TANZANIA BUREAU OF STANDARDS DIRECTORATE OF STANDARDS DEVELOPMENT CHEMICAL SECTION DRAFT TANZANIA STANDARDS ON MEDICAL DEVICES FOR STAKEHOLDERS COMMENTS

SN	TITLE	SCOPE
1	CDC 21 (917) DTZS/ISO 5832-1:2016 Implants for surgery-Metallic materials-Part 1: Wrought stainless steel.	This part of ISO 5832 specifies the characteristics of, and corresponding test methods for, wrought stainless steel for use in the manufacture of surgical implants. NOTE 1 The mechanical properties of a sample obtained from a finished product made of this alloy can differ from those specified in this part of ISO 5832. NOTE 2 The alloy described in this part of ISO 5832 corresponds to UNS S31673 referred to in ASTM F138/ASTM F139 and to alloy code 1.4441 given in the withdrawn DIN 17443.
2	CDC 21 (918) DTZS/ ISO 5832-2:2018 Implants for surgery-Metallic materials-Part 2: Unalloyed titanium.	This document specifies the characteristics of, and corresponding test methods for, unalloyed titanium for use in the manufacture of surgical implants. Six grades of titanium based on tensile strength are listed in Table 2. NOTE The mechanical properties of a sample obtained from a finished product made of this metal do not necessarily comply with those specified in this document.
3	CDC 21 (920) DTZS /ISO 5832-3:2016 Implants for surgery-Metallic materials-part 3: Wrought Titanium 6- Aluminium 4-Vanadium alloy.	This part of ISO 5832 specifies the characteristics of, and corresponding test methods for, the wrought titanium alloy known as titanium 6-aluminium 4-vanadium alloy (Ti 6-AI4-V alloy) for use in the manufacture of surgical implants. NOTE The mechanical properties of a sample obtained from a finished product made of this alloy may not necessarily comply with the specifications given in this part of ISO 5832.
4	CDC 21 (921) DTZS/ISO 5832-4:2014 Implants for surgery-Metallic materials-Part 4: Cobalt-Chromium Molybdenum casting alloy.	This part of ISO 5832 specifies the characteristics of, and corresponding test methods for, cobaltchromium-molybdenum casting alloy for use in the manufacture of surgical implants. NOTE The mechanical properties of a sample obtained from a finished product made of this alloy might not necessarily comply with the specifications given in this part of ISO 5832

5	CDC 21 (922) DTZS/ ISO 5832-5:2005 Implants for surgery-Metallic materials-Part 5: Wrought Cobalt- Chromium-Tungsten-Nickel alloy.	This part of ISO 5832 specifies the characteristics of, and corresponding test methods for, wrought cobaltchromium-tungsten-nickel alloy for use in the manufacture of surgical implants. NOTE The tensile properties of a sample obtained from a finished product made of this alloy might not necessarily comply with those specified in this part of ISO 5832.
6	CDC 21 (923) DTZS/ ISO 5832-6:1997 Implants for surgery-Metallic materials-Part 6: Wrought Cobalt-Nickel- Chromium-Molybdenum alloy.	This part of ISO 5832 specifies the characteristics of, and corresponding test methods for, wrought cobalt-nickelchromium- molybdenum alloy for use in the manufacture of surgical implants. NOTE - The mechanical properties of a Sample obtained from a finished product made of this alloy may not necessarily comply with the specifications given in this part of ISO 5832.
7	CDC 21 (925) DTZS/ ISO 5832-7: 2016 Implants for surgery-Metallic materials-Part 7: Forgeable and cold- formed Cobalt-Chromium-Nickel-Molybdenum-Iron alloy.	This document specifies the characteristics of, and corresponding test methods for, forgeable and coldformed cobalt-chromium-nickel-molybdenum-iron alloy for use in the manufacture of surgical implants. NOTE The mechanical properties of a sample obtained from a finished product made of this alloy do not necessarily comply with those specified in this document.