

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**

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	Electric Power Train Vehicles Part 1 Measurement of Electrical Energy Consumption		1	Indigenous
3	IS 17191 (Part 2) : 2019	Electric Power Train Vehicles Part 2 Method of Measuring the Range		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
No Records Found		

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
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:7 Total Standards Under development:2

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
No Records Found		

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 18073 : 2023	Electric Traction Motor - Performance and Functional Requirements
2	IS 18294 : 2023	Electric Rickshaw E-Kart Construction and Functional Safety Requirements Specification
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
---	-----------------	---