# BUREAU OF INDIAN STANDARDS

## Program of Work

### MSD 20 : REMCO-NMC

Scope: a) To formulate Indian standard on various documents emanating from ISO TC 334. b) To establish concepts, terms and definitions related to reference materials. c) To specify the basic characteristics of reference materials as required by their intended use. d) To propose actions on reference materials required to support other ISO activities. e) To prepare guidelines for ISO technical committees when dealing with reference material issues. f) To communicate with other international organizations on reference material matters. g) To Coordinate with ISO/TC 334 Reference material

Liaison: **ISO TC-334 (P):** *Reference materials* **ISO TC-334 (P):** *Reference materials*

## Published Standards

| S.No | IS No. | TITLE | Reaffirm M-Y | No. of Amds | Eqv. |
|---|---|---|---|---|---|
| 1 | IS/ISO/TR 10989:2009 ISO/TR 10989 ISO/TR 10989 | Reference materials Guidance on and keywords used for RM categorization | August, 2025 | - | Identical under single numbering |
| 2 | IS/ISO/TR 11773:2013 ISO/TR 11773 ISO/TR 11773 | Global distribution of reference materials | August, 2025 | - | Identical under single numbering |
| 3 | IS/ISO/TR 16476:2016 ISO/TR 16476:2016 ISO/TR 16476:2016 | Reference materials Establishing and expressing metrological traceability of quantity values assigned to reference materials | August, 2025 | - | Identical under single numbering |
| 4 | IS 19804:2026 | Approaches for the production of reference materials with qualitative properties | | - | |
| 5 | IS 19805:2026 | Guidance for the production of pure organic substance certified reference materials | | - | |
| 6 | IS 19806:2026 | Reference materials Approaches for characterization and assessment of homogeneity and stability | | - | |
| 7 | IS 19807:2026 | Reference materials — Contents of certificates, labels and accompanying documentation | | - | |
| 8 | IS 19808:2026 | Reference materials Requirements and recommendations for use | | - | |
| 9 | IS/ISO/TR 79:2015 ISO/TR 79:2015 ISO/TR 79:2015 | Reference materials - Examples of reference materials for qualitative properties | August, 2025 | - | Identical under dual numbering |
| 10 | IS/ISO GUIDE GUIDE:2015 | Reference Materials â€" Selected Terms and Definitions | September, 2024 | - | Identical under single numbering |

| | | | | | |
|---|---|---|---|---|---|
| | ISO GUIDE 30 : 2015<br>ISO Guide 30:2015 | | | | |

## Standards under Development

### Projects Approved

| SI. No. | Doc No. | Title |
|---|---|---|
| *No Records Found* | | |

### Preliminary Draft Standards

| SI. No. | Doc No. | Title |
|---|---|---|
| *No Records Found* | | |

### Drafts Standards in WC Stage

| SI. No. | Doc No. | Title |
|---|---|---|
| 1 | MSD 20 (27965) | Reference Materials Used in Testing of Coefficient of Retro Reflection of Retroreflective Signage Sheets |
| 2 | MSD 20 (28005) | Good Practice in Reference Material Preparation |

### Draft Standards Completed WC Stage

| SI. No. | Doc No. | Title |
|---|---|---|
| *No Records Found* | | |

### Finalized Draft Indian Standard

| SI. No. | Doc No. | Title |
|---|---|---|
| *No Records Found* | | |

### Finalized Draft Indian Standards under Print

| SI. No. | Doc No. | Title |
|---|---|---|
| 1 | MSD 20 (19186) | Reference materials Establishing and expressing metrological traceability of quantity values assigned to reference materials |
| 2 | MSD 20 (19197) | Reference materials - Examples of reference materials for qualitative properties |
| 3 | MSD 20 (22007) | Global distribution of reference materials |
| 4 | MSD 20 (22089) | Reference materials Guidance on and keywords used for RM categorization |
| 5 | MSD 20 (28730) | Reference materials Requirements and recommendations for use |
| 6 | MSD 20 (28731) | Reference materials Approaches for characterization and assessment of homogeneity and stability |
| 7 | MSD 20 (28732) | Approaches for the production of reference materials with qualitative properties |
| 8 | MSD 20 (28733) | Guidance for the production of pure organic substance certified reference materials |
| 9 | MSD 20 (33692) | Reference materials Contents of certificates labels and accompanying documentation |

**Total Published Standards:10  Total Standards Under development:11**

## Aspect Wise Report

Product : 0
Code of Practices : 0
Methods of Test : 0
Terminology : 1
Dimensions : 0
System Standard : 2

Safety Standard : 0
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 5

## Annexure-I :List of Indian Standards Withdrawn/Superseded

| SI. No. | IS No. & Year | Title |
|---|---|---|
| 1 | IS/ISO GUIDE GUIDE:2015 ISO GUIDE 31 : 2015<br><br>Decision taken to Reaffirm and Archive ISO Guide 31:2015 | Reference Materials Contents of Certificates Labels and Accompanying Documentation |
| 2 | IS/ISO GUIDE GUIDE:2015 ISO GUIDE 33 : 2015<br><br>Decision taken to Reaffirm and Archive ISO Guide 33:2015 | Reference Materials Good Practice in Using Reference Materials |
| 3 | IS/ISO GUIDE GUIDE:2017 ISO GUIDE 35 : 2017<br><br>Decision taken to Reaffirm and Archive ISO Guide 35:2017 | Reference Materials Guidance for Characterization and Assessment of Homogeneity and Stability |

## Annexure-II :List of Indian Product Standards

| SI. No. | IS No. & Year | Title |
|---|---|---|
| *No Records Found* | | |