



STANDARDS ASSOCIATION OF ZIMBABWE

STANDARDS RELEVANT TO THE WATER INDUSTRY

STANDARD NUMBER	TITLE	PRICE US \$
SAZS 457:1995	Natural mineral water	13
SAZS 477:1996	Water quality – Examination and determination of colour	8
SAZS 478:1995	Water quality – Determination of turbidity	8
SAZS 479:1995	Water quality – Determination of chloride – Silver nitrate titration with chromate indicator (MOHR's Method)	8
SAZS 480:1995	Water quality – Determination of sulfate – Gravimetric method using barium chloride	10
SAZS 481:1995	Water quality – Determination of nitrate – Spectrometric method using sulfosalicylic acid	8
SAZS 482:1995	Water quality – Determination of nitrite – Molecular absorption spectrometric method	8
SAZS 483:1995	Water quality – Determination of ammonium – Distillation and titration method	8
SAZS 484:1995	Water quality – Determination of calcium content EDTA titrimetric method	8
SAZS 485:1995	Water quality – Determination of the sum of calcium and magnesium – EDTA Titrimetric method	8
SAZS 486:1995	Water quality – Determination of iron- Spectrometric method using 1,10 – phenanthroline	8
SAZS 487:1995	Water quality – Determination of manganese – Formaldoxime spectrometric method	8
SAZS 488:1995	Water quality – Determination of cobalt , nickel , zinc , copper, cadmium and lead – Flame atomic absorption spectrometric methods	13
SAZS 489:1996	Water quality – Determination of phosphorus – Ammonium molybdate spectrometric method	16
SAZS 490:1995	Water quality – Determination of fluoride – Electrochemical probe method for potable and lightly polluted water	8
SAZS 491:1996	Water quality – Guidelines for the determination of total organic carbon (TOC)	8
SAZS 492:1995	Water quality – Determination of total arsenic – Silver diethyldithiocarbamate spectrometric method	8
SAZS 493:1996	Water quality – Determination of cyanide as cyanogens chloride	8
SAZS 494:1996	Water quality – Determination of chromium – Atomic absorption spectrometric methods	10
SAZS 495:1995	Water quality – Determination of chemical oxygen demand	8

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SAZS 496:1995	Water quality – Determination of biochemical oxygen demand after 5 days (BOD5) – Dilution and seeding method	10
SAZS 497:1995	Water quality – Determination of total mercury by flameless atomic absorption spectrometric method after digestion with bromine	10
SAZS 558:1999	Waste water	18
SAZS 560:1997	Water for domestic supplies	13
SAZS 572:1998	Waste water – Determination of temperature	7
SAZS 573:1997	Waste water – Determination of dissolved oxygen	8
SAZS 574:1997	Waste water – Determination of chemical oxygen demand	8
SAZS 575:1997	Waste water – Determination of oxygen absorbed	7
SAZS 576:1997	Waste water – Determination of total suspended solids, total dissolved solids and total solids	7
SAZS 577:1997	Water quality – Determination of total dissolved solids – conductivity method	7
SAZS 578:1997	Water quality – Determination of sulfate content - Turbidimetric methd	8
SAZS 579:1997	Waste water – Determination of calcium and magnesium content – Titrimetric method	7
SAZS 580:1997	Water quality – Determination of sodium and potassium – Flame emission spectrometry	8
SAZS 581:1998	Waste water – Determination of soap, oil or grease	7
SAZS 582:1997	Waste water – Determination of free and saline ammonia	7
SAZS 583:1997	Waste water – Determination of arsenic content – Gutzeit method	8
SAZS 584:1997	Waste water – Determination of barium content Part 1: Turbidimetric method Part 2: Direct nitrous oxide-acetylene	8 8
SAZS 585:1997	Waste water – Determination of boron content – UV spectrometric method	7
SAZS 586:1997	Waste water – Determination of cadmium content – Dithizone method	8
SAZS 587:1997	Waste water – Determination of chlorides content Part 1:Titrimetric method Part 2: Mercuric nitrate method	7 8

SAZS 588:1997	Water quality – Determination of residual chlorine Part 1: Amperometric titration method Part 2: DPD colorimetric method	8 10
SAZS 589:1997	Waste water – Determination of total chromium content (as Cr)	8
SAZS 590:1997	Waste water – Determination of copper content – UV spectrometric method after complexation	8
SAZS 591:1997	Waste water – Determination of cyanides content Part 1: UV spectrometric method Part 2: Titrimetric method	7 10
SAZS 592:1998	Water quality – Determination of anionic surfactants by measurement of the methylene blue index (MBAS)	10
SAZS 593:1997	Water quality – Determination of non-ionic surfactants using Dragendorff reagent	10
SAZS 594:1997	Waste water – Determination of fluoride content Part 1: Ion-selective electrode method Part 2: Nessler tube method	10 7
SAZS 595:1997	Waste water – Determination of lead content – UV spectrometric method using dithizone	8
SAZS 596:1997	Water quality – Determination of manganese content – Persulfate colorimetric method	8
SAZS 597:1997	Waste water – Determination of mercury content Part 1: Cold vapour atomic absorption spectrometry Part 2: UV spectrometric method	8 8
SAZS 598:1997	Waste water – Determination of nickel content – UV spectrometric method after complexation with dimethylglyoxime	8
SAZS 599:1997	Waste water – Determination of total nitrogen content – Kjeldahl distillation using selenium catalyst	

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SAZS 600:1997	Waste water – Determination of phenolic compounds content (as phenol) – UV spectrometric analysis	7
SAZS 601:1997	Waste water – Determination of sulfides content – Titrimetric method	7
SAZS 602:1997	Water quality – Determination of zinc content – UV spectrometric method	8
SAZS 603:1997	Waste water - Determination of total phosphates content (as P)	8
SAZS 604:1997	Water quality – Determination of total chromium (VI)	8
SAZS 605:1997	Water quality – Determination of selenium – Atomic absorption spectrometric method (hydride technique)	10
SAZS 606:1997	Water quality – Determination of alkalinity – Titrimetric method	10
SAZS 626:1997	Water quality – Determination of iron, manganese , potassium and sodium content – Direct air – acetylene flame method	16
SAZS 627:1997	Waste water – Determination of sodium content – Flame photometric method	7
SAZS 628:1997	Water quality - Determination of potassium content – Flame photometric method	8
SAZS 629:1997	Water quality – Detection and enumeration of coliform organisms, thermotolerant coliform organisms and presumptive Escherichia coli Part 1:1997 Membrane filtration method Part 2:1997 Multiple tube (most probable number) method Part 3: 2004 Defined substrate technology (Colilert) method	13 13 13
SAZS 641:1997	Water quality – Determination of total hardness of water – Ethylene diamine tetra-acetic acid (EDTA) method	8
SAZS 642:1998	Water quality – Determination of calcium content – Direct flame atomic absorption	8
SAZS 643:1997	Water quality – Determination of electrical conductivity	7
SAZS 681:2001	Water quality – Determination of atrazine and other nitrogen and	

	phosphorus containing pesticides in water by gas chromatography with nitrogen-phosphorus detector	13
SAZS 682:1999	Water quality – Determination of organochlorine pesticides – Liquid-liquid extraction gas chromatographic method	13
SAZS 683:2000	Water quality – Determination of N-Methylcarbamoyloximes and N-Methylcarbamates-Direct aqueous injection HPLC with post column derivatization	10
SAZS 699:2000	Waste water – Determination of residual organophosphorus pesticides-Gas chromatographic method	8
SAZS 711:2000	Water quality – Determination of chlorinated phenoxy acids and other acidic herbicides by gas chromatography	13
SAZS 722:1998	Water quality – Determination of sodium by atomic absorption spectrometry	8
SAZS 723:1998	Water quality – Determination of phenol index-4-aminoantipyrine spectrometric methods after distillation	13