

BUREAU OF INDIAN STANDARDS

Program of Work

TED 27 : Electric And Hybrid Vehicles

Scope: a) Standardization of Electric and Hybrid vehicles and their components. b) Co-ordination of work with ISO/TC 22 and its sub-committee ISO/TC 22/SC 37.

Liaison: **ISO TC-22 SC-37 (P): Electrically propelled vehicles ISO TC-22 (P): Road vehicles**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 15886 : 2010 <i>Reviewed In : 2017</i>	Road Vehicles " Battery Operated--Vehicles " Code Of Practice	March, 2017	-	
2	IS 17191 (Part 1) : 2019 <i>Reviewed In : 2024</i>	Electric Power Train Vehicles Part 1 Measurement of Electrical Energy Consumption	May, 2024	1	Indigenous
3	IS 17191 (Part 2) : 2019 <i>Reviewed In : 2024</i>	Electric Power Train Vehicles Part 2 Method of Measuring the Range	May, 2024	1	Indigenous
4	IS 17191 (Part 3) : 2019 <i> AIS 041:2015</i>	Electric Power Train Vehicles Part 3 Measurement of Net Power and the Maximum 30 Minute Power		1	Modified/Technically Equivalent
5	IS 17855 : 2022 ISO 12405-4:2018 <i>ISO 12405-4:2018</i>	Electrically propelled road vehicles - Test specification for lithium-ion traction battery packs and systems - Part 4: Performance testing		-	Identical under dual numbering
6	IS 18073 : 2023	Electric Traction Motor - Performance and Functional Requirements		-	Indigenous
7	IS 18294 : 2023	Electric Rickshaw E-Kart Construction and Functional Safety Requirements Specification		-	Indigenous
8	IS 18590 : 2024	Electric Power Train of L Category Vehicles i½ Specific Requirements		-	Indigenous
9	IS 18606 : 2024	Electric Power Train of M and N Category Vehicles i½ Specific Requirements		-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title

No Records Found

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	TED 27 (18130)	CMVR Type Approval for Hybrid Electric Vehicles

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	TED 27 (26886)	REQUIREMENTS OF QUIET ROAD TRANSPORT VEHICLES QRTV WITH REGARD TO THEIR REDUCED AUDIBILITY
2	TED 27 (26931)	ELECTRIC POWER TRAIN OF M AND N CATEGORY VEHICLES SPECIFIC REQUIREMENTS

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	TED 27 (16227)	HYBRID ELECTRIC VEHICLES OF M N CATEGORY WITH GVW 3500 KG TESTS FOR TYPE APPROVAL

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Total Published Standards:7 Total Standards Under development:4

Aspect Wise Report

Product : 4
Code of Practices : 1
Methods of Test : 4
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 18073 : 2023	Electric Traction Motor - Performance and Functional Requirements
		Electric Rickshaw E-Kart Construction and Functional Safety Requirements Specification

2	IS 18294 : 2023	
3	IS 18590 : 2024	Electric Power Train of L Category Vehicles Specific Requirements
4	IS 18606 : 2024	Electric Power Train of M and N Category Vehicles Specific Requirements