

Re: Request for approval for gazette notification of ETD 28 Document-23432,23433,23434,23435,23436,23437,23438,23439,23441,23442,23443,23444,23445,23446,23447,23448,23449,23450,23451,23452,23453,23454,23455,24013

From : Ashok Kumar Rajput <akrajput@nic.in> Mon, Apr 01, 2024 03:02 AM
Subject : Re: Request for approval for gazette notification of ETD 28 Document- 📎 24 attachments
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To : ETD DEPARTMENT <eetd@bis.gov.in>
Cc : Sheetal Sumeet Jain <sheetal1972@nic.in>

Sir
Approved as proposed.

Thanks & Regards

Ashok Kumar Rajput
Member (Power Systems), Central Electricity Authority
Ministry of Power (Govt. of India)
Room No. 301 (North),
Sewa Bhawan, R.K.Puram
New Delhi- 110066
Mobile No.-+919868202176
Ph(off.) 011-26732301

From: "ETD DEPARTMENT" <eetd@bis.gov.in>
To: "rajput ashok" <rajput.ashok@gmail.com>, "Ashok Kumar Rajput" <akrajput@nic.in>
Sent: Monday, March 4, 2024 5:50:23 PM
Subject: Request for approval for gazette notification of ETD 28 Document-23432,23433,23434,23435,23436,23437,23438,23439,23441,23442,23443,23444,23445,23446,23447,23448,23449,23450,23451,23452,23453,23454,23455,24013

Our Ref: ETD 28/G-1
04 March 2024

Subject: Approval for gazette notification of ETD 28 document as New and Revision of Indian Standards.

Dear Shri Ashok Kumar Rajput,

This has reference to the following new and revision of Indian Standards finalized under Solar Photovoltaic Energy Systems Sectional Committee, ETD 28:

Sn.	Document No.	Document Type	Title

1.	ETD/28/23449 (Identical To: IEC TS 62257-9-2:2016)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 9-2: Integrated systems Microgrids
2.	ETD/28/23444 (Identical To: IEC TS 62257-7-3:2018)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 7-3: Generator Set Selection of Generator Sets For Rural Electrification Systems
3.	ETD/28/23438 (Identical To: IEC TS 62257-4:2015)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 4: System Selection and Design
4.	ETD/28/23452 IS 16476 : Part 1: 2017 IS 16476 : Part 2: 2018 (Identical To: IEC TS 62257-9-5:2018)	Revision	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 9-5: Integrated systems Laboratory evaluation of stand-alone renewable energy products for rural electrification
5.	ETD/28/23433 (Identical To: IEC 62257-100:2022)	New	Renewable Energy Off-Grid Systems Part 100: Overview of the IEC 62257 series
6.	ETD/28/23447 (Identical To: IEC TS 62257-8-1:2018)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 8-1: Selection of batteries and battery management systems for stand-alone electrification systems Specific case of automotive flooded lead-acid batteries available in developing countries
7.	ETD/28/23442 (Identical To: IEC TS 62257-7-1:2010)	New	Recommendations for Small Renewable Energy and Hybrid Systems for Rural Electrification Part 7-1: Generators Photovoltaic Generators
8.	ETD/28/23455 (Identical To: IEC 62257-9-8:2020)	New	Renewable Energy and Hybrid Systems for Rural Electrification Part 9-8: Integrated systems Requirements for stand-alone renewable energy products with power ratings less than or equal to 350 W
9.	ETD/28/23436 (Identical To: IEC TS 62257-12-1:2020)	New	Renewable Energy and Hybrid Systems for Rural Electrification Part 12-1: Laboratory evaluation of lamps and lighting appliances for off-grid electricity systems
10.	ETD/28/23450 (Identical To: IEC TS 62257-9-3:2016)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 9-3: Integrated systems User interface
11.	ETD/28/23445 (Identical To: IEC TS 62257-7-4:2019)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 7-4: Generators Integration of Solar With Other Forms of

			Power Generation within Hybrid Power Systems
12.	ETD/28/23439 (Identical To: IEC TS 62257-5:2015)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 5: Protection against Electrical Hazards
13.	ETD/28/23453 (Identical To: IEC TS 62257-9-6:2019)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 9-6: Integrated systems Recommendations for selection of Photovoltaic Individual Electrification Systems PV-IES
14.	ETD/28/23434 (Identical To: IEC TS 62257-2:2015)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 2: From Requirements to A Range of Electrification Systems
15.	ETD/28/23448 (Identical To: IEC TS 62257-9-1:2016)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 9 Integrated systems Section 1 Micropower systems
16.	ETD/28/23443 (Identical To: IEC TS 62257-7-2:2022)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 7-2: Generator Set Off-Grid Wind Turbines
17.	ETD/28/23437 (Identical To: IEC TS 62257-3:2015)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 3: Project Development and Management
18.	ETD/28/24013 (Identical To: IEC 63397:2022)	New	Photovoltaic PV Modules Qualifying Guidelines for Increased Hail Resistance
19.	ETD/28/23451 (Identical To: IEC TS 62257-9-4:2016)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 9-4: Integrated systems User installation
20.	ETD/28/23432 (Identical To: IEC 62787:2021)	New	Concentrator Photovoltaic CPV Solar Cells and Cell on Carrier CoC Assemblies Qualification
21.	ETD/28/23446 (Identical To: IEC TS 62257-7:2017)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 7: Generators
22.	ETD/28/23441 (Identical To: IEC TS 62257-6:2015)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 6: Acceptance Operation Maintenance and Replacement
23.	ETD/28/23435 (Identical To: IEC PAS 62257-10:2017)	New	Recommendations for Renewable Energy and Hybrid Systems for Rural Electrification Part 10: Silicon Solar Module Visual Inspection Guide
24.	ETD/28/23454 (Identical To: IEC TS 62257-9-7:2019)	New	Renewable Energy and Hybrid Systems for Rural Electrification Part 97: Recommendations for Selection of Inverters

In accordance with BIS Act 2016, I enclose copy of new and revision of Indian Standards mentioned above finalized by 'Solar Photovoltaic Energy Systems Sectional Committee ETD 28' in the light of comments received from important producers, consumers, technologists, members of Electrotechnical Division Council (ETDC).

It is requested that this note and its enclosure may be returned to this office as early as possible recording your approval for the adoption of new and revision to Indian Standards as stated above on behalf of the Electrotechnical Division Council (ETDC).

I shall be glad, if you return the above document as early as possible, according your approval as **Chairman, ETDC** for its publication as Indian Standard.

Thanking you,
Yours sincerely,

**Asit Kumar Maharana
Scientist 'E' & Head (ETD)**

विद्युत तकनीकी विभाग | Electrotechnical Department

भारतीय मानक ब्यूरो | Bureau of Indian Standards

उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय | Ministry of Consumer Affairs, Food & Public Distribution

भारत सरकार | Government of India

मानक भवन, 9 बहादुरशाह ज़फर मार्ग | Manak Bhawan, 9 Bahadur Shah Zafar Marg

नई दिल्ली - ११०००२ | New Delhi - 110002

दूरभाष Phone: +91 011 23231192, 2360 8271/8356/8427/8405

ईमेल e-Mail: eetd@bis.gov.in | वेबसाइट Website: www.bis.gov.in

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