

There being no comments, the Committee approved the minutes of 23<sup>rd</sup> meeting of Renewable Energy Sources Sectional Committee, MED 04 in joint session with 16<sup>th</sup> meeting of Solar Thermal Energy Sub Committee MED 04:1 held on 21.07.2022.

## Item 2 ACTION TAKEN ON MINUTES OF THE LAST MEETING

2.1 Committee decision on action of last meeting of Renewable Energy Sources Sectional Committee, MED 04 in joint session with MED 04:1 are as follows:

Sr No	Item No*	Decision of the Committee during 23 <sup>rd</sup> meeting	Action taken/Status	Decision of the Committee during 24 <sup>th</sup> meeting
1.	Item no. 2.1 SI no. 1	<p>The Committee noted the information and decided that Prof Anagha Pathak to contact Dr SB Kedare to convene a Panel meeting and dispose off all the comments related to IS 12933 (Part 1, Part 2 and Part 5), IS 16542, IS 16543 and IS 16544 and provide the drafts within 30 days for Committee's consideration.</p> <p>Prof Anagha Pathak agreed for the above.</p> <p>The Committee further decided that above drafts as received from the following Panel may be circulated to all the Committee members for their comments for the period of 15 days:</p> <p>a) Dr S.B Kedare of IIT Mumbai</p>	<p>1) As directed by the Committee a Panel meeting was held dated 14.09.2022 to dispose off the comments received on IS 16542, IS 16543, IS 16544 and IS 12933 (Part 1, Part 2 and Part 5). The suggestions received from the Panel were incorporated in the draft standards and was circulated to the members.</p> <p>Some more comments were received from M/S Ariston and M/S V-Guard, Panel meeting was held dated 02.11.2022 to dispose off the comments. Suggestions of the Panel are yet to incorporate, approval from Shri SB Kedare is awaited.</p> <p>2) Following comments were received from Surat Branch Office for processing of All India</p>	<p>1) The Committee noted the information and discussed the recommendations of the Panel which were shared by Shri SB Kedare during the meeting.</p> <p>Committee agreed to the suggestions provided by the Panel.</p> <p>2) Committee discussed the comments received from Surat Branch Office and was of the view</p>

		<p>(Convener)</p> <p>b) Prof Anagha Pathak of RTC Pune</p> <p>c) Shri Atam Kumar, Delhi (Expert in personal capacity)</p> <p>d) Shri Vikrant Yadav from NISE.</p> <p>e) Shri Asim Kumar Joshi, SPRERI</p> <p>f) Shri Vikram Dhaka, MNRE</p> <p>g) Prof K. Srinivas Reddy, IIT Chennai.</p> <p>If no comment received by the due date, the same may be circulated as wide circulation for the period of 30 days.</p>	<p>First Application on IS 16544 received from M/S Waasol Energies LLP:</p> <p>“This has reference to mail from M/s <b>WAASOL Energies LLP, for their All India First applications as per IS 16544.</b></p> <p>MED is requested to provide clarifications for the following points:</p> <ol style="list-style-type: none"> <li>1. As per IS 16544 Amendment 1 the total no. of vacuum tubes for 500 LPD should be 38 nos. of length 2100 mm. As per formula provided the table the calculation for collector area of 7.5 m<sup>2</sup> comes around 25 tubes. Please clarify the exact no. of tubes to be fitted in 500 LPD systems and others also.</li> <li>2. Collector area and absorber area is same and it should be 7.5 m<sup>2</sup> as per BIS standard.”</li> </ol> <p>3) In IS 16542 under</p>	<p>that the calculation (drafted by the Panel) for calculating the no. of tubes required may be shared with M/s <b>WAASOL Energies LLP</b> for their perusal along with the Amendment no. 1 to IS 16544: 2016..</p> <p>If any further comment received same may be shared with the following Panel for its disposal:</p> <ol style="list-style-type: none"> <li>a) Dr S.B Kedare of IIT Mumbai (Convener)</li> <li>b) Prof Anagha Pathak of RTC Pune</li> <li>c) Shri Atam Kumar, Delhi (Expert in personal capacity)</li> <li>d) Shri Vikrant Yadav from NISE.</li> <li>e) Shri Asim Kumar Joshi, SPRERI</li> <li>f) Shri Vikram Dhaka, MNRE</li> <li>g) Prof K. Srinivas Reddy, IIT Chennai.</li> </ol>
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<b>2.</b>	<b>Item no. 2.1 SI no. 3</b>	<p>The Committee noted the information and decided the revision draft of IS 12976 may be circulated as wide circulation for the period of 30 days.</p> <p>If no comments or any editorial comments were received then above draft may be sent for printing with the approval of Chairman MED 04.</p> <p>If any technical comments are received, the same may be collated by Member Secretary and sent to following Panel for the disposal of comments:</p> <ul style="list-style-type: none"> <li>a) Prof K. Srinivas Reddy of IIT Chennai (Convener)</li> <li>b) Shri Vikrant Yadav, NISE, Gurugram,</li> <li>c) Dr A.R Shukla of M/s Biogas Forum</li> <li>d) Shri Atam Kumar</li> <li>e) Shri Harmeet</li> </ul>	<p>As directed the revision draft of IS 12976, Doc no.: MED 04(20502) was circulated as wide circulation dated 12.09.2022 for the period of 30 days.</p> <p>Committee may note that till date no comment is received.</p>	<p>Committee noted the information and decided that the revision draft to IS 12976 may be sent for publication.</p>