**ITEM 4 ACTION ARISING FROM THE MINUTES OF THE PREVIOUS MEETING**

All the actions arising from the minutes of the previous meeting are given below:

| **Item No.** | **ITEM REFERENCE** | **MINUTES OF 23TH MEETING OF PCD 18 HELD ON 19TH JULY, 2019 & DECISION OF THE COMMITTEE** | **ACTION TAKEN/STATUS** |
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| **Item 4 – Action arising from the minutes of the previous meeting** |
| 4.1 | **Item. No. 3.1 Review of Sampling Requirement of Existing Indian Standards**  | In the 24th meeting the committee The Committee CONSIDERED the comments received from Sh Rafiq Hazi, SH Kelkar and Company Ltd on Doc. PCD 18 (14454) C Methods of sampling and test for natural and synthetic perfumery materials: Part 1 Sampling (fourth revision of IS 326 part 1) And after deliberations, AGREED to include Personal Safety Statement under clause 3.2.1, General Precautions..**Working Group 06** to review the Comparison chart of the test methods prescribed in the Indian Standards viz-a-viz ISO standards as given at Annex I of the agenda and to provide the list of instrumental test methods for EO/fragrances for which new Indian Standards need to be formulated and also to identify the experts for preparation of Working Drafts on these subject within the timeline to be stipulated by the WG for review by the Committee.Working Group 06 to also review the individual essential oil/fragrance raw materials specifications (63 Indian standards) for the relevance of the requirement of sample size and propose minimum sample required based on test to be carried out. Simultaneously, they have to work on minimum sample size requirement for each test methods prescribed in the standards. Based on the review, the WG would list out the standards to be revised so as to update the requirement of sample size as per the current technology and identify the expert for preparation of draft revision within a timeline to be stipulated by the WG. To begin with, Table (for each product standard) comprising of test methods and samples size required to be prepared by the WG. Subsequent to this, decision on sample size for individual product sample will be worked out.The Working Group agreed to provide the above information within 30 days for circulation to the Committee Members for inputs/comments.**Composition of WG-06**: 1) Shri Pradeep Kapoor, Jagat Aroma Oils Distillery (Convener) 2) Shri Yogesh Dubey, EOAI, Kanpur 3) Shri S. V. Shukla, FFDC, Kannauj 4) Shri C.S. Chanotiya, CSIR- CIMAP, Lucknow 5) Shri Vijai Kant Agnihotri, CSIR- IHBT, Palampur 6) Shri Praful P. Dalal, CRCL, New Delhi | Necessary corrections to the document . Doc. PCD 18 (14454) C Methods of sampling and test for natural and synthetic perfumery materials: Part 1 sampling (fourth revision of is 326 part 1) as per recommendations of the committee is attached below. The committee may consider finalizing the document for PublicationThe documents have not been receivedInputs are awaited from WG-6***The Committee may Deliberate and Decide.*** |
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| 4.2 | **List of Permitted/ Prohibited/ Restricted Ingredients for use in Fragrances**  | **List of Permitted/ Prohibited/ Restricted Ingredients for use in Fragrances and Restricted/ Prohibited Essential Oils/ Fragrance material for Re-Evaluation in Indian Conditions**The Committee NOTED Agenda item that the subject is under discussion from a long time. During the meeting, the subject was also deliberated at length. The committee also NOTED the comments received from Dr. Sheelendra, IITR on Protocol for Comparative Evaluation of Skin Sensitization Potential of Synthetic and Natural Essential Oild (Palmarosa Oil or Lemongrass Oil) by various in vivo and in vitro Methods, as provided by Dr. Renuka Thergaonkar. The committee after detailed deliberations DECIDED that the matter is to be taken up for scientific study before proceeding further. The committee RECONSTITUITED the Panel-02 as follows-1. Sh SV Shukla, FFDC, Kannauj (Coordinator)
2. Dr. Ram Vishwakarma, Scientific Advisor, CSIR
3. Dr Renuka Thergaonkar, ISCC, Mumbai
4. Smt Nisha Bura, Sc-D, JKBO, BIS
5. Dr. Nripendra K Chouhan, Director, CAP, Dehradun
6. Shri Deepak Lodhwal, Member Secretary

The Committee REQUESTED Panel-02 to consider all the inputs received till date including those from Dr Renuka Thergaonkar and Sh Rohit Seth and to provide their recommendations within a period of **2 months, by the end of March 2021**. The Committee also DECIDED that based on the inputs of Panel-02, further decision regarding finalization of list to circulate it as p-draft or to take up the matter for further R&D by an independent agency such as CSIR, DBT etc. would be taken. |  |
| 4.3 | **Sl. No. 3.3- IS 1177: 1996 Oil of Vetiver (Cultivated and Khus) - Specification (Second revision)** | IS 1177: 1996 Oil of Vetiver (Cultivated and Khus) - Specification (Second revision) The Committee CONSIDERED and DELIBERATED upon the inputs received from CIMAP and testing data provided by Sh. Aditya Deo, M/s D.V. Deo Industries. Sh Aditya informed that the physical paramaters of Vetiver Oil varies according to North Indian and South Indian varieties. He stated that distillation techniques and optical rotation for these varieties varies depending upon the part of plant from which oil is extracted and month in which it is cultivated. The Committee also noted that north Indian varieties are represented as natural and south Indian varieties as cultivated varities in the existing standard.After detailed deliberations on the inputs received, the Committee REQUESTED CIMAP and Sh. Aditya Deo, to provide bonafide/certified documents of registered varieties of Vetiver Oil and to provide methods and results of tests of these varieties within 1 month, by the end of February 2021. | Documents-Bonafide/certified documents of registered varieties of Vetiver Oil and test methods and results of tests of these varieties from CIMAP and Sh. Aditya Deo, D.V. Deo Industries have not been received by BIS.  |
| 4.4 | **New Subject Proposals to Formulate Standards on Traditional Karpoor, Dhoop and Agarbatti** |  **New Subject Proposals to Formulate Standards on Traditional Karpoor, Dhoop and Agarbatti**Doc. PCD 18(14870)P Incense Sticks Agarbatti ̶ Specification was circulated to members as P-draft, with last date of comments as 10/11/2019. Comments received from Sh. Aditya Deo, D.V. Deo Industries; Sh.Rafiq Hazi, S H Kelkar and Company Limited; Rohit Seth, Seth Brothers (Perfumers) Pvt. Ltd; and Dr G S Ranade are placed as **Annex-VII**Sh. SV Shukla shared Working Draft which is placed as **Annex-VIII**The Committee NOTED that Agenda item 3 (iv) that the Doc. PCD 18(14870)P Incense Sticks Agarbatti ̶ Specification was circulated on... and the comments received from Sh. Aditya Deo, D.V. Deo Industries; Sh.Rafiq Hazi, S H Kelkar and Company Limited; Rohit Seth, Seth Brothers (Perfumers) Pvt. Ltd; and Dr G S Ranade on the document.After detailed deliberations, the Committee DECIDED that a negative list of ingredients for use in manufacture of Agarbattis will be incorporated instead of IFRA listand CONSTITUTED a panel with the following composition:1. Sh SV Shukla, FFDC, Kannauj (Coordinator)
2. Dr Renuka Thergaonkar, ISCC, Mumbai
3. Smt Nisha Bura, Sc-D, JKBO, BIS
4. Sh Deepak Lodhwal, Sc-C, Member Secretary, PCD 18.

The committee REQUESTED the panel to consider comments received and to provide a draft within **1 month** (15 February 2021), so that the document may be circulated in to wide circulation for 1 month.Sh Rohit informed that pest repellents though are available in market, they are not Agarbattis and hence the term ‘Agarbatti’ included in Cl 1.2 of the draft may become misleading. He requested to delete the term ‘Agarbatti’ from ‘such types of Agarbattis’ from the scope of the IS. The committee AGREED and DECIDED that Cl. 1.2 of the draft may be rephrased as follows- *“This draft standard does not cover other incense items like cone, logs, etc. and pest repellents in any form”* | Document for wide circulation not received from the panel. |
| 4.5 |  **PCD 18 (2860) C Oil of Tagetes minuta (New Draft Standard)** | Dr. Vijay Kant Agnihotri, CSIR-IHBT to review all the comments received on the draft and prepared the revised draft addressing the comments and provide the revised draft to BIS Sectt. within 15 days for issue into Wide Circulation for 60 days.Document received from Dr. Vijay Kant Agnihotri, CSIR-IHBT is placed as **Annex-IX** The Committee NOTED Item 3, (v) of the Agenda about the comments received from Dr. Vijay Kant Agnihotri, CSIR-IHBT and DECIDED to issue the modified draft into wide circulation once again, for a period of 2 months. The committee also REQUESTED BIS Sectt. to send the document for printing in case no comments are received on the WC draft, within the stipulated period.Email dated 25.8.2021 sent to Dr Vijay Kant Agnihotri, CSIR-IHBT for providing additional information .Reply awaited from Vijay Kant Agnihotri, CSIR-IHBT. Draft prepared by BIS based on his document is given below. | ***The Committee may DELIBERATE***  |
| 4.6 | **Sl. No. 3.6- Gap Analysis of Indian Standards viz-a-viz Indian Pharmacopeia Monographs on Essential Oils**  | **Sl. No. 3.6- Gap Analysis of Indian Standards viz-a-viz Indian Pharmacopeia Monographs on Essential Oils** The CommitteeCONSIDERED ITEM 3.6 of the agenda and recommendations of Smt. Bhuvana Nageshwaran, M/s Ultra International Ltd. to adopt ISO 770:2002 under dual numbering of IS 328:2016. After detailed deliberations, the Committee not agreed to adopt ISO Standard and DECIDED to revise Indian Standard with Optical Rotation parameter as +0º to +10º at 20ºC, Cineole content as 60 to 80% (1,8 cineole by GC Method) and other requirements based on Indian variety available throughout the country. The Committee, therefore, REQUESTED Sh. Aditya Deo, M/s. D.V. Deo Industries to accordingly prepare the draft revision of IS 328 and provide to BIS Sectt. within 15 days for issue into wide circulation for 60 days.Regarding revision of IS 528 Mentha Oil, the Committee REQUESTED Sh. S. V. Shukla, FFDC to prepare the draft revision of IS 528 based on the Comparison Chart of Mentha Oil (IS viz-a-viz ISO Standard and IP Monograph) and provide to BIS Sectt. within 15 days for issue into wide circulation for 60 days. | Inputs for draft revision of IS 328 is awaited form Sh. Aditya Deo, M/s. D.V. Deo Industries andInputs for draft revision of IS 528 Mentha Oil are awaited from Sh. S. V. Shukla, FFDC. |
| 4.7 | **(i) Revision of IS 326 (Part 19/Sec 1) and IS 326 (Part 19/Sec 2) to include GC column geometry specifications** | **(i) Revision of IS 326 (Part 19/Sec 1) and IS 326 (Part 19/Sec 2) to include GC column** The Committee NOTED that inputs for draft revision of IS 326 (Part 19/Sec 2) are awaited from Dr. V.K. Agnihotri, CSIR-IHBT and REQUESTED Dr. V.K. Agnihotri, CSIR-IHBT to provide the draft within 7 days so that BIS Sectt. may issue the document in to wide circulation for a period of 2 months. | The document is awaited. Reminder has been sent. |
| 4.8 | **Sl. No. 3.8- IS 327: 1991 Oil of lemongrass − Specification (second revision)** | **Sl. No. 3.8- IS 327: 1991 Oil of lemongrass − Specification (second revision)**The CommitteeCONSIDERED item 3.8 of the agenda and once again REQUESTED the Panel-04 to complete the work assigned on priority. Sh. S. V. Shukla, FFDC also AGREED to talk to the members of Panel-04 to provide the revised draft revision of IS 327:1991 at the earliest. **Composition of the Panel-04:**1. Dr. Mohan Lal, CSIR-NEIST, Jorhat **(Co-ordinator)**
2. Dr. Rajneesh Anand, CSIR-IIIM, Jammu

Expert from CAP, Dehradun |  |
| 4.9 | 1. **Formulation of Indian Standard on Air Fresheners**
 | The CommitteeCONSIDERED item 3.9 of the agenda. After detailed deliberations, the Committee AGREED to the request of Aerosol Promotion Council and DECIDED to co-opt them as Member Invitee for the subject ‘Air Fresheners’. The Committee also REQUESTED BIS Sectt. to start working on it. BIS Sectt. has contacted APC and requested for inputs. No response has been received from APC as of now. | . No response has been received from APC as of now. |
| 4.10 | **Determination of Fatty Acids in Natural and Synthetic Perfumery Materials by Gas Chromatography’** | **Doc. No.: PCD 18 (14314) P ‘Determination of Fatty Acids in Natural and Synthetic Perfumery Materials by Gas Chromatography’**In the previous meeting, the CommitteeCONSIDERED item 5.1 of the agenda and REQUESTED Dr. V.K. Varshney, FRI, Dehradun and Smt. Bhuvana Nageshwaran, Ultra International Ltd. to provide inputs on BIS queries highlighted in the P-Draft circulated to members within one week. The Committee REQUESTED BIS Sectt. to accordingly prepare the Wide Circulation Draft based on the inputs and issue the revised draft into wide circulation for 60 days. Revised draft received from Smt Bhuvana is placed as **Annex-XI**The Committee NOTED that Smt Bhuvana Nageshwaran has provided the revised draft document. After detailed deliberations,the committee REQUESTED BIS Sectt. to contact Dr Deepika Singh, IIIM to provide the data in consultation with Dr. Rajneesh Anand, IIIM so that BIS Sectt. may issue the document in to wide circulation for a period of 2 months. | Document has not been received from the experts. A remainder has been sent. |
| 4.11 |  |  |  |

**4.11** The Committee CONSIDERED the eight new work item proposals for formulation of Indian Standards and after detailed deliberations DECIDED as follows

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| 4.11 | **Latin Name** **/Common Name of EO** | **Decision of the Committee**  | **Remarks** |
| 1 | Daucus carota /Carrot Seed Oil | REQUESTED the following:1. 2 members of the committee representing manufacturers association
2. Director, CIMAP
3. Dr. VK Varshney, FRI
4. Director, CAP
5. Representative of FAFAI

to provide testing data of atleast 8 samples,derive the requirements within 1 month and provide both data and draft, so thatBIS Sectt. may issue the document in to wide circulation for a period of **2 months.** |  Inputs awaited |
| 2 | Boswellia serrata /Frankincense Oil | The Committee REQUESTED the representatives of FAFAI to send atleast 6 samples for testing to Dr. VK Varshney, FRI and based on the results they have to prepare and provide draft to BIS Sectt., within 1 month.Dr Ram Vishwakarma, Chairman has informed that he will provide contact details of representative from IIIM, Jammu so that he/she may coordinate with FRI and FAFAI. BIS sectt.has to send a mail to the representative of IIIM, Jammu intimating the Committees decision. | Inputs awaited |
| 3 | Oscimum scantum /Holy Basil Oil | After deliberating on the comments received from Smt Bhuvana Nageshwaran on the P Draft and REQUESTED BIS Sectt. to send these comments to IIIM seeking opinion and request them to provide their opinion by the end of 1 month. | Inputs awaited |
| 4 | Veleriana wallichi /Valerian Root Oil | NOTED that inputs are awaited from Dr. V.K. Agnihotri, IHBT andREQUESTED him to provide inputs within 1 month.Committee also REQUESTED BIS Sectt. to write to Director, NIEST; Director NBRI, Lucknow; Director, CIMAP and Director CAP for their inputs on the subject matter, within a month.  | Inputs awaited |
| 5 | Matricaria chamomilla /Blue Chamomile Oil | NOTED that Working draft on Blue Chamomile Oil is awaited from Dr. Vijay Kant Agnihotri, CSIR-IHBTand REQUESTED Director, CAP to provide samples to Dr. Agnihotri enabling him to prepare the draft by the end of 31st May, 2021. The draft received is to be issued into wide circulation by BIS Sectt.  | Inputs awaited |
| 6 | Juniperus communis /Juniper Berry Oil | NOTED that Working draft on Blue Chamomile Oil is awaited from Dr. Vijay Kant Agnihotri, CSIR-IHBT and REQUESTED Director, CAP to provide samples of berries t Inputs awaited o Dr. Agnihotri enabling him to provide technical data and the draft by the end of 28th February, 2021. | Inputs awaited |
| 7 | Lavandula angustifolia /Lavender Oil | NOTED that Working draft on Lavender Oil is awaited from IIIM Jammu and REQUESTED BIS Sectt. to follow up with IIIM, Jammu for providing the draft within one month. | Inputs awaited |