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| PETROLEUM, COAL & RELATED PRODUCTS DEPARTMENT | |
| RECOMMENDATIONS | | |
| PCD 01 : 1 : P1 - Panel for Instrumental Test Methods | | 4rd Meeting |
| Convener: Shri Santosh Dhaku Bhogale, HPCL | | Member Secretary: Shri Hari Mohan Meena |
| Meeting mode: Virtualheld on28th October 2024 | | |

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| **S. No** | **Standard** | **Status/ Recommendations on 28.10.2024** |
|  | Test Method for Vapor Pressure of Petroleum Products (Mini Method) (ASTM D5191) | Member Secretary informed that the draft is yet to be received from Dr. Vertika, IOCL.  Dr Vertika, IOCL informed that the reviewed draft will be submitted by 5th of November 2024. |
|  | Determination of aromatic hydrocarbon types in aviation turbine fuels, kerosene type and petroleum distillates—high performance liquid chromatography method with refractive index detection (ASTM D 6379) | The WG noted that the draft has been received from Shri Adalazhagan K, BPCL. After detailed deliberation, the WG accepted the draft as Working Draft. |
|  | Determination of aromatic hydrocarbon types in middle distillates - High performance liquid chromatography method with refractive index detection (IP 391) | Member Secretary informed that the draft is yet to be received from Dr. Dheer Singh, IOCL.  Dr. Dheer Singh informed over telephone that the draft will be provided within one week. |
|  | Determination of distillation characteristics of petroleum products by micro distillation method (ASTM D7345) | The WG noted that the draft has been received from Shri RM Prakash, MRPL. After detailed deliberation, the WG accepted the draft as Working Draft. |
|  | Evaluation of Lubricity of Aviation Turbine Fuels by using the Ball-on-Cylinder Lubricity Evaluator (BOCLE) (ASTM D5001) | The WG noted that the draft has been received from Shri Santosh D Bhogale, HPCL. After detailed deliberation, the WG accepted the draft as Working Draft with following changes:   1. Fig 2 & 4 to be removed 2. Bias clause to be removed |
|  | Determination of trace impurities in monocyclic aromatic hydrocarbons with carbon number separation by gas chromatography method | The WG noted that the draft has been received from Shri Anil Kumar, BPCL. After detailed deliberation, the WG observed that some technical changes are required in the draft. Shri Anil Kumar agreed to re-submit the draft with incorporation of necessary changes within a week. |
|  | Determination of fatty acid methyl esters (FAME) content, derived from bio-diesel fuel, in aviation turbine fuel — GC-MS with selective ion monitoring/scan detection method | The WG noted that the draft has been received from Shri Narhar Deshpande, Nayara Energy. After detailed deliberation, the WG accepted the draft as Working Draft. |

Further, BIS was requested to put up these working drafts to the Sub Committee on 8th Novemeber 2024 along with the drafts, to be, received from Dr. Dheer Singh IOCL, Dr Vartika, IOCL and Shri Anil Kumar BPCL.