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**The Standards Act**  
(Cap 416)

**Notice**

IT IS HEREBY NOTIFIED for the public information that in exercise of the powers conferred upon the Zambia Bureau of Standards by the Standards Act (Cap 416), the documents listed in schedule below have been declared *Zambian Standards*.

Copies of the standards are obtainable at the Zambia Bureau of Standards Documentation and Information Centre, Freedom way, South End, P.O. Box 50259, Lusaka. Telephone: 260 211 231385 / 227075. Email: info@zabs.org.zm

LUSAKA  
24th August 2017

M. MUTALE,  
*Director,*  
*Zambia Bureau of Standards*

SCHEDULE

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| <i>SI No.</i> | <i>ZS No.</i>  | <i>Title of Standard (s)</i>  |
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| 124.          | ZS ISO 12575-2: 2007   | Thermal insulation products – Exterior insulating systems for foundations – Part 2: Principal responsibilities of installers   |
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| 177.          | ZS ISO 11855-3:<br>2012    | Building environment design — Design, dimensioning, installation and control of embedded radiant heating and cooling systems — Part 3: Design and dimensioning   |
| 178.          | ZS ISO 11855-4:<br>2012    | Building environment design — Design, dimensioning, installation and control of embedded radiant heating and cooling systems — Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) |
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| 200.          | ZS EN 1057                        | Copper and Copper Alloys- Seamless, round copper tubes for water and gas in sanitary and heating application  |
| 201.          | ZS EN 1254                        | Copper and copper alloys. Plumbing fittings. Fittings with ends for capillary soldering or capillary brazing to copper tubes  |
| 202.          | ZS EN 1264-2                      | Water based surface embedded heating and cooling system- part 2: Floor heating: prove method for the determination of thermal output using calculation and test method          |
| 203.          | ZS EN 15243                       | Ventilation for the buildings- Calculation of room temperature and of load and energy for buildings with room conditioning systems  |
| 204.          | ZS EN 7726                        | Ergonomics of thermal environment- Instruments for measuring physical quantities  |
| 205.          | ZS IEC 60050-351                  | International electro technical/ vocabulary- Part 351: Automatic Control  |
| 206.          | ZS IEC 60529:1989                 | Degrees of protection provided by enclosures (IP Code)  |
| 207.          | ZS IEC 60664-1:1992               | Insulation coordination for equipment within low- Voltage Systems- Part 1: Principles, requirements and tests   |
| 208.          | ZS IEC 60715:1981                 | Dimensions of low voltage switch gear and control gear standardized mounting on rails for mechanical support of electrical devices in switchgear and control gear installations |
| 209.          | ZS IEC 61131-3:2003               | Programmable Controllers- Part 3: Programming Languages   |
| 210.          | ZS IEC 62305-4                    | Protection against lightning- Part 4: Electrical and Electronic Systems within Structures   |
| 211.          | ZS ISO 6243                       | Climatic data for building design- proposed system of symbols   |
| 212.          | ZS ISO 6707-1:2014                | Building and Civil Engineering Work- Vocabulary- Part 1: General Terms  |
| 213.          | ZS ISO 6781-1:1983                | Thermal Insulation- Qualitative detection of thermal irregularities in building envelopes- Infrared method  |
| 214.          | ZS ISO 6946:2007                  | Building Components and Building Elements- Thermal resistance and thermal transmittance- Calculation method   |
| 215.          | ZS ISO 8301:1991                  | Thermal Insulation- Determination of steady state thermal resistance and related properties- Heat flow meter apparatus  |
| 216.          | ZS ISO 8302:1991                  | Thermal Insulation- Determination of steady state thermal resistance and related properties- Guarded hot plate apparatus  |

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| 217.          | ZS ISO 8990: 1994              | Thermal Insulation- Determination of steady- state thermal transmission properties- Calibrated and guarded hot box  |
| 218.          | ZS ISO 9346                    | Hygrothermal performance of buildings and building materials- Physical quantities for mass transfer- Vocabulary   |
| 219.          | ZS ISO 10508: 2006             | Plastics piping systems for hot and cold water installations- Guidance for classification and design  |
| 220.          | ZS ISO 12655                   | Energy Performance of buildings- Presentation of measured energy use of buildings   |
| 221.          | ZS ISO 12831                   | Heating systems in buildings- Method for calculation of the design method   |
| 222.          | ZS ISO 14050                   | Environmental Management Vocabularies   |
| 223.          | ZS ISO 15392                   | Sustainability in building construction- General Principles   |
| 224.          | ZS ISO 15874-1                 | Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 1: General   |
| 225.          | ZS ISO 15874-2                 | Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 2: Pipes   |
| 226.          | ZS ISO 15874-3                 | Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 3: Fittings  |
| 227.          | ZS ISO 15874-5                 | Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 5: Fitness for purpose of the system                               |
| 228.          | ZS ISO 15874-7                 | Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 7: Guidance for the assessment of conformity                       |
| 229.          | ZS ISO 15875-1 Part 1: General | Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) —  |
| 230.          | ZS ISO 15875-2                 | Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) — Part 2: Pipes  |
| 231.          | ZS ISO 15875-3                 | Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) — Part 3: Fittings   |
| 232.          | ZS ISO 15875-5                 | Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) — Part 5: Fitness for purpose of the system                  |
| 233.          | ZS ISO 15876-1                 | Plastics piping systems for hot and cold water installations — Polybutylene (PB) — Part 1: General  |
| 234.          | ZS ISO 15876-2                 | Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 2: Pipes  |
| 235.          | ZS ISO 15876-3                 | Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 3: Fittings   |
| 236.          | ZS ISO 15876-5                 | Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 5: Fitness for purpose of the system                                  |
| 237.          | ZS ISO 15876-7                 | Plastics piping systems for hot and cold water installations — Polybutylene (PB) — Part 7: Guidance for the assessment of conformity                        |
| 238.          | ZS ISO 15877-1                 | Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 1: General                                   |
| 239.          | ZS ISO 15877-2                 | Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 2: Pipes                                     |
| 240.          | ZS ISO 15877-3                 | Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 3: Fittings                                  |
| 241.          | ZS ISO 15877-5                 | Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 5: Fitness for purpose of the system         |
| 242.          | ZS ISO 15877-7                 | Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 7: Guidance for the assessment of conformity |
| 243.          | ZS ISO 15927-1                 | Hygrothermal performance of buildings- calculation and presentation of climatic data- Part 1: Monthly means of a single meteorological elements             |
| 244.          | ZS ISO 16484- 2                | Building Automation and Control Systems (BACS)- Part 2: Hardware  |
| 245.          | ZS ISO 16484- 3                | Building Automation and Control Systems (BACS)- Part 3: Functions   |
| 246.          | ZS ISO 16484- 5                | Building Automation and Control Systems (BACS)- Part 5: Data Communication Protocol   |
| 247.          | ZS ISO 16484- 6                | Building Automation and Control Systems (BACS)- Part 6: Data Communication Conformance Testing  |
| 248.          | ZS ISO 16813                   | Building Environment Design- Indoor Environment- General Principles   |
| 249.          | ZS ISO 21003-1                 | Multilayer piping systems for hot and cold water installations inside buildings — Part 1: General   |
| 250.          | ZS ISO 21003-2                 | Multilayer piping systems for hot and cold water installations inside buildings — Part 2: Pipes   |



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| 251.          | ZS ISO 21003-3            | Multilayer piping systems for hot and cold water installations inside buildings — Part 3: Fittings   |
| 252.          | ZS ISO 21003-5            | Multilayer piping systems for hot and cold water installations inside buildings — Part 5: Fitness for purpose of the system  |
| 253.          | ZS ISO 21003-7            | Multilayer piping systems for hot and cold water installations inside buildings — Part 7: Guidance for the assessment of conformity                                      |
| 254.          | ZS ISO 22391-1            | Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 1: General                                   |
| 255.          | ZS ISO 22391-2            | Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes                                     |
| 256.          | ZS ISO 22391-3            | Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 3: Fittings                                  |
| 257.          | ZS ISO 22391-5            | Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 5: Fitness for purpose of the system         |
| 258.          | ZS ISO 22391-7            | Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 7: Guidance for the assessment of conformity |
| 259.          | ZS ISO/ IEC 10746-2: 1998 | Information technology- Open systems interconnections- Open Distributed processing- Reference model- Part 2: Foundations   |
| 260.          | ZS ISO/ IEC 2382-1: 1993  | Information technology- vocabulary- Part 1: Fundamental terms  |
| 261.          | ZS ISO/ IEC 2382-18: 1999 | Information technology- vocabulary- Part 18: Distributed data processing   |
| 262.          | ZS ISO/ IEC 2382-26: 1993 | Information technology- vocabulary- Part 26: Open Systems Interconnection  |
| 263.          | ZS ISO/ IEC 7498-1: 1994  | Information technology- Open systems interconnections- Basic reference model- part 1: The basic model  |
| 264.          | ZS ISO/ IEC Guide 2: 1996 | Standardization and related activities- General vocabulary   |
| 265.          | ZS ITU-T L.1010           | Green battery solutions for mobile phones and other hand-held information and communication technology devices   |
| 266.          | ZS ITU-T L.1100           | Procedure for recycling rare metals in information and communication technology goods  |
| 267.          | ZS ITU-T L.1101           | Measurement methods to characterize rare metals in information and communication technology goods  |
| 268.          | ZS ITU-T L.1102           | Use of printed labels for communicating information on rare metals in information and communication technology goods   |
| 269.          | ZS ITU-T L.1200           | Direct current power feeding interface up to 400 V at the input to telecommunication and ICT equipment   |
| 270.          | ZS ITU-T L.1300           | Best practices for green data centres  |
| 271.          | ZS ITU-T L.1301           | Minimum data set and communication interface requirements for data centre energy management  |
| 272.          | ZS ITU-T L.1302           | Assessment of energy efficiency on infrastructure in data centres and telecom centres  |
| 273.          | ZS ITU-T L.1310           | Energy efficiency metrics and measurement methods for telecommunication equipment  |
| 274.          | ZS ITU-T L.1321           | Reference operational model and interface for improving energy efficiency of ICT network hosts   |
| 275.          | ZS ITU-T L.1325           | Green ICT solutions for telecom network facilities   |
| 276.          | ZS ITU-T L.1330           | Energy efficiency measurement and metrics for telecommunication networks   |
| 277.          | ZS ITU-T L.1350           | Energy efficiency metrics of a base station site   |
| 278.          | ZS ITU-T L.1320           | Energy efficiency metrics and measurement for power and cooling equipment for telecommunications and data centres  |
| 279.          | ZS ITU-T L.1400           | Overview and general principles of methodologies for assessing the environmental impact of information and communication technologies                                    |
| 280.          | ZS ITU-T L.1410           | Methodology for environmental life cycle assessments of information and communication technology goods, networks and services  |
| 281.          | ZS ITU-T L.1420           | Methodology for energy consumption and greenhouse gas emissions impact assessment of information and communication technologies in organizations                         |
| 282.          | ZS ITU-T L.1430           | Methodology for assessment of the environmental impact of information and communication technology greenhouse gas and energy projects                                    |
| 283.          | ZS ITU-T L.1440           | Methodology for environmental impact assessment of information and communication technologies at city level  |

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| 284.          | ZS ITU-T L.1500         | Framework for information and communication technologies and adaptation to the effects of climate change   |
| 285.          | ZS ITU-T L.1501         | Best practices on how countries can utilize ICTs to adapt to the effects of climate change   |
| 286.          | ZS ITU-T L.1502         | Adapting information and communication technology infrastructure to the effects of climate change  |
| 287.          | ZS ITU-T L.1503         | Use of information and communication technology for climate change adaptation in cities  |
| 288.          | ZS ITU-T L.1700         | Requirements and framework for low-cost sustainable telecommunications infrastructure for rural communications in developing countries   |
| 289.          | ZS ITU-T Y.3021         | Framework of energy saving for future networks   |
| 290.          | ZS ETSI TR 102 530      | Reduction of energy consumption in telecommunications equipment and related infrastructure   |
| 291.          | ZS ETSI TS 102 533      | Measurement Methods and limits for Energy Consumption in Broadband Telecommunication Networks Equipment  |
| 292.          | ZS ETSI TS 102 706      | Environmental Engineering (EE) – Energy efficiency of wireless access network equipment  |
| 293.          | ZS ETSI EN 300 132-3-1  | Power supply interface at the input to telecommunications equipment; Part 3: Operated by rectified current source, alternating current source or direct current source up to 400 V   |
| 294.          | ZS ETSI TR 105 175-1-1  | Access, Terminals, Transmission and Multiplexing (ATTM); Broadband Deployment - Energy Efficiency and Key Performance Indicators   |
| 295.          | ZS ETSI TR 105 175-1    | Access, Terminals, Transmission and Multiplexing (ATTM); Plastic Optical Fibre System Specifications for 100 Mbit/s and 1 Gbit/s   |
| 296.          | ZS IEC 62321            | Electrotechnical Products – Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers).   |
| 297.          | ZS ISO/ZS IEC 8859-1    | Information technology – 8-bit single-byte coded graphic character sets – Part 1: Latin alphabet No. 1.  |
| 298.          | ZS IEC 60445            | Basic and safety principles for man-machine interface, marking, and identification – Identification of equipment terminals, conductor terminations, and conductors.  |
| 299.          | ZS IEC 61000-4-5        | Electromagnetic compatibility (EMC)–Part 4-5: Testing and measurement techniques – Surge immunity test.  |
| 300.          | ZS IEC 61000-4-29       | Electromagnetic compatibility (EMC) –Part 4-29: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests.   |
| 301.          | ZS ETSI EN 300 019-1-3  | Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-3: Classification of environmental conditions; Stationary use at weather protected locations.  |
| 302.          | ZS ETSI TR 102 489      | Environmental Engineering (EE); European telecommunications standard for equipment practice; Thermal Management Guidance for equipment and its deployment.   |
| 303.          | ZS ISO/ZS IEC 62040-3   | Uninterruptible Power Systems (UPS) – Part 3: Method of specifying the performance and test requirements.  |
| 304.          | ZS ITU-T L.1201         | Architecture of power feeding systems of up to 400 VDC.  |
| 305.          | ZS ITU-T L.1202         | Methodologies for evaluating the performance of up to 400 VDC power feeding system and its environmental impact.   |
| 306.          | ZS IEC 60038            | ZS IEC Standard Voltages.  |
| 307.          | ZS ATIS-0600015.02.2009 | Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting – Transport Requirements.   |
| 308.          | ZS ATIS-0600015.03.2009 | Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products.   |
| 309.          | ZS ETSI ES 203 215      | Environmental Engineering (EE) Measurement Methods and Limits for Power Consumption in Broadband Telecommunication Networks Equipment.   |
| 310.          | ZS ITU-T L.1204         | Extended architecture of power feeding systems of up to 400 VDC  |
| 311.          | ZS ETSI TS 123 203      | Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 12.6.0 Release 12).  |
| 312.          | ZS ETSI TS 125 104      | Universal Mobile Telecommunications System (UMTS); Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104).  |
| 313.          | ZS ETSI TS 132 405      | Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Performance Management (PM); Performance measurements; Universal Terrestrial Radio Access Network (UTRAN) (3GPP TS 32.405 version 12.0.0 Release 12). |

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| 314.          | ZS ETSI TS 132 412     | Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.412 version 12.0.0 Release 12). |
| 315.          | ZS ETSI TS 132 425     | LTE; Telecommunication management; Performance Management (PM); Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 12.0.0 Release 12).  |
| 316.          | ZS ETSI TS 136 104     | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 12.5.0 Release 12).   |
| 317.          | ZS ETSI TS 136 314     | LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Layer 2 – Measurements (3GPP TS 36.314 version 12.0.0 Release 12).  |
| 318.          | ZS ETSI TS 152 402     | Digital cellular telecommunications system (Phase 2+); Telecommunication management; Performance Management (PM); Performance measurements – GSM (3GPP TS 52.402 version 11.0.0 Release 11).   |
| 319.          | ZS ATIS-0600015.04     | Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant – Rectifier Requirements.  |
| 320.          | ZS ITU-T L.3           | Armouring of cables.   |
| 321.          | ZS ITU-T L.26          | Optical fibre cables for aerial application.   |
| 322.          | ZS ITU-T L.46          | Protection of telecommunication cables and plant from biological attack.   |
| 323.          | ZS ITU-T L.67          | Small count optical fibre cables for indoor applications.  |
| 324.          | ZS ITU-T Y.3001        | Future networks: Objectives and design goals   |
| 325.          | ZS ETSI TS 101 388     | Access Terminals Transmission and Multiplexing (ATTM); Accesstransmission systems on metallic access cables; Asymmetric Digital Subscriber Line (ADSL) -European specific requirements [ZS ITU-T Recommendation G.992.1 modified].   |
| 326.          | ZS ETSI EN 300 132-2   | Environmental Engineering (EE); Power supply interface at the input to telecommunications equipment; Part 2: Operated by direct current (dc)   |
| 327.          | ZS ETSI TS 101 270-1   | Transmission and Multiplexing (TM); Access transmission systems on metallic access cables; Very high speed Digital Subscriber Line (VDSL); Part 1: Functional requirements”.   |
| 328.          | ZS ETSI TS 145 005     | Digital cellular telecommunications system (Phase 2+); Radio transmission and reception (3GPP TS 45.005 Release 8).  |
| 329.          | ZS EN 50160            | Voltage characteristics of electricity supplied by public electricity networks”.   |
| 330.          | ZS ETSI TS 151 021     | Digital cellular telecommunications system (Phase 2+); Base Station System (BSS) equipment specification; Radio aspects (3GPP TS 51.021 Release 8).  |
| 331.          | ZS ETSI TS 125 141     | Universal Mobile Telecommunications System (UMTS); Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 8.3.0 Release 8).   |
| 332.          | ZS ETSI TS 125 101     | Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101).  |
| 333.          | ZS ETSI TS 136 101     | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101).   |
| 334.          | ZS ETSI TS 136 211     | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211)”.  |
| 335.          | ZS ETSI TS 136 141     | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 8.6.0 Release 8).  |
| 336.          | ZS IEEE 802.16e        | IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands”.                         |
| 337.          | ZS ETSI TS 105 175-1   | Access, Terminals, Transmission and Multiplexing (ATTM); Plastic Optical Fibre System Specifications for 100 Mbit/s and 1 Gbit/s.  |
| 338.          | ZS IEC 60793-2         | Optical fibres - Part 2: Product specifications - General.   |
| 339.          | ZS IEC 60793-2-40      | Optical fibres - Part 2-40: Product specifications - Sectional specification for category A4 multimode fibres.   |
| 340.          | ZS IEC 60794-2-40      | Optical fibre cables - Part 2-40: Indoor optical fibre cables – Family specification for A4 fibre cables.  |
| 341.          | ZS ETSI TS 105 175-1-2 | Access, Terminals, Transmission and Multiplexing (ATTM); Plastic Optical Fibres; Part 1: Plastic Optical Fibre System Specifications for 100 Mbit/s and 1 Gbit/s; Sub-part 2: 1 Gbit/s and 100 Mbit/s physical layer for Plastic Optical Fibres.                                 |
| 342.          | ZS EN 50173-1:11       | Information technology - Generic cabling systems -Part 1: General requirements.  |

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| 343.          | ZS EN 50173-4          | Information technology - Generic cabling systems -Part 4: Homes.   |
| 344.          | ZS IEEE 802.3          | IEEE™ Standard for Ethernet.   |
| 345.          | ZS ITU-T Y.1564        | Ethernet service activation test methodology.  |
| 346.          | ZS IEC 60825 series    | Safety of laser products.  |
| 347.          | ZS IEC 60793-1-47      | Optical fibres - Part 1-47: Measurement methods and test procedures -Macrobending loss.  |
| 348.          | ZS IEC 60794-2-41      | Optical fibre cables - Part 2-41: Indoor cables – Product specification for simplex and duplex buffered A4 fibres.   |
| 349.          | ZS IEC 61754-21        | Fibre optic connector interfaces - Part 21: Type SMI connector family for plastic optical fibre.   |
| 350.          | ZS IEC 61754-22        | Fibre optic connector interfaces - Part 22: Type F-SMA connector family”.  |
| 351.          | ZS IEC 61754-24        | “Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 24: Type SC-RJ connector family.   |
| 352.          | ZS IEC 60332           | Tests on electric and optical fibre cables under fire conditions.  |
| 353.          | ZS IEC 60884-1         | Plugs and socket-outlets for household and similar purposes - Part 1: General requirements.  |
| 354.          | ZS ISO/ZS IEC 8802-3   | Information technology - Telecommunications and information exchangebetween systems - Local and metropolitan area networks - Specific requirements - Part 3: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications. |
| 355.          | ZS EN 60950-1          | : Information technology equipment - Safety - Part 1: General requirements.  |
| 356.          | ZS ITU-T K.21          | Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents.  |
| 357.          | ZS ETSI EN 300 019-2-3 | Environmental Engineering (EE); Environmental conditions andenvironmental tests for telecommunications equipment; Part 2-3: Specification of environmental tests; Stationary use at weatherprotected locations.  |
| 358.          | ZS IEC 61034-1/2       | Measurement of smoke density of cables burning under defined conditions(all parts).  |
| 359.          | ZS IEC 60754-1/2       | Test on gases evolved during combustion of electric cables (all parts).  |
| 360.          | ZS IEC 61754-4         | Fibre optic connector interfaces - Part 4-1: Type SC connector family – Simplified receptacle SC-PC connector interfaces.  |
| 361.          | ZS IEC 61754-20        | Fibre optic connector interfaces - Part 20: Type LC connector family.  |
| 362.          | ZS ISO/TR 12773-2      | Business requirements for health summary records — Part 2: Environmental scan  |
| 363.          | ZS ISO/TR 14639-1      | Health informatics — Capacity-based e-Health architecture roadmap — Part 1: Architectural components and maturity model  |
| 364.          | ZS ISO/TR 14639-2      | Health informatics — Capacity-based e-Health architecture roadmap — Part 2: Architectural components and maturity model  |
| 365.          | ZS ISO/TS 13582        | Health informatics — Sharing of OID registry information   |
| 366.          | ZS SO/IEC 23005-1      | Information technology — Media context and control — Part 1: Architecture.   |
| 367.          | ZS ISO/TS 17439        | Health informatics — Development of terms and definitions for health informatics glossaries.   |
| 368.          | ZS ISO/TR 17791        | Health informatics — Guidance on standards for enabling safety in health software.   |
| 369.          | ZS ISO/IEC 21000-14    | Information technology — Multimedia framework (MPEG-21) — Part 14: Conformance Testing   |
| 370.          | ZS ETSI EG 202 487     | Human Factors (HF); User experience guidelines; Telecare services (e-Health)   |
| 371.          | ZS ETSI ES 202 642     | Human Factors (HF); Personalization of eHealth systems by using eHealth user profiles (eHealth)  |
| 372.          | ZS ETSI TR 102 732     | Machine-to-Machine Communications (M2M); Use Cases of M2M applications for eHealth   |
| 373.          | ZS ITU-T H.812.1       | Interoperability design guidelines for personal health systems: Services interface: Observation upload certified capability class  |
| 374.          | ZS ITU-T H.812.2       | Interoperability design guidelines for personal health systems: Services interface: Questionnaires   |
| 375.          | ZS ITU-T H.812.3       | Interoperability design guidelines for personal health systems: Services interface: Capability exchange certified capability class   |
| 376.          | ZS ISO 3166            | Codes for the representation of names of countries   |
| 377.          | ZS ISO 21090           | Health informatics — Harmonized data types for information interchange   |

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| 378.          | ZS ISO/HL7 21731                      | Health informatics — HL7 version 3 — Reference information model — Release 4  |
| 379.          | ZS ITU-T X.660  <br>ZS ISO/IEC 9834-1 | Information technology — Open Systems Interconnection — Procedures for the operation of OSI Registration Authorities: General procedures and top arcs of the ASN.1 Object Identifier tree |
| 380.          | ZS ISO 704                            | Terminology work — Principles and methods   |
| 381.          | ZS ISO/IEC 2382-1                     | Information technology — Vocabulary — Part 1: Fundamental terms   |
| 382.          | ZS ISO/IEC 21000<br>(all parts),      | Information technology – Multimedia framework (MPEG-21)   |
| 383.          | ZS ETSI EG 202<br>132                 | Human Factors (HF); User Interfaces; Guidelines for generic user interface elements for mobile terminals and services.  |
| 384.          | ZS ETSI EG 202<br>116                 | Human Factors (HF); Guidelines for ICT products and services; “Design for All”.   |
| 385.          | ZS ETSI TS 102<br>511                 | Human Factors (HF); AT Commands for Assistive Mobile Device Interfaces”.  |
| 386.          | ZS ETSI EG 202<br>423                 | Human Factors (HF); Guidelines for the design and deployment of ICT products and services used by children.   |
| 387.          | ZS ETSI ES 202<br>076                 | Human Factors (HF); User Interfaces; Generic spoken command vocabulary for ICT devices and services.  |
| 388.          | ZS ETSI ES 202<br>130                 | Human Factors (HF); User Interfaces; Character repertoires, orderings and assignments to the 12-key telephone keypad (for European languages and other languages used in Europe).         |
| 389.          | ZS ETSI EG 202<br>191                 | Human Factors (HF); Multimodal interaction, communication and navigation guidelines.  |
| 390.          | ZS ETSI EG 202<br>048                 | Human Factors (HF); Guidelines on the multimodality of icons, symbols and pictograms.   |
| 391.          | ZS ETSI EG 202<br>421                 | Human Factors (HF); Multicultural and language aspects of multimedia communications.  |
| 392.          | ZS ETSI EG 202<br>416                 | Human Factors (HF); User Interfaces; Setup procedure design guidelines for mobile terminals and services.   |
| 393.          | ZS ETSI EG 202<br>417                 | Human Factors (HF); User education guidelines for mobile terminals and services.  |
| 394.          | ZS ETSI EG 201<br>472                 | Human Factors (HF); Usability evaluation for the design of telecommunication systems, services and terminals.   |
| 395.          | ZS ETSI EG 202<br>325                 | Human Factors (HF); User Profile Management.  |
| 396.          | ZS ITU-T H.<br>Sup.1                  | Application profile - Sign language and lip-reading real-time conversation using low bit-rate video communication.  |
| 397.          | ZS ISO 13407                          | Human-centered design processes for interactive systems.  |
| 398.          | ZS ISO 17799                          | Information technology - Security techniques - Code of practice for information security management.  |
| 399.          | ZS ETSI ES 202<br>746                 | Human Factors (HF); Personalization and User Profile Management; User Profile Preferences and Information   |
| 400.          | ZS ETSI TS 102<br>747                 | Human Factors (HF); Personalization and User Profile Management; Architectural Framework.   |
| 401.          | ZS ETSI TS 102<br>334 (all parts)     | Network Address Book on fixed network.  |
| 402.          | ZS 062                                | Synthetic Detergents-Specification  |
| 403.          | ZS 222                                | Method of sampling and testing synthetic detergents   |
| 404.          | ZS 247                                | Household Hand Dishwashing Liquid Detergent-Specification   |
| 405.          | ZS 1033                               | Liquid antiseptics containing substituted phenolics.  |
| 406.          | ZS 1034                               | Free alkali content and free acid content of light coloured soap products   |
| 407.          | ZS 1035                               | Detergents for industrial dishwashing equipment   |
| 408.          | ZS 1036                               | Liquid toilet soap  |
| 409.          | ZS 1037                               | Toilet soaps intended for use in dispensers.  |
| 410.          | ZS 1038                               | Antibacterial liquid toilet soap for medical use  |
| 411.          | ZS 1039                               | Disinfectant alcohol-based hand rub   |
| 412.          | ZS 1040                               | Low-foam laundry detergent (for use in automatic and non-automatic domestic washing machines)   |

| <i>SI No.</i> | <i>ZS No.</i>           | <i>Title of Standard (s)</i>  |
|---------------|-------------------------|---|
| 413.          | ZS 1041                 | Industrial laundry detergent  |
| 414.          | ZS 1042                 | Medium duty solvent detergent   |
| 415.          | ZS 1043                 | Detergent for domestic dishwashing machines   |
| 416.          | ZS 1044                 | Detergent skin cleansers  |
| 417.          | ZS 1045                 | Oven cleaner & grease remover   |
| 418.          | ZS 1046                 | Rinse aid for use in dishwashing machines.  |
| 419.          | ZS 1047                 | Waterless hand cleaners   |
| 420.          | ZS 1048                 | Detergents for high-pressure cleaning (hot and steam cleaning)  |
| 421.          | ZS 1049                 | Bactericidal efficacy of anti-bacterial liquid toilet soap  |
| 422.          | ZS EN 10088-1           | Stainless steels – Part 1: List of stainless steels.  |
| 423.          | ZS ISO 1042             | Laboratory glassware – One-mark volumetric flasks   |
| 424.          | ZS ISO 3310-1           | Test sieves – Technical requirements and testing – Part 1: Test sieves of metal wire cloth  |
| 425.          | ZS ISO 4788             | Laboratory glassware – Graduated measuring cylinders  |
| 426.          | ZS EN 10095:<br>1999    | Heat resisting steels and nickel alloys.  |
| 427.          | ZS ASTM A240/<br>A 240M | Standard specification for chromium and chromium-nickel stainless steel plate, sheet and strip for pressure vessels and for general applications  |
| 428.          | ZS EN 573-3             | Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 3: Chemical composition and form of products  |
| 429.          | ZS ISO 10523            | Water quality – Determination of pH   |
| 430.          | ZS ASTM A240/<br>A 240M | Standard specification for chromium and chromium-nickel stainless steel plate, sheet and strip for pressure vessels and for general applications  |
| 431.          | ZS ASTM D 235           | Standard specification for mineral spirits (petroleum spirits) (hydrocarbon dry cleaning solvent).  |
| 432.          | ZS ASTM D 93            | Standard test methods for flash point by Pensky-Martens closed cup tester   |
| 433.          | ZS ASTM D<br>217/IP 50  | Standard test methods for cone penetration of lubricating grease.   |
| 434.          | ZS 1019                 | Road Vehicles — Passenger Vehicle Body Construction — Specification   |
| 435.          | ZS 1020                 | Accident Action Pack For Personal And Public Service Vehicles (PSV) — Specification   |
| 436.          | ZS 1021                 | Specification For Flexible Polyurethane (Polyether) Foams – General Requirements  |
| 437.          | ZS 1022                 | Specification For Toughened (Tempered) Automobile Windscreens   |
| 438.          | ZS 1023                 | Specification For Laminated Automobile Windscreens  |
| 439.          | ZS 1024                 | Specification For Anchorages For Seat Belts — Automobiles   |
| 440.          | ZS 1025                 | Specification For Seat Belt Assemblies For Motor Vehicles   |
| 441.          | ZS 1026                 | Recommendations For Safety Requirements For Fuel Tank Assembly Of Automotive Vehicles   |
| 442.          | ZS 1051                 | Used Pneumatic Tyres For Passenger Vehicles - Specification   |
| 443.          | ZS ISO 710-1            | Graphical symbols for use on detailed maps, plans and geological cross-sections - Part 1: General rules of representation   |
| 444.          | ZS ISO 710-2            | Graphical symbols for use on detailed maps, plans and geological cross-sections - Part 2: Representation of sedimentary rocks   |
| 445.          | ZS ISO 710-3            | Graphical symbols for use on detailed maps, plans and geological cross-sections -Part 3: Representation of magmatic rocks   |
| 446.          | ZS ISO 710-4            | Graphical symbols for use on detailed maps, plans and geological cross-sections -Part 4: Representation of metamorphic rocks  |
| 447.          | ZS ISO 710-5            | Graphical symbols for use on detailed maps, plans and geological cross-sections -Part 5: Representation of minerals   |
| 448.          | ZS ISO 710-6            | Graphical symbols for use on detailed maps, plans and geological cross-sections -Part 6: Representation of contact rocks and rocks which have undergone metasomatic, pneumatolytic or hydrothermal transformation or transformation by weathering |
| 449.          | ZS ISO 710-7            | Graphical symbols for use on detailed maps, plans and geological cross-sections -Part 7: Tectonic symbols   |
| 450.          | ZS ISO 721              | Rock drilling equipment - Integral stems  |
| 451.          | ZS ISO 722              | Rock drilling equipment - Hollow drill steels in bar form, hexagonal and round  |
| 452.          | ZS ISO 723              | Rock drilling equipment - Forged collared shanks and corresponding chuck bushings for hollow hexagonal drill steels   |
| 453.          | ZS ISO 1718             | Rock drilling equipment - Drill rods with tapered connection for percussive drilling  |
| 454.          | ZS ISO 5612             | Mining - Scraper bars for chain conveyors   |
| 455.          | ZS ISO 5613             | Mining - Drive sprocket assemblies for chain conveyors  |
| 456.          | ZS ISO 5614             | Locked coil wire ropes for mine hoisting - Technical delivery requirements  |
| 457.          | ZS ISO 610              | High-tensile steel chains (round link) for chain conveyors and coal ploughs   |

ADVT—1358—7807343

**Notice of Compulsory Winding Up**

TAKE NOTICE that the High Court for Zambia has placed Yangts Jiang Entrprises Limited (In Liquidation) under Compulsory Liquidation and has appointed Mr Frederick Mwenya of FMC Farms Limited Lusaka Zambia as Provisional Liquidator in respect of all the assets of the company.

All creditors, debtors and other interested parties are notified for purposes *inter alia* of submitting their claims with the provisional Liquidator by delivery to the address indicated below.

Frederick Mwenya

Provisional Liquidator

Yangts Jiang Entrprises Limited (in Liquidation)

Plot 2348, Publicity House

Kabelenga Road, Fairview, Lusaka.

Tel: 0211 225060

E-mail: fmcfarmslimited2017@gmail.com

In the High Court for Zambia 2017/HK/662

At the Commercial Registry Holden at Kitwe (Civil Jurisdiction)

In the matter of: Yangts Jiang Entrprises Limited

And

In the matter of: The Companies Act Chapter 388 of  
The Laws of Zambia

Between:

|                                   |                  |
|-----------------------------------|------------------|
| Excel Insurance Agency Limited    | 1st Petitioner   |
| Integrity Trading Company Limited | 2nd Petitioner   |
| Kalipa Investments Limited        | 3th Petitioner   |
| Mountain Freight Limited          | 4 Th Petitioner  |
| Natahi Oil and Food Enterprises   | 5 Th Petitioner  |
| Tembi Investmets Limited          | 6 th Petitioner  |
| Brian K. Chinyama                 | 7 th Petitioner  |
| Felix Muyoma                      | 8 th Petitioner  |
| Frederick Muyoma                  | 9 th Petitioner  |
| Ian Simakuni                      | 10 th Petitioner |
| Jones Chilimboyi                  | 11 th Petitioner |
| Kupa Chilundo                     | 12 th Petitioner |

Samson 13th Petitioner

Stanely Muyoma 14th Petitioner

And

Yangts Jiang Enterprises Limited Respondent

**Notice of Winding-Up Petition**

*(Pursuant to Rule 6 of the Companies (Winding-Up Rules)  
Statutory Instrument No. 86 of 2004*

NOTICE IS HEREBY GIVEN that petition for winding up the above named Company by the High Court for Zambia at Kitwe was the 11th October, 2017 presented to the said Court by each of Excel Insurance Agency House No. 15036/917 Kamwala South Lusaka, Integrity Trading Company Limited Plot No. 2856, Publicity House Kabelenga Road Lusaka, Kalipa Investments Limited House No. 3327/M Ibex Hill off Mosi-O-Tunya Road, Mountain Freight Limited Plot No. 1535 Chelstone Lusaka, Natahi Oil and Food Enterprises Limited Stand No. 2 Los Angeles Road Soweto Lusaka, Tembi Investment Limited Plot No. 2335 Kabelenga Road, Lusaka, Brian K. Chinyama of Plot 1556 off Ngwerere Road, Chelstone Lusaka, Felix Muyoma of Plot No. C354/X/1 Break Through Road Mtendere, Frederick Muyoma of Plot No. C354/X/1 Break Through Road Mtendere, Ian Simakuni of Plot 1556 off Ngwerere Road, Chelston Lusaka, Jones Chilimboyi of House No. 1521, Flat C, Chelstone, Lusaka, Kupa Chilundo of House Number 6, Jasmine Crescent, Avondale, Samson Mwale of Plot No. 80 Yellow House, Chongwe, Stanley Muyoma of House No. 56/20, off Ngwerere Road, Kamanga, Lusaka (hereinafter referred to as the petitioners) claiming to be creditors of the company and the said petition is directed to be heard before the Court sitting at Kitwe on the 31st day of October 2017 at 08:30 hours before Honourable High Court Judge Makubalo and any creditor and or contributory of the said Company desirous to support or oppose the making of an Order on the said petition may appear at the time of hearing in person or by his counsel for that purpose and a copy on payment of the petition will be furnished by the undersigned to any Creditor or contributory of the said company requiring such copy on payment of the regulated charge of the same.

NOTICE Any person who intends to appear on the hearing of the said petition must or through his/her Advocate serve on or send by hand, email or post to the undersigned. A notice of writing of his intention to do so.

The Notice: must state the name and address of the person or a firm and must be by the person or firm or his or their Advocates (if any) and must be served or if posted, Must be sent by registered post in sufficient time to reach the undersigned not later than 15:00 hours on the 31st day of October 2017.

MESSRS LEWIS NATHAN ADVOCATES,

Plot No. 758, Woodlands, *Advocates for the Petitioners*

LUSAKA.

ADVT—1352—7806323

**Notice of Change of Name by Deed Poll**

BY THIS DEED POLL, I, the undersigned, Nchimunya Z. Kabbudula of Limulunga Royal Village, Limulunga District in the Western Province of the Republic of Zambia now lately called Nchimunya Zida Kabbudula do hereby declare as follows;

For and on behalf of myself, wholly renounce, relinquish and abandon the use of my former name of Nchimunya Zida Kabbudula and in place thereof do assume the name of Nchimunya Z. Kabbudula, so that I may hereafter be called, known and distinguished not by my former name of Nchimunya Zida Kabbudula but by my assumed name of Nchimunya Z. Kabbudula.

For the purpose of evidencing such my determination, I declare that I shall at all times hereafter in all records, deeds and writing and in all proceedings, dealings and transactions as well as private, public and upon all occasions whatsoever, use and sign the name of Nchimunya Z. Kabbudula as my name in place of and in substitution of my former name of Nchimunya Zida Kabbudula.

That I expressly authorise and request all persons at all times hereafter to designate and address me by such assumed name of Nchimunya Z. Kabbudula accordingly.

In witness whereof, I have hereunto subscribed my former and assumed names of Nchimunya Zida Kabbudula and Nchimunya Z. Kabbudula and affixed my hand and seal this 17th day of October, 2017.

Signed, sealed and delivered by the above names Nchimunya Z. Kabbudula formerly Nchimunya Zida Kabbudula in the presence of:

N. KUMOYO,  
*Teacher*

ADVT—1353—7807343

**Notice of Change of Name by Deed Poll**

BY THIS DEED, I, the undersigned, Alphonsinah Kabbudula of House No. 18/02, Matero East, Lusaka in the Lusaka District in the Lusaka Province of the Republic of Zambia, now lately called Alphonsinah Kabbudula do hereby declare as follows;

For and behalf of myself wholly renounce, relinquish and abandon the use of my former name of Alphonsinah Kabbudula and in place thereof do assume the name of Alphonsinah Kabbudula, so that I may hereafter be called, known and distinguished not by my former name of Alphonsinah Kabbudula but by my assumed name of Alphonsinah Kabbudula.

For the purpose of evidencing such my determination, I declare that I shall at all times hereafter in all records, deeds and writing and in all proceedings, dealings and transactions as well as private, public and upon all occasions whatsoever, use and sign the name of Alphonsinah Kabbudula as my name in place of and in substitution of my former name of Alphonsinah Kabbudula.

That I expressly authorise and request all persons at all times hereafter to designate and address me by such assumed name of Alphonsinah Kabbudula accordingly.

In witness whereof, I have hereunto subscribed my former and assumed names of Alphonsinah Kabbudula and Alphonsinah Kabbudula and affixed my hand and seal this 17th day of October, 2017.

Signed, sealed and delivered by the above names Alphonsinah Kabbudula formerly Alphonsinah Kabbudula in the presence of:

Kuluwalelo Flats  
A. MWEETWA,  
*Businessman*

ADVT—1354—7806329

**Notice of Change of Name by Deed Poll**

THIS DEED POLL, made the 16th day of October, 2017, by me the undersigned Boyd Musonda of National Registration Card No. 100270/18/1, and of Plot No. 2392, Riverside Area, Solwezi in the North-western Province of the Republic of Zambia, do hereby for myself absolutely and entirely relinquish and abandon the use of my former names of Boyd Musonda and in lieu thereof do assume as from the date hereof the name of Boyd Goodson Musonda, and in pursuance of such a change of names as aforesaid I hereby declare

that I shall at all times hereinafter in all records, deeds and instruments in writing and in all dealings and transactions and upon all occasions whatsoever to assign and use and subscribe the names of Boyd Goodson Musonda as my names in lieu of the said names as renounced as aforesaid.

And I hereby authorise and request all persons to designate, describe and address me by such names to the extent that my names shall be Boyd Goodson Musonda.

In witness whereof I have signed my assumed names of Boyd Goodson Musonda and have set my hand and seal this 16th day of October, 2017.

Signed, sealed and delivered by the said Boyd Goodson Musonda at Lusaka this 16th day of October, 2017 in the presence of:

S. KAYAMBILA,  
*C.E*  
P.O. Box 360025  
LUSAKA

ADVT—1355—7806384

**Notice of Change of Name by Deed Poll**

BY THIS DEED, made this 16th day of October, 2017 by the undersigned Priscilla Mutenge of House No. A03, Mtendere East in Lusaka Province of the Republic of Zambia. I, Priscilla Mutenge a Zambian Citizen by birth and holder of National Registration Card No. 839525/11/1 do hereby for myself absolutely and entirely renounce and relinquish the use of former name, Priscilla Mutenge and in lieu thereof do assume as from the date hereof the name Prisca Mutenge and in pursuance of such change of name I hereby declare that I shall at all times hereafter in all records, deeds, documents and other writings and in all dealings and transactions and all occasions whatsoever use and subscribe to the said name of Prisca Mutenge to the intent that the said name of Priscilla Mutenge hereafter be known or distinguished by the name Prisca Mutenge.

I hereby authorise and request all persons at all times to designate, describe and address me by such assumed name to the intent that my full names shall be Prisca Mutenge.

In witness whereof I have hereunder signed, set my hand and seal the day and year first before written.

Signed, sealed and delivered by the above named Prisca Mutenge, formerly known as Priscilla Mutenge in the presence of:

COMMISSIONER FOR OATHS  
P.O. Box 50067  
LUSAKA

ADVT—1356—7806801

**Notice of Change of Name by Deed Poll**

BY THIS DEED, I the undersigned, Remmy Haangoma, a Zambian National of the City and Province of Lusaka in the Republic of Zambia do hereby for myself absolutely and entirely renounce, relinquish and abandon the use of my former names of Remmy Haangoma in lieu thereof do assume as from the date hereof the names of Remmy Mainza Haangoma and in pursuance of such change of names I hereby declare that I shall at all times hereafter in all records and instruments in writing and in all actions, dealings and transactions and upon all occasions whatsoever use, sign and subscribe the said names of Remmy Mainza Haangoma as my full names in lieu of the said Remmy Haangoma so renounced as aforesaid and hereby authorise and request all persons to designate and address me by such assumed names to the intent that my full names shall be Remmy Mainza Haangoma only.

I hereby further declare that I was born on the 21st day of March, 1962.

In witness whereof I have hereunder signed my assumed names of Remmy Mainza Haangoma and relinquish the use of my former names of Remmy Haangoma as my name and hereunto set my hand and seal this 24th day of July, 2017.

Signed, sealed and delivered by the above named Remmy Mainza Haangoma in the presence of:

I. CHAVULA,  
*Office Assistant*  
P.O. Box 39320  
LUSAKA