IS 2556:1994 VITEROUS SANITARY APPLIANCES (VITEROUS CHINA) – SPECIFICATION
PART 5 SPECIFIC REQUIREMENTS OF LABORATORY SINKS
(Third Revision)

Laboratory sinks made from Vitreous China are durable, high-quality fixtures designed specifically for laboratory use. They are used where resistance to chemicals, heat, and heavy use is essential. They are made from a smooth, non-porous ceramic material and are highly resistant to staining and scratching and also easy to clean and maintain.

The vitreous china coating provides an added layer of durability and a glossy finish, enhancing both the aesthetic and functional qualities of the sink. Typically, these sinks are equipped with well-designed drainage systems, including waste outlets and overflow options, to efficiently handle various liquids and prevent clogs. This combination of strength, resistance, and functionality makes vitreous china sinks a preferred choice in scientific, medical, and industrial laboratory settings.

BIS first published IS 2556 Part 5 for laboratory sinks in the year 1963. This standard has been revised first in 1967, second in 1979 and third in 1994 to incorporate and modify the requirements needed as per current industrial needs.

The standard specifies the general requirements for the design, dimensions, and construction quality of laboratory sinks. It specifies five standard sizes for sinks with the inside surface required to be smooth for efficient draining and easy cleaning. The standard also recommends sampling and inspection protocols as outlined in IS 9140 to ensure that each lot of sinks meets the quality criteria.

This standard ensures that laboratory sinks are constructed to meet the high standards necessary for laboratory environments, with robust materials and precise design features.