

**APPROVAL CERTIFICATE FOR CAS/SMS**

No.: \_\_\_\_\_

Date: <dd.mm.yyyy>

This is to certify that the product described below conforms to the TRAI Mandate /TEC Standard indicated below. This certificate is issued subject to the terms and conditions given overleaf.

APPLICANT  
(Name and Address)

TRAI/TEC Standard/Test Guide No.  
(Standard No. along with Amendment No. and date , if any)

**(Type of applicant-Trader / Manufacturer)**

PRODUCT NAME  
(As per TEC Standard)

MODEL No.

Original Equipment Manufacturer\*  
(Registered Name and Address)

SOFTWARE VERSION  
(If any)

VALID UP TO

REMARKS:

(As per requirement of the TEC Standard)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. Number and Date of last certificate#: \_\_\_\_\_
4. Effective date of this certificate\*: <dd.mm.yyyy>

Note: \*#To be mentioned in case of revision/renewal of Certificate

(NAME)  
DIRECTOR(RC)  
e-mail: [dir.ta.tec@gov.in](mailto:dir.ta.tec@gov.in)  
TEC website: [www.tec@gov.in](http://www.tec@gov.in)

\* "The Certificate is not a proof of Manufacturing location/capabilities, ownership details, claim regarding local content of the product etc.Kindly refer other Terms and Conditions mentioned OVERLEAF"

**No. :** \_\_\_\_\_

**Date:** <dd.mm.yyyy>

TERMS & CONDITIONS

- i) This certificate merely indicates conformance to the TRAI Mandate/TEC Standard document mentioned herein and the actual use of the product is subject to the applicable government rules and regulations including security requirements.
- ii) This certificate does not cover any functions or features beyond the scope of the TEC Standard mentioned herein, nor the performance of the equipment in different environment conditions.
- iii) This certificate issued by TEC shall not be valid for any hardware variant of the product. Any hardware variant of the product shall be treated as a different model for which a fresh certificate shall be required.
- iv) The software version mentioned in this certificate was the version declared by the certificate holder at the time of testing of the product. Any change in the software version of the product has to be brought to the notice of TEC along with a declaration as per the prescribed procedure to avoid cancellation of the certificate. TEC will issue an acknowledgement of receipt of such declaration.
- v) During the validity of this certificate, TEC reserves the right to inspect and/or test the product/equipment at any premises where it is in use or at the place of the manufacturer. If any adverse effect/deterioration in the performance of the approved product/equipment or interconnected system is noticed during inspection and/or testing or its use in Indian telecom network, TEC reserves the right to cancel/suspend the certificate.
- vi) For radio communication equipment, the operating frequencies shall comply with the approved frequencies by Wireless Planning and Co-ordination (WPC) wing of Department of Telecommunications. Possession, use, sale and operation of the wireless product is subject to applicable permissions/licenses.
- vii) This certificate should not be construed to be an authorization for trading or manufacturing activities which may be subject to applicable laws/rules/regulations.
- viii) TEC may amend/suspend/cancel this certificate in view of Government orders and rules or any anomaly noted by TEC/RTEC.

**Tested by:** CAB<Name & Address>\_\_\_\_\_

(NAME)

DIRECTOR (RC)

**To**

<APPLICANT's ADDRESS>

2/2

**TELECOMMUNICATION ENGINEERING CENTRE  
(DEPARTMENT OF TELECOMMUNICATIONS)  
ACTIVITY REPORT**

<b>A.1</b>	Name of the RTEC	
2	File Number	
3	Registration Number & date	
4	Approval Certificate (for CAS or for SMS)	
5	TRAI Mandate No. and/or TEC Standard / Specification/Test Guide No.	
<b>B.1</b>	Type of Applicant (Trader/Manufacturer/C- DoT/MSME/Start-ups/Govt. Organisation/MSO/DTH Operator or others)	
2	Name and address of the Applicant (H.O. address & Factory address)	
3	Contact details (e-mail and mobile no.)	
4	Name of the Product  Software Version, if applicable	
5	Model Name / Number	
6	In case of trader, Is he authorized for trade? State the status of testing / repair facility and the location of the same (Pl. indicate the date till which the trade Authorization is valid)	
7	Does the product comply with all the clauses of the TRAI Mandate/TEC Standard/Specification/Test Guide?	
8	Is any relaxation granted by Sr. DDG (Details to be given)	

9	Is it a New case / renewal case / addition of some facility to earlier approved product? (Other than new case old Approval certificate No. to be given)	
<b>C.1</b>	Date of receipt of Form - "A"	
<b>D.1</b>	Amount of Administrative Fee collected through NTRP	
2	NTRP Transaction No. and date	
3	Name and Address of TEC Designated Lab used for testing	
<b>E.1</b>	If the approval is not for full period subject to some condition(s) the reasons thereof	
2	Remarks, if any	
3	Copy of the Draft Certificate	

Signature of the RTEC Officer

Name :

Designation:

Approval Certificate for CAS/Approval Certificate for SMS: APPROVED

Date:

DDG, RTEC.

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