

**Fwd: MHDC approval for Indian Standards - regarding**

**From :** Head MHD BIS <hmhd@bis.gov.in>  
**Subject :** Fwd: MHDC approval for Indian Standards - regarding  
**To :** MHDtTWENTY Medical Equipment Department <mhd20@bis.gov.in>

Tue, Feb 06, 2024 02:30 PM

**From:** shekharc57@yahoo.com  
**To:** "Head MHD BIS" <hmhd@bis.gov.in>  
**Sent:** Tuesday, February 6, 2024 2:11:50 PM  
**Subject:** Re: MHDC approval for Indian Standards - regarding

Approved  
 Chander Shekhar  
 Sent from my iPhone

On 06-Feb-2024, at 10:39 AM, Head MHD BIS <hmhd@bis.gov.in> wrote:

**Subject:** MHDC approval for Indian Standards - regarding

Respected Sir,

The final proof for the following documents have been received from Publication department, BIS

S No	Document No.	Designation	Title
1	MHD/20/24142	IS/ISO 20391-1 : 2018	Biotechnology Cell counting Part 1: General guidance on cell counting methods
2	MHD/20/24134	IS 18607 : 2024/ISO 24421 : 2023	Biotechnology Minimum requirements for optical signal measurements in photometric methods for biological samples
3	MHD/20/24145	IS/ISO 20404 : 2023	Biotechnology Bioprocessing General requirements for the design of packaging to contain cells for therapeutic use
4	MHD/20/24140	IS/ISO 20397-2 : 2021	Biotechnology Large Scale parallel sequencing Part 2: Quality evaluation of sequencing data
5	MHD/20/24143	IS/ISO 20391-2 : 2019	Biotechnology Cell counting Part 2: Experimental design and statistical analysis to quantify counting method performance
6	MHD/20/24137	IS/ISO/TS 23367-1 : 2022	Nanotechnologies Performance characteristics of nanosensors for chemical and biomolecule detection Part 1: Detection performance
7	MHD/20/24146	IS 18617 : 2024/ISO 23033 : 2021	Biotechnology Analytical methods General requirements and considerations for the testing and characterization of cellular therapeutic products
8	MHD/20/24141	IS/ISO/TR 17302 : 2015	Nanotechnologies Framework for identifying vocabulary development for nanotechnology applications in human healthcare
9	MHD/20/24131	IS/ISO 20395 : 2019	Biotechnology Requirements for evaluating the performance of quantification methods for nucleic acid target sequences qPCR and dPCR
10	MHD/20/24144	IS 18609 : 2024/ISO 20399 : 2022	Biotechnology Ancillary materials present during the production of cellular therapeutic products and gene therapy products
11	MHD/20/24138	IS/ISO 20397-1 : 2022	Biotechnology Large Scale parallel sequencing Part 1: Nucleic acid and library preparation

In accordance with sub-rule (5) of Rule 22 of the BIS Rules 2018, the documents mentioned above have been finalized by Medical Biotechnology and Medical Nanotechnology Sectional Committee, MHD 20 and approved by the Chairperson. (copy of approval attached).

For adoption of the above documents as Indian Standards, it is requested to kindly give your approval on behalf of MHDC.

With thanks and regards,

**A.R. UNNIKRISHNAN**  
 Scientist G & Head (MHD)



<SC Approval.pdf>