

अनिवार्य आवश्यकताएँ

संख्या : TEC40142111

Essential Requirements

ER No. : TEC40142111

SMSC

© टीईसी, २०२१
© TEC, 2021

MTCTE के तहत जारी:

Issued under MTCTE by:

दूरसंचार अभियांत्रिकी केंद्र

भारत सरकार

खुर्शीद लाल भवन, जनपथ, नई दिल्ली - 110001, भारत

Telecommunication Engineering Centre

Government of India

Khurshid Lal Bhawan, Janpath, New Delhi-110001, INDIA

Essential Requirements for:

SMSC

Certification Scheme: **GCS**

Product Fee Group: **C**

This document lays down the Essential Requirements under MTCTE notified by Government of India vide Gazette Notification No. G.S.R. 113 (E) dated 05-09-2017 for Short Message Service Center (SMSC) to be used in Indian Telecom Network.

Note: Annexures referred to in this ER are Annexures as mentioned in "Annexures to ERs" No. TEC/SD/DD/TCP-222/02/June19 as updated from time to time and available on MTCTE portal.

This product has the following variants:

1. SMSC

1. Variant 1 : SMSC

1.1 Parameters Linked with Product Variant

S.No.	Parameter Name	Standard Name
1.1.1	Conducted And Radiated Emission - Class A	TEC EMI EMC Standard CISPR 22/32 EN55022/32. Annex-B
1.1.2	Immunity to AC Voltage Dips and Short Interruptions	TEC EMI EMC Standard EN/IEC:61000-4-11. Annex-B
1.1.3	Immunity to Electrostatic Discharge	TEC EMI EMC Standard EN/IEC:61000-4-2. Annex-B
1.1.4	Immunity to Fast Transients (Burst)	TEC EMI EMC Standard EN/IEC:61000-4-4. Annex-B
1.1.5	Immunity to Radiated RF	TEC EMI EMC Standard EN/IEC:61000-4-3. Annex-B
1.1.6	Immunity to RF Field Induced Conducted Disturbance	TEC EMI EMC Standard EN/IEC:61000-4-6. Annex-B
1.1.7	Immunity to Surges	TEC EMI EMC Standard EN/IEC:61000-4-5.

		Annex-B
1.1.8	IT Equipment Safety	IS 13252-1 or IEC:60950-1 or IEC 62368-1. Annex-A1
1.1.9	Numbering Addressing and identification	3GPP TS 23.003

1.2 Interface 1 : MAP based interface towards SMSC

S.No.	Parameter Name	Standard Name
1.2.1	Interface Management Procedures (MAP based interface towards SMSC)	3GPP TS 29.002 Mobile Application Part (MAP) specification
1.2.2	SMS related procedures (MAP based interface towards SMSC)	3GPP TS 29.002 Mobile Application Part (MAP) specification

1.3 Interface 2 : SMSC-HLR

S.No.	Parameter Name	Standard Name
1.3.1	Interface Management Procedures(SMSC-HLR)	3GPP TS 23.078 29.078
1.3.2	Subscriber data management related procedures(SMSC-HLR)	3GPP TS 23.078 29.078