



सत्यमेव जयते  
भारत सरकार

रेल मंत्रालय  
रेलवे बोर्ड



Railway Board, New Delhi

RBA.No. 105 /2019.

No. 2002/ACII/2/10 Vol II

New Delhi dated 29. 11.2019

1. General Managers/ PFA etc (As per Standard list I).
2. All Attached Offices/ Subordinate Offices (As per standard list II)

**Sub: Revised Codal life of Assets.**

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Please refer to para 219 of Indian Railway Finance code, Vol-I, detailing the normal life of various assets. Serial Numbers of Assets under item (B) Equipments required for replacement through DRF/Sinking Fund/ Electrical Assets are modified as per enclosed Advanced Correction Slip No. 87.

This is for your information and necessary action.

Encl: As above.

(Sanjeev Sharma)

Director Finance Accounts  
Railway Board

**Copy to :**

1. DyC&AG of India (Railways), Room No. 224, Rail Bhawan, New Delhi (with 45 spare copies).
2. GM/ Const/NFR, CAO/CE (Const)/All Indian Railways.
3. EDCE/Planning, EDME/Freight, ED/Signal and ED/EE(Dev)
4. ACI(Comp), ACII(6 copies), ACIV, Code revision, Accounts Inspection, Accounts Appropriation, Finance(Budget).

## Indian Railway Finance Code –Volume -I (1998)

**Para 219:**

Modify the table given under Para 219 Indian Railway Finance Code –Volume -I (1998) as under:

**(iii) Electrical Assets:****B) Equipments required for replacement through DRF/Sinking Fund**

S.No.	Class of assets	Average life in years
1	<b>AC EQUIPMENT</b>	
(i)	25 KV Inverter	15
(ii)	AC Control Panel (As per F-I codal life is 12 yrs.)	15
(iii)	Inverter Panel	15
2	<b>TL Power Equipment</b>	
(i)	4.5/18/22.75/25 KW Alternator (As per F-I codal life of Dynamo is 20 years)	12
(ii)	800 A.H.L.A Battery	4
(iii)	1100 AH VRLA (SMF) Battery	4
(iv)	Diesel Engine for Power Cars	16
(v)	Alternator for Power Car	15
3	<b>Electric Locomotive Equipments</b>	
(i)	All Electric rotating machines up to 25 HP used on Electric Locomotives, EMU's Coaches and stationary items	12
(ii)	All Electric rotating machines above 25 HP and upto 750 HP used on Electric Locomotives, EMU's Coaches and for stationary items	12
(iii)	Traction Motor	18
(iv)	Traction Converters	18
(v)	Auxiliary Converters	18
(vi)	Control Electronics	18
(vii)	Tap-Changer	35
(viii)	Rectifier Block	18
(ix)	Traction Gears	12
(x)	Motor Suspension	12
(xi)	Bogies with Wheel	18
(xii)	Armature for Traction Motors	15
(xiii)	Stator for Traction Motor	18
(xiv)	Commutator for Traction Motor	15
(xv)	Locomotive re-cabling	18
4	Microprocessor based control and fault diagnostic system	12
5	Speedometer cum recorder and monitoring system	10
6	BA Panel	18
7	VCB	18
8	DBR (roof mounted)	9
9	DBR (vertical mounted)	9
10	Pantograph	12
11	TRD Equipments	

Contd 2-

(i)	Current/Potential/transformer	30
(ii)	Earthling system in sub-station <i>etc.</i>	15
(iii)	Lighting arrestor (Gapless type)	15
(iv)	Lighting arrestor (Convertor type)	15
(v)	Buster & Terminal connection	30
(vi)	Battery charger	15
(vii)	Relay (Electromechanical)	15
(viii)	Relay (Electronic)	15
(ix)	Instruments (Electrical)	30
(x)	Instruments (Electronic)	30
(xi)	Relay testing kit & other testing equipment	15
<b>(xii)</b>	<b>OHE conductors &amp; components - For Normal Zone</b>	
(a)	OHE fixed structures	
	(i) Mast / Structure / Guy Rod / foundation	80
(b)	<b>Other than fixed structures</b>	
	(i) Cantilever assembly and all types of insulators	40
	(ii) Isolators / ATD	30
(c)	<b>Wires</b>	
	(i) Catenary / feeder wire / return conductor	60
	(ii) Contact wire	*40 or on the basis of condemning date
<b>(xiii)</b>	<b>OHE conductors &amp; components - For Polluted Zone</b>	
	(i) Cantilever assembly & all types of insulators	On condition basis
	(ii) ATD	On condition basis
(xiv)	<b>PSI equipments</b>	
(a)	<b>Substation's equipments</b>	
	(i) Power Transformer / Auxiliary Transformers	40
	(ii) All types of cables	30
	(iii) Fixed capacitor bank	15
(b)	<b>Control equipments</b>	
	(i) Circuit Breaker, panels, all switchgear and protective circuits	25
	(ii) SCADA system	10
(xv)	<b>Transmission line equipments &amp; components</b>	
	(i) 110KV/132 KV, ACSR conductors / Earth wire / insulators / Tower fittings	60
12	38 Tower Wagons (both 4 wheeler, 8 wheeler & all types)	40