

IS 17631: 2022 – Work Chairs: Specification

This standard sets requirements for office work chairs, including dimensions, durability, stability, and safety features. Designed for adult use, it covers both fully assembled and ready-to-assemble units. Key criteria include resistance to mechanical damage, impact, and stress under loads up to 1,600 N in various seat, back, and armrest configurations. Stability testing ensures chairs withstand typical and extreme use without toppling. The standard also prescribes surface finish requirements for resistance to wear, heat, and liquid marking. Test protocols for durability simulate long-term usage to assess the resilience of materials, covering different cycles for load-bearing parts to verify compliance in high-use office environments.