

ADOPTION PROPOSAL FORM

CPR183/F15

KENYA BUREAU OF STANDARDS

Document Type:	Adoption proposal	
Dates:	Circulation date	Closing date
	2022-02-10	2022-03-11
TC Secretary	This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Zacheus Mwatha (zimwatha@kebs.org)	

The Kenya Bureau of Standards intends to adopt the International Standards as detailed in the attached list (**Table 1**).

We are therefore seeking views from potential users in respect of the same. The Standards are available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed options (**Table 2**), if there are varying options, otherwise where one option applies to all the three (3) proposed standards tick below. Please complete **Table 3** for the standard proposed for withdrawal irrespective of your responses in table 2 or below. (If the spaces provided are not enough, please attach a separate sheet of paper).

Adoption acceptable as presented

.....
.....

Adoption proposal not acceptable because of the reason(s) below

.....
.....

Our Recommendations are as follows (indicate against each standard in table 2)

.....
.....

Name and Signature (of respondent):

Position (of respondent):

On behalf of (Name of organization)

Date

NOTE: Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote**.

Table 1 – Detailed information of each standard

S/No.	IS NO.	TITLE AND SCOPE
1.	CISPR TR 18-1:2017	<p>Title: Radio interference characteristics of overhead power lines and high-voltage equipment - Part 1: Description of phenomena</p> <p>Scope/Abstract: This part of CISPR 18, which is a Technical Report, applies to radio noise from overhead power lines, associated equipment, and high-voltage equipment which may cause interference to radio reception. The scope of this document includes the causes, measurement and effects of radio interference, design aspects in relation to this interference, methods and examples for establishing limits and prediction of tolerable levels of interference from high voltage overhead power lines and associated equipment, to the reception of radio broadcast signals and services.</p> <p>The frequency range covered is 0.15 MHz to 3 GHz.</p> <p>Radio frequency interference caused by the pantograph of overhead railway traction systems is not considered in this document</p> <p>Hyperlink: info_cisprtr18-1{ed3.0.RLV}en.pdf(iec.ch)</p>
2.	CISPR TR 18-2:2017	<p>Title: Radio interference characteristics of overhead power lines and high-voltage equipment - Part 2: Methods of measurement and procedure for determining limits</p> <p>Scope/Abstract: This part of CISPR 18, which is a Technical Report, applies to radio noise from overhead power lines and high-voltage equipment which may cause interference to radio reception.</p> <p>The frequency range covered by this publication is 0.15 MHz to 3 GHz.</p> <p>A general procedure for establishing the limits of the radio noise field from the power lines and equipment is recommended, together with typical values as examples, and methods of measurement.</p> <p>The clause on limits concentrates on the low frequency and medium frequency bands and it is only in these bands where ample evidence, based on established practice, is available. No examples of limits to protect radio reception in the frequency band 30 MHz to 3 GHz have been given, as measuring methods and certain other aspects of the problems in this band have not yet been fully resolved. Site measurements and service experience have shown that levels of noise from power lines at frequencies higher than 300 MHz in normal operation are so low that interference is unlikely to be caused to television reception.</p> <p>The values of limits given as examples are calculated to provide a reasonable degree of protection to the reception of broadcasting at the boundary of the recognized service areas of the appropriate transmitters in the radio frequency bands used for a.m. radio broadcasting, in the least favourable conditions likely to be generally encountered. These limits are intended to provide guidance at the planning stage of the line and national standards or</p>

		<p>other specifications against which the performance of the line may be checked after construction and during its useful life.</p> <p>The measuring apparatus and methods used for checking compliance with limits should comply with the respective CISPR specifications, as e.g. the basic standards series CISPR 16</p> <p>Hyperlink: info_cisprtr18-2{ed3.0.RLV}en.pdf (iec.ch)</p>
3.	CISPR TR 18-3:2017	<p>Title: Radio interference characteristics of overhead power lines and high-voltage equipment - Part 3: Code of practice for minimizing the generation of radio noise</p> <p>Scope/Abstract: CISPR TR 18-3:2017 which is a technical report, applies to radio noise from overhead power lines and high-voltage equipment which may cause interference to radio reception, excluding the fields from power line carrier signals.</p> <p>The frequency range covered is 0.15 MHz to 3 GHz.</p> <p>Hyperlink: info_cisprtr18-3{ed3.0.RLV}en.pdf (iec.ch)</p>

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Table 2 – Preferred option(s) and recommendation(s) where different options are recommended

S/No.	Standard Number	Our preferred option		Reasons the adoption proposal is not acceptable with preferred recommendation(s) (mandatory)
		Adoption acceptable as presented	Adoption proposal not acceptable because of the reason(s)	Our Recommendations are as follows (cite specific clauses and wording preferred)
1.	CISPR TR 18-1:2017			
2.	CISPR TR 18-2:2017			
3.	CISPR TR 18-3:2017			

WITHDRAWAL ITEM (Table 3)

Kenya Bureau of Standards intends to withdraw the following Kenya Standard for the reason given.

We are therefore seeking views from potential users in respect of the same. The Standard is available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

S/No.	Withdrawal item	Reason for Withdrawal	Our proposed action	
			Withdrawal proposal acceptable as presented	withdrawal proposal not acceptable because of the reason(s)
1.	KS 1505-1:2000, Specification For Radio Interference Characteristics of Overhead Power Lines and High Voltage Equipment Part 1 Description of The Phenomenon	To be replaced by proposed CISPR TR 18-1:2017 above		
2.	KS 1505-2:2000, Specification For Radio Interference Characteristics of Overhead	To be replaced by proposed CISPR TR 18-2:2017 above		

	Power Lines and High Voltage Equipment Part 2 Methods of Measurement and Procedure For Determining Limits			
3.	KS 1505-3:1999, Specification For Radio Interference Characteristics of Overhead Power Lines and High Voltage Equipment Part 3 Code of Practice For Minimizing The Generation of Radio Noise	To be replaced by proposed CISPR TR 18-3:2017 above		

Name and Signature (of respondent):

Position (of respondent):

On behalf of (Name of organization)

Date

NOTE: Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote.**