



REPUBLIC OF ZAMBIA
GOVERNMENT GAZETTE

Published by Authority

Price: K10.00 net
Annual Subscription: Within Lusaka—K300.00
Outside Lusaka—K350.00

No. 6851]

Lusaka, Friday, 6th March, 2020

[Vol. LVI No. 20

GAZETTE NOTICE No. 187 OF 2020

[91815511

The Energy Regulation Act
(Chapter 436 of the Laws of Zambia)

Notice of Intention to Issue Licences

MEMBERS of the General Public are hereby informed that the Energy Regulation Board (ERB) intends to issue Licences to the under-listed Applicants, thirty (30) days from the date of this notice in accordance with the provisions of the Energy Regulation Act Chapter 436 of the Laws of Zambia.

Any one objecting to the issuance of any of such Licences whether on personal, environmental or other grounds may do so by filing a written objection within thirty (30) days of the publication of this notice as stipulated under section 10 of the Energy Regulation Act as read with the Energy Regulation (Licensing) Regulations 1998 Statutory Instrument No. 2 of 1998. The objector must provide their physical address and contact details. The written objection must be addressed to:

L.H. LUNGU, (Ms)
Director-General,
Energy Regulation Board

P.O. Box 37631
LUSAKA

INITIAL APPLICATIONS

| No. | Applicant | Address and Location | Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Type of Licence | Application Date |
|-----|-----------------------------------|---|--|---|---|---|------------------|
| 1. | Athena Energy Limited | Flat No. 1, Wood Processing Flats, Shinde Street, Town Centre, Ndola | 1. Sairam Boyina 2. Sudhakar Bodugu | 1. Sairam Boyina 2. Sudhakar Bodugu | None | —Distribute, Import and Export Petroleum Products (Valid for 5 years) | 20.11.2019 |
| 2. | Automotive Equipment Limited | Malasha Road off Chachacha Road, Lusaka | 1. Jayantilal Mohanilal 2. Lisa Narendrakumar Naik 3. Tarak Jayantilal Mehta 4. Kirtilaben Jayantilal Mehta | 1. Lisa Narendrakumar Naik 2. Tarak Jayantilal Mehta 3. Kirtilaben Jayantilal Mehta 4. Jayantilal Mohanlal Mehta | None | Importation of Lubricants (valid for 3 years) | 22.10.2019 |
| 3. | Azuri Technologies Zambia Limited | St. Johns's Innovation Centre, Cowley Road, Cambridge CBA OWS, United Kingdom | 1. Simon Christopher John Brandsfield Garth 2. Azuri Technologies Limited | 1. Simon Christopher John Brandsfield Garth 2. Moses Simbeye | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems provisional licence | 10.07.2019 |
| 4. | Babcock Zambia Limited | C/O KPMG 25/26 Nkwazi House, Nkwazi Road, Lusaka | 1. Garth Rowe 2. Babcock Africa (PTY) Limited | 1. Garth Rowe 2. Tim Ward | None | Importation of Lubricants (valid for 3 years) | 8.11.2019 |

| No. | Applicant | Address and Location | Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Type of Licence | Application Date |
|-----|--|---|--|--|---|---|------------------|
| 5. | Battery King Investments Limited | Plot No. 5777, Great East Road, Lusaka | 1. Ni Xin 2. Eric Eliya Ngoma | 1. Ni Xin 2. Eric Eliya Ngoma | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems (Valid for 5 years) | 29.07.2019 |
| 6. | Captec Oil Corporation Limited | Plot No. 10159, Light Industrial Area, Ndola | 1. Clement Lamya 2. Juliano Chanda Lamya | 1. Clement Lamya 2. Juliano Chanda Lamya | None | —Distribute, Import and Export Petroleum Products (Valid for 5 years) | 04.09.2019 |
| 7. | Chanka Gas Limited | Plot No. 26, Chikola, Chingola | 1. Mwamba Kabungo 2. Clement Kabungo 3. Chanda Kabungo | 1. Mwamba Kabungo 2. Clement Kabungo 3. Chanda Kabungo | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 28.06.2019 |
| 8. | Chisuma Energy Limited | Unit B, Jacaranda Mall, Kabwe Road, Industrial Area, Ndola | 1. Sharon Joan Samaras 2. John Stephanos Samaras | 1. Sharon Joan Samaras 2. John Stephanos Samaras | None | —Distribute, Import and Export Petroleum Products (Valid for 5 years) | 21.06.2019 |
| 9. | Emmanuel Gas Limited | Plot No. 88, Mukoma, Nakonde | 1. Sunday Mubela 2. Grace Kasonde | 1. Sunday Mubela 2. Grace Kasonde | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 26.06.2019 |
| 10. | Goldstar Freight Limited | Plot No. 920/04, Liberia Road, Industrial Area, Ndola | 1. Hussein Mahamad Omar 2. Said Hassan Jama 3. Liban Haji Awdon 4. Ali Elmi Abdi 5. Hassan Said Hassan | 1. Hussein Mahamad Omar 2. Said Hassan Jama 3. Liban Haji Awdon 4. Ali Elmi Abdi 5. Hassan Said Hassan | None | Road Transportation of Petroleum Products (Valid for 3 years) | 10.10.2019 |
| 11. | Green Tech Investments Limited | Plot No. 8149, Mwembeshi Road, Industrial Area, Lusaka | 1. Fauzia Dhalla 2. Chulani Weerasekara Uduwana Weerasekarage 3. Abulkalam Mohamed | 1. Fauzia Dhalla 2. Abulkalam Mohamed | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems (Valid for 5 years) | 11.10.2019 |
| 12. | Grupo Lutet Zambia Limited | Plot No. 1187, off Mumbwa Road, Westwood, Lusaka | 1. Marcos Barros Da Fonseca 2. Manuel Francisco Cassul | 1. Marcos Barros Da Fonseca 2. Manuel Francisco Cassul | None | —Distribute, Import and Export Petroleum Products (Valid for 5 years) | 31.10.2019 |
| 13. | Huawei Technologies Zambia Company Limited | 10th Floor, Sunshare Building, Katimamulilo Road, Olympia, Lusaka | 1. Huawei Technologies (Netherlands) B.V 2. Huawei Technologies Cooperatief U.A | 1. Li Dafeng 2. Rongshuan Zhou 3. Yong Yu | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems (Valid for 5 years) | 15.10.2019 |

| No. | Applicant | Address and Location | years) Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Type of Licence | Application Date |
|-----|--|---|--|---|--|---|------------------|
| 14. | Kamfwa Energy Limited | Plot No. 88, Mukoma, Nakonde | 1. Cecilia Mwanza 2. Mutale Mibenge | 1. Cecilia Mwanza 2. Mutale Mibenge | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 26.06.2019 |
| 15. | LBM Investments Limited | Plot No. 387, Makoli Road, Town Centre, Ndola | 1. Catherine Mwila 2. Leonard Boyd Mbaio | 1. Catherine Mwila 2. Leonard Boyd Mbaio | Road Transportation of Petroleum Products | —Distribute, Import and Export Petroleum Products (Valid for 5 years) | 18.03.2019 |
| 16. | Lovely Enterprise Limited | Plot No. 737/22A Lukoma Close, Emmasdale, Lusaka | 1. Mohshin Isebhahi Bhagat 2. Ikbali Moosa Bhad Adam 3. Suhel Hanifmohamed Patel 4. Nagia Umar Faruk Abdul Sattar | 1. Mohshin Isebhahi Bhagat 2. Ikbali Moosa Bhad Adam 3. Nagia Umar Faruk Abdul Sattar | None | Importation of Lubricants (valid for 3 years) | 23.05.2019 |
| 17. | Luapula Oils Limited | Plot No. 8471, Haile Selassie Avenue, Longacres, Office No. 4, Behind Pacra Complex, Lusaka | 1. Rodrick Kalasa 2. Stella Gondwe Nsemukila 3. Buleti Nsemukila | 1. Rodrick Kalasa 2. Peter Lubumbe Mwamfuli 3. Stella Gondwe Nsemukila 4. Buleti Nsemukila | — Distribute, Import and Export Petroleum Products — Retail of Petroleum Products | Road Transportation of Petroleum Products (Valid for 3 years) | 25.01.2019 |
| 18. | Mahbro Zambia Limited | Plot No. 8523, Northend, Central Business District, Lusaka | 1. Sumaiyya Ahmed Patel 2. Ahmed Ibrahim Patel | 1. Sumaiyya Ahmed Patel 2. Ahmed Ibrahim Patel | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems (Valid for 5 years) | 16.12.2019 |
| 19. | Mega Time Networks Limited | Room 40 Chester House, Cairo Road, Lusaka | 1. Merciano Lufeyo 2. Linda Chisenga | 1. Merciano Lufeyo 2. Linda Chisenga | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems (Valid for 5 years) | 07.11.2019 |
| 20. | MH Technologies Limited | Plot No. 1244, House No.6, Kalembwe Close, Rhodespark, Lusaka | 1. Dagon Hamatunga 2. Mutinta Hamakondo 3. Chambishi Metals PLC | 1. Dagon Hamatunga 2. Mutinta Hamakondo | None | Manufacture, Wholesale Importation and Installation of Solar Energy Systems (Valid for 5 years) | 14.10.2019 |
| 21. | Muso- O-Tunya Auto Spares & Paints Limited | Plot No. 39, Chisamba Way, Livingstone | 1. Emmanuel Siavwabi Mweetwa 2. Precious Mweetwa 3. Elisha Mweetwa 4. Dennis Banda | 1. Emmanuel Siavwabi Mweetwa 2. Precious Mweetwa 3. Elisha Mweetwa | None | Importation of Lubricants (valid for 3 years) | 18.09.2018 |
| 22. | Nakonde Gas Limited | Plot No. 88, Mukoma, Nakonde | 1. Mervis Moyo 2. Joseph Kasunga | 1. Mervis Moyo 2. Joseph Kasunga | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 12.07.2019 |

| No. | Applicant | Address and Location | Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Type of Licence | Application Date |
|-----|-----------------------------------|---|---|--|--|--|------------------|
| 23. | Ndola Lime Company limited | Plot No. 5309, Dedan Kimathi Road, Ndola | 1. Mutale Chanda 2. Chabby Chabala 3. ZCCM Investments Holdings PLC | 1. Manuel Mutale 2. Yadika Elenor Mkandawire 3. Liver Tembo 4. Chabby Chabala 5. Katendi Kapin Nkombo 6. Edwin Syaleka 7. Luke Chenjelani 8. Thomas Lungu | None | Distribute, Import and Export Petroleum Products (Valid for 5 years) | 04.07.2019 |
| 24. | Ngucha Energy Corporation Limited | Plot No. 5251, Mukwa Road, Industrial Area, Lusaka | 1. Hara Natasha Mwazanji 2. Paul Hara | 1. Hara Natasha Mwazanji 2. Paul Hara | —Importation of Lubricants —Road Transportation of Petroleum Products —Retail of Petroleum Products —Distribute, Import and Export Petroleum Products | Export of Liquefied Petroleum Gas (valid for 5 years) | |
| 25. | Nome Investments Limited | Plot No. 34, Minsundu, Ndola | 1. Noah Kaponda 2. Simon Kaponda | 1. Noah Kaponda 2. Simon Kaponda | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 04.10.2019 |
| 26. | Oasis Oil Zambia Limited | Plot No. 5031, Great North Road, Malambo T-Junction, Lusaka | 1. Ismail Jasat 2. Ibrahim Mohmed Jasat 3. Mohammed Ibrahim | 1. Ismail Jasat 2. Bax Abubaker 3. Bux Salim 4. Ibrahim Mohmed Jasat 5. Mohammed Ibrahim | —Distribute, Import and Export Petroleum Products —Importation of Lubricants —Retail of Petroleum Products | Road Transportation of Petroleum Products (Valid for 3 years) | 27.09.2019 |
| 27. | Rokana Energy Limited | 5076 Zebra, Nkana East, Kitwe | 1. Christian Rene Ndhlovu 2. Kondwani Ndhlovu | 1. Christian Rene Ndhlovu 2. Kondwani Ndhlovu | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 04.10.2019 |
| 28. | Simba Auto Spares Limited | Plot No. 3057, Makishi Road, Northmead, Lusaka | 1. Husen Amin Dalal 2. Muhammed Shakil Jumabhai Khatri | 1. Husen Amin Dalal 2. Muhammed Shakil Jumabhai Khatri | None | Importation of Lubricants (valid for 3 years) | 28.05.2019 |
| 29. | SKF Zambia Limited | Plot No. 20, Langashe Street, Kitwe | 1. SKF Forvalting AB 2. SKF Belgium NV/SA | 1. Marek Pracki 2. Satrajit Chakraborty | None | Importation of Lubricants (valid for 3 years) | 19.03.2019 |
| 30. | Supremacy Auto Spares Limited | Shop No. 4, Chifinga Road, Villa Elizabeth, Lusaka | 1. Dorcas Sifwa Phiri 2. Mirriam Phiri | 1. Dorcas Sifwa Phiri 2. Mirriam Phiri | None | Importation of Lubricants (valid for 3 years) | 05.12.2019 |

| No. | Applicant | Address and Location | Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Type of Licence | Application Date |
|-----|-----------------------------|-------------------------------|--|--|---|---|------------------|
| 31. | Unity Energy Limited | Plot No. 15, Kansenshi, Ndola | 1. Mahamud Farah Ahmed 2. Hussein Farh | 1. Mahamud Farah Ahmed 2. Hussein Farh | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 11.10.2019 |
| 32. | Veriano Investments Limited | Kampodza Farm, Katete | 1. Patrick Chabwera Phiri 2. Namukale Phiri | 1. Patrick Chabwera Phiri 2. Namukale Phiri | None | Export of Liquefied Petroleum Gas (valid for 5 years) | 29.08.2019 |

APPLICATION FOR RENEWALS

| No. | Applicant | Address and Location | Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Type of Licence | Application Date |
|-----|--|--|---|---|--|---|------------------|
| 1. | Daha Enterprises and Transport Limited | Plot No. 13158, off Ndeke Road, Reserve, Ndola | 1. Ahmed Adbullahi Jama 2. Ali Abdulkadir Yusuf 3. Ali Mohammed Abdisalan | 1. Ahmed Adbullahi Jama 2. Ali Abdulkadir Yusuf 3. Ali Mohammed Abdisalan | None | Road Transportation of Petroleum Products (Valid for 3 years) | 14.01.2019 |
| 2. | Horn Afric Motors Limited | Plot No. 9467, Makeni Industrial Area, Lusaka | 1. Hassan Ahmed Mohamed 2. Mouse Ahmed Mohamed 3. Jama Yaqub Abshir | 1. Hassan Ahmed Mohamed 2. Mouse Ahmed Mohamed 3. Abshir Jama Yaqub | None | Road Transportation of Petroleum Products (Valid for 3 years) | 20.08.2019 |
| 3. | LBM Investments Limited | Plot No. 387, Makoli Road, Town Centre, Ndola | 1. Catherine Mwila 2. Leonard Boyd Mbao | 1. Catherine Mwila 2. Leonard Boyd Mbao | Road Transportation of Petroleum Products Distribute, Import and Export Petroleum Products | Retail of Petroleum Products (Valid for 5 years) | 18.03.2019 |
| 4. | Zambulk Tankers Limited | 8074 off Mumbwa Road, Chinika, Lusaka | 1. Christopher Meikle 2. Assana Investments Limited | 1. Mark Burton Thomas 2. Christopher Meikle | None | Road Transportation of Petroleum Products (Valid | 24.07.2019 |

for 3 years)

APPLICATION FOR INCLUSION OF RETAIL SITES

| No. | Applicant | Address and Location | Name of Shareholders /Sole Traders | Name of Directors/ Sole Traders | Directors Interest in other Energy Undertakings | Site |
|-----|-------------------------------------|---|--|--|--|--------------------------------|
| 1. | Lake Petroleum Limited | Plot No. 10958, Corner of Lima/ Luanshya Roads | 1. Ally Edha Awadh 2. Gulf Africa Holdings Limited | 1. Ally Edha Awadh 2. Robinson Malenji | —Distribute, Import and Export Petroleum Products —Retail of Petroleum Products | —Ngwerere Road, Chongwe |
| 2. | Mount Meru Petroleum Zambia Limited | Plot No. 255/609, Zambezi Road, Roma, Lusaka | 1. Atul Mittal 2. Arvind Kumar Mittal 3. White Horse Commodities | 1. Dharmesh Patel 2. George Ammuthan Lonappan 3. Atul Mittal 4. Arvind Kumar Mittal | —Distribute, Import and Export Petroleum Products —Retail of Petroleum Products —Retail of Liquefied Petroleum Gas —Transport of Petroleum Products | —Leopards Hill Road, Lusaka |
| 3. | Oryx Oil Zambia Limited | Plot No. 875, Zambia Road | 1. Oryx Energies SA 2. Overseas Petroleum Holdings Limited | 1. Michael Demond 2. Dansel Coopa Sannigadu 3. Thoma Muller 4. Francis Rukungu | —Distribute, Import and Export Petroleum Products —Importation of Lubricants —Retail of Petroleum Products | —President Avenue in Kalulushi |
| 4. | SGC Investments | Plot No. 5217 Kabwe Road | 1. David Shinganya 2. George Shinganya 3. Costa George Shinganya 4. Triza Shinganya | 1. David Shinganya 2. George Shinganya 3. Costa George Shinganya 4. Triza Shinganya | —Distribute, Import and Export Petroleum Products —Retail of Petroleum Products —Transport of Petroleum Products | —Changa Changa, Mufulila site |
| 5. | Simba Energy Limited | Plot No. 5220, Corner of Kabwe & Ndeke Roads Industrial Area, Ndola | 1. Said Ahmed Hashi Adan 2. Abdi Hakim Mohamed | 1. Said Ahmed Hashi Adan 2. Abdi Hakim Mohamed | 1. Retail of Petroleum Products | —Buntungwa Street in Mufulira |
| 6. | Spectra Oil Corporation Limited | Plot No. 1692, Lumumba Road, Lusaka | 1. Yuyi Mubita Lishomwa 2. Chumba Gondwe 3. Lackson Nkowan 4. Maximillan Hammukale | 1. Alfred Jack Lungu 2. Yuyi Mubita Lishomwa 3. Siseho Lishomwa 4. Maximillan Haamukale 5. Chumba Hastings Obrian Gondwe | 1. Distribute, Import and Export Petroleum Products 2. Retail of Petroleum Products | —Woodlands in Lusaka |

National Health Insurance Act
(Act No. 2 of 2018)
(Section 31)

National Health Insurance Management Authority
List of Accredited Health Care Providers

| <i>S/N</i> | <i>Health Care Provider</i> | <i>District</i> | <i>Province</i> | <i>Ownership</i> | <i>Level</i> |
|------------|--------------------------------------|-----------------|-----------------|-------------------------|--------------------|
| 1. | Liteta District Hospital | Chisamba | Central | GRZ- Ministry of Health | Hospital -Level 1 |
| 2. | Chitambo District Hospital | Chitambo | Central | GRZ- Ministry of Health | Hospital -Level 1 |
| 3. | Itezhi-tezhi District Hospital | Itezhi-tezhi | Central | GRZ- Ministry of Health | Hospital - Level 1 |
| 4. | Kabwe General Hospital | Kabwe | Central | GRZ- Ministry of Health | Hospital - Level 2 |
| 5. | Kabwe Women & Newborn Hospital | Kabwe | Central | GRZ- Ministry of Health | Hospital -Level 2 |
| 6. | Kapiri Mposhi District Hospital | Kapiri Mposhi | Central | GRZ- Ministry of Health | Hospital -Level 1 |
| 7. | Mkushi District Hospital | Mkushi | Central | GRZ- Ministry of Health | Hospital - Level 1 |
| 8. | Mumbwa District Hospital | Mumbwa | Central | GRZ- Ministry of Health | Hospital -Level 1 |
| 9. | Nangoma Mission Hospital | Mumbwa | Central | Mission | Hospital -Level 1 |
| 10. | Serenje District Hospital | Serenje | Central | GRZ- Ministry of Health | Hospital - Level 1 |
| 11. | Kakoso Level 1 Hospital | Chililabombwe | Copperbelt | GRZ- Ministry of Health | Hospital - Level 1 |
| 12. | Nchanga North General Hospital | Chingola | Copperbelt | GRZ- Ministry of Health | Hospital -Level 2 |
| 13. | Kalulushi General Hospital | Kalulushi | Copperbelt | GRZ- Ministry of Health | Hospital -Level 2 |
| 14. | Kitwe Teaching Hospital | Kitwe | Copperbelt | GRZ- Ministry of Health | Hospital - Level 3 |
| 15. | Roan Antelope Referral Hospital | Luanshya | Copperbelt | GRZ- Ministry of Health | Hospital -Level 2 |
| 16. | Thomson District Hospital | Luanshya | Copperbelt | GRZ- Ministry of Health | Hospital -Level 1 |
| 17. | Lufwanyama District Hospital | Lufwanyama | Copperbelt | GRZ- Ministry of Health | Hospital -Level 1 |
| 18. | Masaiti District Hospital | Masaiti | Copperbelt | GRZ- Ministry of Health | Hospital - Level 1 |
| 19. | Mpongwe Mission Hospital | Mpongwe | Copperbelt | Mission | Hospital -Level 1 |
| 20. | St. Theresa Mission Hospital | Mpongwe | Copperbelt | Mission | Hospital - Level 1 |
| 21. | Kamuchanga District Hospital | Mufulira | Copperbelt | GRZ- Ministry of Health | Hospital -Level 1 |
| 22. | Ronald Ross General Hospital | Mufulira | Copperbelt | GRZ- Ministry of Health | Hospital -Level 2 |
| 23. | Arthur Davison Hospital | Ndola | Copperbelt | GRZ- Ministry of Health | Hospital - Level 2 |
| 24. | Ndola Teaching Hospital | Ndola | Copperbelt | GRZ- Ministry of Health | Hospital - Level 3 |
| 25. | St. Dominics Mission (Kavu) Hospital | Ndola | Copperbelt | Mission | Hospital -Level 1 |
| 26. | Chadiza District Hospital | Chadiza | Eastern | GRZ- Ministry of Health | Hospital -Level 1 |
| 27. | Chipata Central Hospital | Chipata | Eastern | GRZ- Ministry of Health | Hospital - Level 3 |

| | | | | | |
|-----|--|--------------|---------|-------------------------|--------------------|
| 28. | Chipata District Hospital | Chipata | Eastern | GRZ- Ministry of Health | Hospital -Level 1 |
| 29. | Mwami Mission Hospital | Chipata | Eastern | Mission | Hospital -Level 1 |
| 30. | Lumezi Mission Hospital | Lumezi | Eastern | Mission | Hospital - Level 1 |
| 31. | St Francis Mission Hospital | Katete | Eastern | Mission | Hospital - Level 2 |
| 32. | Lundazi District Hospital | Lundazi | Eastern | GRZ- Ministry of Health | Hospital -Level 1 |
| 33. | Kamoto Mission Hospital | Mambwe | Eastern | Mission | Hospital -Level 1 |
| 34. | Nyimba District Hospital | Nyimba | Eastern | GRZ- Ministry of Health | Hospital - Level 1 |
| 35. | Minga Mission Hospital | Petauke | Eastern | Mission | Hospital - Level 1 |
| 36. | Petauke District Hospital | Petauke | Eastern | GRZ- Ministry of Health | Hospital -Level 1 |
| 37. | Nyanje Mission Hospital | Sinda | Eastern | Mission | Hospital -Level 1 |
| 38. | Chiengi District Hospital | Chiengi | Luapula | GRZ- Ministry of Health | Hospital - Level 1 |
| 39. | Kawambwa District Hospital | Kawambwa | Luapula | GRZ- Ministry of Health | Hospital -Level 1 |
| 40. | Mansa General Hospital | Mansa | Luapula | GRZ- Ministry of Health | Hospital -Level 2 |
| 41. | Milenge District Hospital | Milenge | Luapula | GRZ- Ministry of Health | Hospital - Level 1 |
| 42. | Mbereshi Mission Hospital | Mwansabombwe | Luapula | Mission | Hospital - Level 1 |
| 43. | Mambilima Mission Hospital | Mwense | Luapula | Mission | Hospital -Level 1 |
| 44. | Mwense District Hospital | Mwense | Luapula | GRZ- Ministry of Health | Hospital -Level 1 |
| 45. | St. Pauls General Hospital | Nchelenge | Luapula | Mission | Hospital - Level 2 |
| 46. | Kasaba (St. Margaret's) Mission Hospital | Chifunabuli | Luapula | Mission | Hospital -Level 1 |
| 47. | Lubwe Mission Hospital | Chifunabuli | Luapula | Mission | Hospital -Level 1 |
| 48. | Samfya District Hospital | Samfya | Luapula | GRZ- Ministry of Health | Hospital - Level 1 |
| 49. | Mother of Mercy Hospice | Chilanga | Lusaka | Mission | Hospital - Level 1 |
| 50. | Human Service Trust Hospice | Chilanga | Lusaka | NGO | Hospital -Level 1 |
| 51. | Zambian Helpers Society Hospital | Chilanga | Lusaka | Mission | Hospital -Level 1 |
| 52. | Chongwe District Hospital | Chongwe | Lusaka | GRZ- Ministry of Health | Hospital - Level 1 |
| 53. | Kafue General Hospital | Kafue | Lusaka | GRZ- Ministry of Health | Hospital -Level 2 |
| 54. | Katondwe Mission Hospital | Luangwa | Lusaka | GRZ- Ministry of Health | Hospital -Level 1 |
| 55. | Luangwa District Hospital | Luangwa | Lusaka | GRZ- Ministry of Health | Hospital - Level 1 |
| 56. | Cancer Diseases Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 3 |
| 57. | Chainama Hills Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital -Level 3 |
| 58. | Chawama Level 1 Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital -Level 1 |
| 59. | Chilenje Level 1 Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 1 |
| 60. | Chipata Level 1 Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 1 |
| 61. | Kanyama Level 1 Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital -Level 1 |
| 62. | Levy Mwanawasa Teaching Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital -Level 3 |

| | | | | | |
|----|--|------------|----------------|-------------------------|--------------------|
| 63 | Matero Level 1 Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 1 |
| 64 | University Teaching Hospitals- Adult & Emergency Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 3 |
| 65 | University Teaching Hospitals- Children's Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 3 |
| 66 | University Teaching Hospitals- Eye Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 3 |
| 67 | University Teaching Hospitals- Women and Newborn Hospital | Lusaka | Lusaka | GRZ- Ministry of Health | Hospital - Level 3 |
| 68 | Mpanshya (St. Luke) Mission Hospital | Rufunsa | Lusaka | Mission | Hospital - Level 1 |
| 69 | Chama District Hospital | Chama | Muchinga | GRZ- Ministry of Health | Hospital - Level 1 |
| 70 | Chinsali General Hospital | Chinsali | Muchinga | GRZ- Ministry of Health | Hospital -Level 2 |
| 71 | Isoka District Hospital | Isoka | Muchinga | GRZ- Ministry of Health | Hospital -Level 1 |
| 72 | Chilonga Mission Hospital | Mpika | Muchinga | Mission | Hospital - Level 2 |
| 73 | Michael Chilufya Sata Hospital | Mpika | Muchinga | GRZ- Ministry of Health | Hospital - Level 2 |
| 74 | Nakonde District Hospital | Nakonde | Muchinga | GRZ- Ministry of Health | Hospital -Level 1 |
| 75 | Chilubi Mainland Hospital | Chilubi | Northern | GRZ- Ministry of Health | Hospital -Level 1 |
| 76 | Kaputa District Hospital | Kaputa | Northern | GRZ- Ministry of Health | Hospital - Level 1 |
| 77 | Chilubula(St.Fedelis) Mission Hospital | Kasama | Northern | Mission | Hospital -Level 1 |
| 78 | Kasama General Hospital | Kasama | Northern | GRZ- Ministry of Health | Hospital -Level 2 |
| 79 | Luwingu District Hospital | Luwingu | Northern | GRZ- Ministry of Health | Hospital - Level 1 |
| 80 | Mbala General Hospital | Mbala | Northern | GRZ- Ministry of Health | Hospital - Level 2 |
| 81 | Mporokoso District Hospital | Mporokoso | Northern | GRZ- Ministry of Health | Hospital -Level 1 |
| 82 | Mpulungu District Hospital | Mpulungu | Northern | GRZ- Ministry of Health | Hospital -Level 1 |
| 83 | Mungwi District Hospital | Mungwi | Northern | GRZ- Ministry of Health | Hospital - Level 1 |
| 84 | Senga Hill District Hospital | Senga Hill | Northern | GRZ- Ministry of Health | Hospital - Level 1 |
| 85 | Chavuma Mission Hospital | Chavuma | North-Western | Mission | Hospital -Level 1 |
| 86 | Kalene Mission Hospital | Ikelenge | North-Western | Mission | Hospital -Level 1 |
| 87 | Kabompo District Hospital | Kabompo | North- Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 88 | Lumwana District Hospital | Kalumbila | North-Western | GRZ- Ministry of Health | Hospital -Level 1 |
| 89 | Mukinge Mission Hospital | Kasempa | North-Western | Mission | Hospital -Level 2 |
| 90 | Loloma Mission Hospital | Manyinga | North- Western | Mission | Hospital - Level 1 |
| 91 | Mufumbwe District Hospital | Mufumbwe | North- Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 92 | Luwi Mission Hospital | Mwinilunga | North-Western | Mission | Hospital -Level 1 |
| 93 | Mwinilunga District Hospital | Mwinilunga | North-Western | GRZ- Ministry of Health | Hospital -Level 1 |
| 94 | Solwezi General Hospital | Solwezi | North- Western | GRZ- Ministry of Health | Hospital - Level 2 |
| 95 | Chitokoloki Mission Hospital | Zambezi | North-Western | Mission | Hospital -Level 1 |
| 96 | Zambezi District Hospital | Zambezi | North-Western | GRZ- Ministry of Health | Hospital -Level 1 |

| | | | | | |
|-----|-------------------------------|-------------|----------|-------------------------|--------------------|
| 97 | Chikankata Mission Hospital | Chikankata | Southern | Mission | Hospital - Level 2 |
| 98 | Kafue Gorge Hospital | Chikankata | Southern | GRZ- Ministry of Health | Hospital - Level 1 |
| 99 | Choma General Hospital | Choma | Southern | GRZ- Ministry of Health | Hospital -Level 2 |
| 100 | Macha Mission Hospital | Choma | Southern | Mission | Hospital -Level 1 |
| 101 | Gwembe District Hospital | Gwembe | Southern | Mission | Hospital - Level 1 |
| 102 | New Gwembe District Hospital | Gwembe | Southern | Mission | Hospital -Level 1 |
| 103 | New Kalomo District Hospital | Kalomo | Southern | GRZ- Ministry of Health | Hospital -Level 1 |
| 104 | Namwianga Mission Hospital | Kalomo | Southern | Mission | Hospital - Level 1 |
| 105 | Livingstone Central Hospital | Livingstone | Southern | GRZ- Ministry of Health | Hospital - Level 3 |
| 106 | Mazabuka General Hospital | Mazabuka | Southern | GRZ- Ministry of Health | Hospital -Level 2 |
| 107 | Chikuni Mission Hospital | Monze | Southern | Mission | Hospital -Level 1 |
| 108 | Moyo Mini Hospital | Pemba | Southern | GRZ- Ministry of Health | Hospital - Level 1 |
| 109 | Monze Mission Hospital | Monze | Southern | Mission | Hospital - Level 2 |
| 110 | New Namwala District Hospital | Namwala | Southern | GRZ- Ministry of Health | Hospital -Level 1 |
| 111 | Siavonga District Hospital | Siavonga | Southern | GRZ- Ministry of Health | Hospital -Level 1 |
| 112 | Maamba General Hospital | Maamba | Southern | GRZ- Ministry of Health | Hospital - Level 2 |
| 113 | Zimba Mission Hospital | Zimba | Southern | Mission | Hospital -Level 1 |
| 114 | Kalabo District Hospital | Kalabo | Western | GRZ- Ministry of Health | Hospital -Level 1 |
| 115 | Yuka Mission Hospital | Kalabo | Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 116 | Kaoma District Hospital | Kaoma | Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 117 | Mangango Mission Hospital | Kaoma | Western | Mission | Hospital -Level 1 |
| 118 | Luampa Mission Hospital | Luampa | Western | Mission | Hospital -Level 1 |
| 119 | Lukulu District Hospital | Lukulu | Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 120 | Lewanika General Hospital | Mongu | Western | GRZ- Ministry of Health | Hospital -Level 2 |
| 121 | Mongu District Hospital | Mongu | Western | GRZ- Ministry of Health | Hospital -Level 1 |
| 122 | Mulobezi District Hospital | Mulobezi | Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 123 | Sichili Mission Hospital | Sichili | Western | Mission | Hospital - Level 1 |
| 124 | Mwandi Mission Hospital | Mwandi | Western | Mission | Hospital -Level 1 |
| 125 | Senanga General Hospital | Senanga | Western | GRZ- Ministry of Health | Hospital -Level 2 |
| 126 | Yeta District Hospital | Sesheke | Western | GRZ- Ministry of Health | Hospital - Level 1 |
| 127 | Shang'ombo District Hospital | Shang'ombo | Western | GRZ- Ministry of Health | Hospital -Level 1 |
| 128 | Mtendere Mission Hospital | Chirundu | Lusaka | Mission | Hospital -Level 2 |

K. C. ZULU,

Authority Secretary/Legal Counsel

LUSAKA

21st February, 2020

The Standards Act.
(Cap 416)

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 No. 4 of 2017, 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

13th February, 2020

N. SING'AMBWA,
Acting Executive Director,
Zambia Bureau of Standards

SCHEDULE

| S/N | DZS No. | Title of standard(s) |
|-----|---------|---|
| 1. | ZS 1149 | Fresh beets - Specification |
| 2. | ZS 1150 | Fresh figs - Specification |
| 3. | ZS 1151 | Fresh Grapefruits (Citrus paradisi) - Specification |
| 4. | ZS 1152 | Fresh Litchi - Specification |
| 5. | ZS 1153 | Fresh breadfruit - Specification |
| 6. | ZS 1154 | Fresh chayote - Specification |
| 7. | ZS 1155 | Fresh guavas - Specification |
| 8. | ZS 1156 | Fresh Limes - Specification |
| 9. | ZS 1157 | Fresh pitahayas (Dragon fruit) - Specification |
| 10. | ZS 1158 | Fresh plums (prunes) - Specification |
| 11. | ZS 1159 | Fresh quince - Specification |
| 12. | ZS 1160 | Fresh rambutan - Specification |
| 13. | ZS 1161 | Fresh truffles - Specification |
| 14. | ZS 1170 | Fresh spinach - Specification |
| 15. | ZS 1171 | Fresh Ceps - Specification |
| 16. | ZS 1172 | Fresh Chanterelles - Specification |
| 17. | ZS 1173 | Fresh Cherries - Specification |
| 18. | ZS 1174 | Fresh chicory (witloof) - Specification |
| 19. | ZS 1175 | Fresh Fennel - Specification |
| 20. | ZS 1176 | Raisins (Dried Grapes) - Specification |
| 21. | ZS 1177 | Pickled Cucumbers - Specification |
| 22. | ZS 1178 | Dried pineapples - Specification |
| 23. | ZS 1179 | Dried tomatoes - Specification |
| 24. | ZS 1180 | Dried Mangoes - Specification |
| 25. | ZS 1181 | Dried Peaches - Specification |
| 26. | ZS 1182 | Dried Pears - Specification |
| 27. | ZS 1183 | Dried Apples - Specification |
| 28. | ZS 1184 | Dried Apricots - Specification |
| 29. | ZS 1185 | Dehydrated vegetables - Specification |
| 30. | ZS 1186 | Pickled fruits and Vegetables - Specification |

| <i>S/N</i> | <i>DZS No.</i> | <i>Title of standard(s)</i> |
|------------|------------------------|---|
| 31. | ZS 1187 | Fresh Lemons - Specification |
| 32. | ZS 1188 | Fresh Dandelion - Specification |
| 33. | ZS 389 | Sugars - Specifications |
| 34. | ZS ISO 16813 | Building environment design Indoor environment General principles |
| 35. | ZS ISO/TR 52000-2 | Energy performance of buildings - Overarching EPB assessment — Part 2: Explanation and justification of ISO 52000-1 |
| 36. | ZS ISO/TR 52003-2 | Energy performance of buildings - Indicators, requirements, ratings and certificates - Part 2: Explanation and justification of ISO 52003-1 |
| 37. | ZS ITU-T Y.2111 | Resource and admission control functions in next generation networks |
| 38. | ZS ITU-T Y.2113 | Ethernet QoS control for next generation networks |
| 39. | ZS ITU-T Y.2121 | Requirements for the support of flow-state-aware transport technology in NGN |
| 40. | ZS ITU-T Y.2122 | Flow aggregate information exchange functions in NGN |
| 41. | ZS ITU-T Y.2171 | Admission control priority levels in NextGeneration Networks |
| 42. | ZS ITU-T Y.2172 | Service restoration priority levels in NextGeneration Networks |
| 43. | ZS ITU-T Y.2173 | Management of performance measurement for NGN |
| 44. | ZS ITU-T Y.2174 | Distributed RACF architecture for MPLS networks |
| 45. | ZS ITU-T Y.2175 | Centralized RACF architecture for MPLS core networks |
| 46. | ZS ETSI TS 132 410 | Key Performance Indicators (KPI) for UMTS and GSM (3GPP TS 32.410 version 9.0.0 Release 9) |
| 47. | ZS ITU-T G.704 | Synchronous frame structures used at 1544, 6312, 2048, 8448 and 44 736 kbit/s hierarchical levels |
| 48. | ZS ITU-T G.732 | Characteristics Of Primary PCM Multiplex Equipment Operating At 2048 Kbit/s |
| 49. | ZS ITU-T G.736 | Characteristics Of A Synchronous Digital Multiplex Equipment Operating At 2048 Kbit/s |
| 50. | ZS ITU-T G.823 | The control of jitter and wander within digital networks which are based on the 2048 kbit/s hierarchy |
| 51. | ZS ITU-T P.1501 | Subjective testing methodology for web browsing |
| 52. | ZS ITU-T H.362 | A framework for adaptive end-to-end QoS control based on variable bit-rate codecs in wireless networks |
| 53. | ZS ITU-T Y.2014 | Network attachment control functions in next generation networks. |
| 54. | ZS ITU-T Y.2018 | Mobility management and control framework and architecture within the NGN transport stratum. |
| 55. | ZS ITU-T Y.2233 | Requirements and framework allowing accounting and charging capabilities in NGN. |
| 56. | ZS ETSI TS 123 203 | Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture |
| 57. | ZS ITU-T Y.1231 | IP access network architecture. |
| 58. | ZS ITU-T G.7041/Y.1303 | Generic framing procedure (GFP). |
| 59. | ZS ITU-T G.8010/Y.1306 | Architecture of Ethernet layer networks. |
| 60. | ZS ITU-T G.8011/Y.1307 | Ethernet over Transport –Ethernet services framework. |
| 61. | ZS ITU-T G.8012/Y.1308 | Ethernet UNI and Ethernet NNI. |
| 62. | ZS ITU-T G.8021/Y.1341 | Characteristics of Ethernet Transport network equipment functional blocks. |
| 63. | ZS ITU-T G.8031/Y.1342 | Ethernet linear protection switching. |
| 64. | ZS ITU-T G.8032/Y.1344 | Ethernet ring protection Switching. |
| 65. | ZS ITU-T Y.1730 | Requirements for OAM functions in Ethernet-based networks and Ethernet services. |
| 66. | ZS ITU-T Y.1731 | OAM functions and mechanisms for Ethernet based networks. |
| 67. | ZS IEEE 802.1Q | IEEE standard for local and metropolitan area networks – Virtual Bridged Local Area Networks. |
| 68. | ZS ITU-T E.800 | Terms and definitions related to quality of service and network performance including dependability. |

| <i>S/N</i> | <i>DZS No.</i> | <i>Title of standard(s)</i> |
|------------|------------------------|---|
| 69. | ZS ITU-T G.711.1 | Wideband embedded extension for G.711 pulse code modulation. |
| 70. | ZS ITU-T G.722.2 | Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB). |
| 71. | ZS ITU-T G.729.1 | G.729-based embedded variable bitrate coder: An 8-32 kbit/s scalable wideband coder bitstream interoperable with G.729. |
| 72. | ZS ITU-T H.245 | Control protocol for multimedia communication. |
| 73. | ZS ITU-T P.800 | Methods for subjective determination of transmission quality. |
| 74. | ZS ITU-T P.910 | Subjective video quality assessment methods for multimedia applications. |
| 75. | ZS ITU-R BT.500 | Methodology for the subjective assessment of the quality of television pictures. |
| 76. | ZS ITU- T Handbook | Practical procedures for subjective testing, ITU, Geneva. |
| 77. | ZS ITU-T E.361 | QoS routing support for interworking of QoS service classes across routing technologies. |
| 78. | ZS ITU-T Y.1291 | An architectural framework for support of Quality of Service in packet networks. |
| 79. | ZS ITU-T M.3050 | Enhanced Telecom Operations Map (eTOM). |
| 80. | ZS ITU-T M.3060/Y.2401 | Principles for the Management of the Next Generation Networks. |
| 81. | ZS ITU-T O.211 | Test and measurement equipment to perform tests at the IP layer. |
| 82. | ZS ITU-T Y.1543 | Measurements in IP networks for inter-domain performance assessment. |
| 83. | ZS ITU-T G.701 | Vocabulary of digital transmission and multiplexing, and pulse code modulation (PCM) terms. |
| 84. | ZS ITU-T G.702 | Digital hierarchy bit rates. |
| 85. | ZS ITU-T G.742 | Second order digital multiplex equipment operating at 8448 kbit/s and using positive justification. |
| 86. | ZS ITU-T G.747 | Second order digital multiplex equipment operating at 6312 kbit/s and multiplexing three tributaries at 2048 kbit/s. |
| 87. | ZS ITU-T G.751 | Digital multiplex equipments operating at the third order bit rate of 34 368 kbit/s and the fourth order bit rate of 139 264 kbit/s and using positive justification. |
| 88. | ZS ITU-T G.752 | Characteristics of digital multiplex equipments based on a second order bit rate of 6312 kbit/s and using positive justification. |
| 89. | ZS ITU-T G.753 | Third order digital multiplex equipment operating at 34 368 kbit/s and using positive/zero/ negative justification. |
| 90. | ZS ITU-T G.755 | Digital multiplex equipment operating at 139 264 kbit/s and multiplexing three tributaries at 44 736 kbit/s. |
| 91. | ZS ITU-T G.810 | (1996), Definitions and terminology for synchronization networks |
| 92. | ZS ITU-T G.811 | Timing characteristics of primary reference clocks. |
| 93. | ZS ITU-T G.812 | Timing requirements of slave clocks suitable for use as node clocks in synchronization networks. |
| 94. | ZS ITU-T G.813 | Timing characteristics of SDH equipment slave clocks (SEC). |
| 95. | ZS ITU-T G.824 | The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy. |
| 96. | ZS ITU-T G.825 | The control of jitter and wander within digital networks which are based on the synchronous digital hierarchy (SDH). |
| 97. | ZS ITU-T G.8260 | Definitions and terminology for synchronization in packet networks. |
| 98. | ZS ITU-T G.8271/Y.1366 | Time and phase synchronization aspects of packet networks. |
| 99. | ZS ITU-T G.8272/Y.1367 | Timing characteristics of primary reference time clocks. |
| 100. | ZS ITU-T K.20 | Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents. |
| 101. | ZS ITU-T K.27 | Bonding configurations and earthing inside a telecommunication building. |
| 102. | ZS ITU-T O.151 | Error performance measuring equipment operating at the primary rate and above. |
| 103. | ZS ITU-T O.172 | Jitter and wander measuring equipment for digital systems which are based on the synchronous digital hierarchy (SDH). |

| <i>S/N</i> | <i>DZS No.</i> | <i>Title of standard(s)</i> |
|------------|----------------------------|--|
| 104. | ZS ITU-T V.11 | Electrical characteristics for balanced double-current interchange circuits operating at data signalling rates up to 10 Mbit/s. |
| 105. | ZS ITU-R F.750-4 | Architectures and functional aspects of radio-relay systems for synchronous digital hierarchy (SDH)—based networks. |
| 106. | ZS IEC 60469 | Transitions, pulses and related waveforms – Terms, definitions and algorithms. |
| 107. | ZS IEC 60469-2 | Pulse techniques and apparatus – Part 2: Pulse measurement and analysis, general considerations. |
| 108. | ZS IEC 60603-7 | Connectors for electronic equipment – Part 7: Detail specification for 8-way, unshielded, free and fixed connectors. |
| 109. | ZS ETSI ETS 300 166 | Transmission and Multiplexing (Ô); Physical and electrical characteristics of hierarchical digital interfaces for equipment using the 2048 kbit/s-based plesiochronous or synchronous digital hierarchies. |
| 110. | ZS ITU-T G.783 | Characteristics of Synchronous Digital Hierarchy (SDH) equipment functional blocks. |
| 111. | ZS ITU-T G.803 | Architecture of transport networks based on the Synchronous Digital Hierarchy (SDH). |
| 112. | ZS ITU-T G.822 | Controlled slip rate objectives on an international digital connection. |
| 113. | ZS ITU-T G.832 | Transport of SDH elements on PDH networks –Frame and multiplexing structures. |
| 114. | ZS ITU-T O.150 | General requirements for instrumentation for performance measurements on digital transmission equipment. |
| 115. | ZS ITU-T O.171 | Timing jitter and wander measuring equipment for digital systems which are based on the Plesiochronous Digital Hierarchy (PDH). |
| 116. | ZS ETSI TR 102 783 | Human Factors (HF); Webbased Guideline and Tutorial System for Real-time Communication Services; QoE (Quality of Experience) expressed in QoS (Quality of Service) terms; Supporting and maintenance information |
| 117. | ZS ITU-T FG-DFS | ITU- T Focus Group Digital Financial Services Main Recommendations |
| 118. | ZS 1102 | Requirements For IMT Mobile Terminals |
| 119. | ZS ITU-T G.800 | Unified functional architecture of transport networks |
| 120. | ZS ITU-T G.959.1 | Optical transport network physical layer interfaces |
| 121. | ZS ITU-T G.8113.1/Y.1372.1 | Operations, administration and maintenance mechanism for MPLS-TP in packet transport networks |
| 122. | ZS ITU-T E.135 | Human factors aspects of public telecommunication terminals for people with disabilities. |
| 123. | ZS ITU-T E.138 | Human factors aspects of public telephones to improve their usability for older people |
| 124. | ZS ITU-T F.790 | Telecommunications accessibility guidelines for older persons and persons with disabilities. |
| 125. | ZS ITU-T F.791 | Non-telephone telecommunication services |
| 126. | ZS ITU-T F.901 | Usability evaluation of telecommunication services. |
| 127. | ZS ITU-T F.902 | Interactive services design guidelines. |
| 128. | ZS ITU-T F.910 | Procedures for designing, evaluating and selecting symbols, pictograms and icons |
| 129. | ZS ITU-T F.921 | Audio-based network navigation system for persons with vision impairment. |
| 130. | ZS ITU-T V.18 | Operational and interworking requirements for DCEs operating in the text telephone mode |
| 131. | ZS ISO/IEC 24786 | User interfaces - Accessible user interface for accessibility settings |
| 132. | ZS ISO 9999 | Assistive products for persons with disability - Classification and terminology |
| 133. | ZS ISO 16201 | Technical aids for persons with disability -Environmental control systems for daily living. |
| 134. | ZS ISO/IEC 10779 | Office equipment accessibility guidelines for elderly persons and persons with disabilities. |
| 135. | ZS EN 300 607-1 | Digital cellular telecommunications system (Phase 2+); UE User Equipment (MS) conformance specification; Part 1: Conformance specification |
| 136. | ZS EN 300 910 V8.5.1 | Digital cellular telecommunications system (Phase 2+); Radio transmission and reception |
| 137. | ZS EN 300 910 V6.7.1 | Digital cellular telecommunications system (Phase 2+); Radio transmission and reception |
| 138. | ZS CISPR22 | Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement |

| <i>S/N</i> | <i>DZS No.</i> | <i>Title of standard(s)</i> |
|------------|------------------------------|---|
| 139. | ZS IEC 62262 | Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) |
| 140. | ZS EN 50082-1 | Electromagnetic Compatibility – Generic immunity Standards |
| 141. | ZS EN 50081-1 | Electromagnetic Compatibility – General Emission Standards and |
| 142. | ZS EN 6100-3-2/3 | Electromagnetic Compatibility – Limits of harmonics. |
| 143. | ZS EN 50361 | Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz– 3 GHz). |
| 144. | ZS ITU-T L.1000 | Standard on Mobile Phone Universal Chargers and Test suites for assessment of the universal charger solution. |
| 145. | ZS ETSI 151 010-1 | Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification |
| 146. | ZS ETSI EN 301 908-1 V5.2.1 | IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements. |
| 147. | ZS ETSI EN 301 908-02 | Electromagnetic compatibility and Radio spectrum Matter (ERM); Base Stations (BS) and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (UE) covering essential requirements of article 3.2 of the R&TTE Directive |
| 148. | ZS ETSI EN 301 908-4 V4.2.1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 4: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive |
| 149. | ZS ETSI EN 301 908-13 V6.1.1 | IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) ES 59005: Evaluation of Human Exposure, Specific Absorption Rate. |
| 150. | ZS ETSI TS 134 121 | Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Radio transmission and reception (FDD) |
| 151. | ZS ETSI TS 134 122 | Universal Mobile Telecommunications System (UMTS); Terminal conformance specification, Radio transmission and reception (TDD) |
| 152. | ZS ITU-R M.1457-9 | Detailed specifications of the terrestrial radio interfaces of International Mobile Telecommunications-2000 (IMT-2000) |
| 153. | ZS EN 301 549 V1.1.1 | Accessibility requirements suitable for public procurement of ICT products and services in Europe |
| 154. | ZS EN 62209-1 | Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures – Part 1: Procedure to determine the specific absorption rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz) |
| 155. | ZS ITU-T G.805 | Generic functional architecture of transport networks. |
| 156. | ZS ITU-T G.8080 | Architecture for the automatically switched optical network. |
| 157. | ZS ITU-T X.200 | Information technology – Open Systems Interconnection – Basic Reference Model: The basic model. |
| 158. | ZS ITU-T G.652 | Characteristics of a single-mode optical fibre and cable. |
| 159. | ZS ITU-T G.653 | Characteristics of a dispersion-shifted single-mode optical fibre and cable. |
| 160. | ZS ITU-T G.655 | Characteristics of a non-zero dispersion-shifted single-mode optical fibre and cable. |
| 161. | ZS ITU-T G.664 | Optical safety procedures and requirements for optical transport systems. |
| 162. | ZS ITU-T G.691 | Optical interfaces for single channel STM-64 and other SDH systems with optical amplifiers. |

| <i>S/N</i> | <i>DZS No.</i> | <i>Title of standard(s)</i> |
|------------|----------------------------|--|
| 163. | ZS ITU-T G.692 | Optical interfaces for multichannel systems with optical amplifiers. |
| 164. | ZS ITU-T G.693 | Optical interfaces for intra-office systems. |
| 165. | ZS ITU-T G.694.1 | Spectral grids for WDM applications: DWDM frequency grid. |
| 166. | ZS ITU-T G.695 | Optical interfaces for coarse wavelength division multiplexing applications. |
| 167. | ZS ITU-T G.707 | Network node interface for the synchronous digital hierarchy (SDH). |
| 168. | ZS ITU-T G.709 | Interfaces for the optical transport network. |
| 169. | ZS ITU-T G.870/Y.1352 | Terms and definitions for optical transport networks. |
| 170. | ZS ITU-T G.872 | Architecture of optical transport networks. |
| 171. | ZS ITU-T G.957 | Optical interfaces for equipments and systems relating to the synchronous digital hierarchy. |
| 172. | ZS ITU-T G.8251 | The control of jitter and wander within the optical transport network (OTN). |
| 173. | ZS IEC 60825-2 | Safety of laser products – Part 2: Safety of optical fibre communication systems (OFCS). |
| 174. | ZS ITU-T G.806 | Characteristics of transport equipment – Description methodology and generic functionality |
| 175. | ZS ITU-T G.808.1 | Generic protection switching – Linear trail and subnetwork protection. |
| 176. | ZS ITU-T G.826 | End-to-end error performance parameters and objectives for international, constant bit-rate digital paths and connections. |
| 177. | ZS ITU-T G.7710/Y.1701 | Common equipment management function requirements. |
| 178. | ZS ITU-T G.7712/Y.1703 | Architecture and specification of data communication network. |
| 179. | ZS ITU-T G.8010/Y.1306 | Architecture of Ethernet layer networks. |
| 180. | ZS ITU-T G.8013/Y.1731 | Operations, administration and maintenance (OAM) functions and mechanisms for Ethernet-based networks |
| 181. | ZS ITU-T G.8021/Y.1341 | Characteristics of Ethernet transport network equipment functional blocks. |
| 182. | ZS ITU-T G.8110.1/Y.1370.1 | Architecture of MultiProtocol Label Switching transport profile layer network. |
| 183. | ZS ITU-T M.1400 | Designations for interconnections among operators' networks. |
| 184. | ZS IEC 61588 | Precision clock synchronization protocol for networked measurement and control systems. |
| 185. | ZS ISO 3166-1 | Codes for the representation of names of countries and their subdivisions – Part 1: Country codes. |
| 186. | ZS ITU-T E.121 | Pictograms, symbols and icons to assist users of the telephone. |
| 187. | ZS ITU-T E.134 | Human factors aspects of public terminals: Generic Operating procedures |
| 188. | ZS ITU-T E.136 | Specification of a tactile identifier for use with telecommunication cards |
| 189. | ZS ITU-T E.137 | User instructions for payphones |
| 190. | ZS ITU-T E.180/Q.35 | Technical characteristics of tones for the telephone service |
| 191. | ZS ITU-T P.370 | Coupling of hearing aids to telephone sets |
| 192. | ZS ISO 13406-2 | Ergonomic requirements for work with visual displays based on flat panels – Part 2: Ergonomic requirements for flat panel displays |
| 193. | ZS EN 1332-4 | Machine-readable cards, related device interfaces, and operations. Part 4: Coding of user requirements for people with special needs |
| 194. | ZS ETSI EN 301 462 | Human Factors (HF); Symbols to identify telecommunications facilities for deaf and hard of hearing people. |
| 195. | ZS ITU-T E.183 | Guiding Principles for Telephone Announcements |
| 196. | ZS ISO/IEC 13714 | Information technology - Document processing and related communication |
| 197. | ZS ISO 23599 | Assistive products for blind and vision-impaired persons – Tactile walking surface indicators |
| 198. | ZS ITU-T H.324 | Terminal for low bit-rate multimedia communication |
| 199. | ZS ITU-T Q.23 | Technical features of push-button telephone sets |
| 200. | ZS ITU-T T.50 | International Reference Alphabet (IRA) (formerly International Alphabet No. 5 or IA5) – Information technology – 7-bit coded character set for information interchange |

| <i>S/N</i> | <i>DZS No.</i> | <i>Title of standard(s)</i> |
|------------|---------------------|---|
| 201. | ZS ITU-T T.140 | Protocol for multimedia application text conversation |
| 202. | ZS ITU-T V.8 | Procedures for starting sessions of data transmission over the public switched telephone network |
| 203. | ZS ITU-T V.8 bis | Procedures for the identification and selection of common modes of operation between Data Circuit-terminating Equipments (DCEs) and between Data Terminal Equipments (DTEs) over the public switched telephone network and on leased point-to-point telephone-type circuits |
| 204. | ZS ITU-T V.21 | 300 bits per second duplex modem standardized for use in the general switched telephone network |
| 205. | ZS ITU-T V.23 | 600/1200-baud modem standardized for use in the general switched telephone network |
| 206. | ZS ITU-T V.25 | Automatic answering equipment and general procedures for automatic calling equipment on the general switched telephone network including procedures for disabling of echo control devices for both manually and automatically established calls |
| 207. | ZS ITU-T V.61 | A simultaneous voice plus data modem, operating at a voice plus data signalling rate of 4800 bit/s, with optional automatic switching to data-only signalling rates of up to 14 400 bit/s, for use on the general switched telephone network and on leased point-to-point 2-wire telephone-type circuits. |
| 208. | ZS ITU-T V.70 | Procedures for the simultaneous transmission of data and digitally encoded voice signals over the GSTN, or over a 2-wire leased point-to-point telephone type circuits |
| 209. | ZS ITU-T V.250 | Serial asynchronous automatic dialling and control |
| 210. | ZS ANSI TIA/EIA-825 | A Frequency Shift Keyed Modem for use on the Public Switched Telephone Network |
| 211. | ZS ISO/IEC Guide 71 | Guidelines for standards developers to address the needs of older persons and persons with disabilities |
| 212. | ZS ISO 13407 | Human-centred design processes for interactive systems |
| 213. | ZS EN 55011 | Industrial, scientific and medical (ISM) radio-frequency equipment — Radio disturbance characteristics — Limits and methods of measurement |
| 214. | ZS IEC 60601-1 | Medical electrical equipment — Part 1: General requirements for basic safety and essential performance |
| 215. | ZS IEC 60601-1-1 | Medical electrical equipment — Part 1-1: General requirements for safety — Collateral standard: Safety requirements for medical electrical systems |
| 216. | ZS ISO/IEC 2382-1 | Information technology — Vocabulary — Part 1: Fundamental terms |
| 217. | ZS ITU-T X.1093 | Telebiometric access control with smart ID cards |
| 218. | ZS ITU-T X.1086 | Telebiometrics protection procedures — Part 1: A guideline to technical and managerial countermeasures for biometric data security |
| 219. | ZS ITU-T X.1081 | The telebiometric multimodal model — A framework for the specification of security and safety aspects of telebiometrics |
| 220. | ZS ISO/IEC 24713-1 | Information technology — Biometric profiles for interoperability and data interchange — Part 1: Overview of biometric systems and biometric profiles |
| 221. | ZS ISO/IEC 19785-1 | Information technology — Common Biometric Exchange Formats Framework — Part 1: Data element specification |
| 222. | ZS ISO/IEC 19792 | Information technology — Security techniques — Security evaluation of biometrics |
| 223. | ZS ISO/IEC 24745 | Information technology — Security techniques — Biometric information protection |
| 224. | ZS ISO/IEC 29146 | Information technology — Security techniques — A framework for access management |
| 225. | ZS ISO/IEC 19794-2 | Information technology — Biometric data interchange formats — Part 2: Finger minutiae data |
| 226. | ZS ISO/IEC 19794-4 | Information technology — Biometric data interchange formats — Part 4: Finger image data |
| 227. | ZS ISO/IEC 19794-5 | Information technology — Biometric data interchange formats — Part 5: Face image data |
| 228. | ZS ISO/IEC 19794-6 | Information technology — Biometric data interchange formats — Part 6: Iris image data |

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| 229. | ZS ISO/IEC 19794-8 | Information technology — Biometric data interchange formats — Part 8: Finger pattern skeletal data |
| 230. | ZS ISO/IEC 2382-37 | Information technology – Vocabulary – Part 37: Biometrics |
| 231. | ZS ISO/IEC 14495-1 still | Information technology – Lossless and near-lossless compression of continuous-tone images: Baseline |
| 232. | ZS ISO/IEC 14495-2 still | Information technology – Lossless and near-lossless compression of continuous-tone images: Extensions |
| 233. | ZS ISO/IEC 15444-1 | Information technology – JPEG 2000 Image coding system – Part 1: Core coding system |
| 234. | ZS ISO/IEC 15948 | Information technology – Computer graphics and image processing – Portable Network Graphics (PNG): Functional specification |
| 235. | ZS ISO/IEC 19784-1 | Information technology – Biometric application programming interface – Part 1: BioAPI specification |
| 236. | ZS ISO/IEC 19785-4 | Information technology – Common Biometric Exchange Formats Framework – Part 4: Security block format specifications |
| 237. | ZS ISO/IEC 19794-1 | Information technology — Biometric data interchange formats — Part 1: Framework |
| 238. | ZS ISO/IEC 19795-1 | Information technology — Biometric performance testing and reporting — Part 1: Principles and framework |
| 239. | ZS ISO/IEC 19795-4 | Information technology — Biometric performance testing and reporting — Part 4: Interoperability performance testing |
| 240. | ZS ISO/IEC 19795-7 | Information technology — Biometric performance testing and reporting — Part 7: Testing of on-card biometric comparison algorithms |
| 241. | ZS ISO/IEC 20027 | Information technology — Guidelines for slap tenprint fingerprinture |
| 242. | ZS ISO/IEC 24708 | Information technology — Biometrics — BioAPI Interworking Protocol |
| 243. | ZS ISO/IEC 24709-1 | Information technology — Conformance testing for the biometric application programming interface (BioAPI) — Part 1: Methods and procedures |
| 244. | ZS ISO/IEC 24760-1 | IT Security and Privacy — A framework for identity management — Part 1: Terminology and concepts |
| 245. | ZS ISO/IEC 29100 | Information technology — Security techniques — Privacy framework |
| 246. | ZS ISO/IEC 29109-1 | Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 — Part 1: Generalized conformance testing methodology |
| 247. | ZS ISO/IEC 29109-2 | Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 — Part 2: Finger minutiae data |
| 248. | ZS ISO/IEC 29109-4 | Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 — Part 4: Finger image data |
| 249. | ZS ISO/IEC 29109-5 | Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 — Part 5: Face image data |
| 250. | ZS ISO/IEC 29109-6 | Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 — Part 6: Iris image data |
| 251. | ZS ISO/IEC 29794-6 | Information technology — Biometric sample quality — Part 6: Iris image data |
| 252. | ZS ISO/IEC TR 24741 | Information technology — Biometrics — Overview and application |
| 253. | ZS ISO/IEC TR 29196 | Information technology — Guidance for biometric enrolment |
| 254. | ZS ISO/IEC TR 29794-5 | Information technology — Biometric sample quality — Part 5: Face image data |
| 255. | ZS RFC 2119 | Key words for use in RFCs to Indicate Requirement Levels. |
| 256. | ZS ITU-T X.1084 | Telebiometrics system mechanism –Part 1: General biometric authentication protocol and system model profiles for telecommunications systems. |
| 257. | ZS ISO/IEC 24761 | Information technology – Security techniques – Authentication context for biometrics |

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| 258. | ZS ITU-T X.810 ZS ISO/IEC 10181-1 | Information technology – Open Systems Interconnection – Security frameworks for open systems: Overview. |
| 259. | ZS ISO/IEC 80000-series | Quantities and units |
| 260. | ZS ISO/IEC 24760-1 | Information technology — Security techniques — A framework for identity management — Part 1: Terminology and concepts |
| 261. | ZS ISO/IEC 24760-2 | Information technology — Security techniques — A framework for identity management — Part 2: Reference architecture and requirements |
| 262. | ZS ISO/IEC 29115 | Information technology — Security techniques — Entity authentication assurance framework |
| 263. | ZS ISO/IEC 7816-11 | Identification cards — Integrated circuit cards — Part 11: Personal verification through biometric methods |
| 264. | ZS ISO/IEC 19785-2 | Information technology — Common Biometric Exchange Formats Framework — Part 2: Procedures of the operation of the Biometric Registration Authority |
| 265. | ZS ISO/IEC 19785-3 | Common Biometric Exchange Formats Framework (CBEFF) — Part 1: Data Element Specification |
| 266. | ZS ISO/IEC 10918-1 | Information technology — Digital compression and coding of continuous-tone still images: Requirements and guidelines |
| 267. | ZS ISO/IEC 14496-2 | Information technology - Coding of audio-visual objects - Part 2: Visual (MPEG4) |
| 268. | ZS ISO/IEC 10918 (all parts) | Information technology — Digital compression and coding of continuous-tone still images |
| 269. | ZS ISO/IEC 15444 (all parts) | Information technology — JPEG 2000 image coding system |
| 270. | ZS ISO/IEC 14495 (all parts) | Information technology — Lossless and near-lossless compression of continuous-tone still images |
| 271. | ZS ISO/IEC 7816-6 | Identification cards — Integrated circuit cards — Part 6: Interindustry data elements for interchange |
| 272. | ZS ISO/IEC 646 | Information technology – ISO 7-bit coded character set for information interchange |
| 273. | ZS ISO 5807 | Information processing – Documentation symbols and conventions for data, program and system flowcharts, program network charts and system resources charts. |
| 274. | ZS ISO/IEC 9899 | Programming languages – C |
| 275. | ZS ITU-R BT.601-6 | Studio encoding parameters of digital television for standard 4:3 and wide screen 16:9 aspect ratios. |
| 276. | ZS ITU-R BT.709-5 | Parameter values for the HDTV standards for production and international programme exchange. |
| 277. | ZS IEC 61966-2-1 | Multimedia systems and equipment – Colour measurement and management – Part 2-1: Colour management – Default RGB colour space – sRGB. |
| 278. | ZS IETF RFC 2279 | UTF-8, a transformation format of ISO 10646. |
| 279. | ZS ISO 11664-1 | Colorimetry – Part 1: CIE standard colorimetric observers. |
| 280. | ZS ISO 14721 | Space data and information transfer systems – Open archival information system – Reference model. |
| 281. | ZS ISO 15076-1 | Image technology colour management – Architecture, profile format and data structure – Part 1: Based on ICC.1:2010. |
| 282. | ZS ISO 26428-1 | Digital cinema (D-cinema) distribution master – Part 1: Image characteristics. |
| 283. | ZS ISO/IEC 11578 | Information technology – Open Systems Interconnection – Remote Procedure Call. |
| 284. | ZS ISO/IEC 10646 | Information technology — Universal Coded Character Set (UCS) |
| 285. | ZS ISO/IEC 8824 (all parts) ITU-T Rec. X.680–683 | Information technology — Abstract Syntax Notation One (ASN.1) |

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| 286. | ZS ISO/IEC 8825 (all parts) ITU-T Rec. X.690-693 | Information technology — ASN.1 encoding rules |
| 287. | ZS ISO/IEC 9798-6 | Information technology — Security techniques — Entity authentication —Part 6: Mechanisms using manual data transfer |
| 288. | ZS RFC 3852 | Cryptographic Message Syntax (CMS) |
| 289. | ZS RFC 5911 | New ASN.1 Modules for Cryptographic Message Syntax (CMS) and S-MIME |
| 290. | ZS ISO/IEC 29794-1 | Information technology — Biometric sample quality — Part 1 : Framework |
| 291. | ZS ISO/IEC 19795-2 | Information technology — Biometric performance testing and reporting — Part 2: Testing methodologies for technology and scenario evaluation |
| 292. | ZS ISO/IEC 7816-4 | Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange |
| 293. | ZS ISO/IEC TR 8802-1 | Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 1 : Overview of Local Area Network Standards. |
| 294. | ZS ISO 8601 | Data elements and interchange formats — Information interchange — Representation of dates and times |
| 295. | ZS ISO/IEC 24760-2 | Information technology — Security techniques — A framework for identity management — Part 2: Reference architecture and requirements |
| 296. | ZS ITU-T Y.2222 | Sensor control networks and related applications in a next generation network environment |
| 297. | ZS ITU-T F.747.1 | Capabilities of ubiquitous sensor networks for supporting the requirements of smart metering services |
| 298. | ZS ITU-T Y.2064 | Energy saving using smart objects in home networks |
| 299. | ZS ITU-T Y.2020 | Open service environment functional architecture for next generation networks. |
| 300. | ZS ITU-T Y.2061 | Requirements for the support of machine-oriented communication applications in the next generation network environment. |
| 301. | ZS ITU-T Y.2234 | Open service environment capabilities for NGN. |
| 302. | ZS ITU-T Y.2240 | Requirements and capabilities for next generation network service integration and delivery environment. |
| 303. | ZS ITU-T F.744 | Service description and requirements for ubiquitous sensor network middleware. |
| 304. | ZS ITU-T Y.2221 | Requirements for support of ubiquitous sensor network (USN) applications and services in the NGN environment. |
| 305. | ZS ITU-T Y.2002 | Overview of ubiquitous networking and of its support in NGN. |
| 306. | ZS ITU-T Y.2060 | Overview of the Internet of things. |
| 307. | ZS ITU-T Y.2062 | Framework of object-to-object communication for ubiquitous networking in next generation networks. |
| 308. | ZS ITU-T Y.2281 | Framework of networked vehicle services and applications using NGN. |
| 309. | ZS ITU-T Y.2291 | Architectural overview of next generation home networks. |
| 310. | ZS 1185 | Paints, Varnishes, And Related Products — Requirements For Total Lead Content Based On Dry Weight. |
| 311. | ZS ASTM E-1613 | Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques. |
| 312. | ZS ASTM E-1645 | Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis. |
| 313. | ZS 1168 | Rigid Hermetic Plastic Silo - Specification |
| 314. | ZS 1202 | Woven Hermetic Storage Bag — Specification |
| 315. | ZS 1203 | Flexible Hermetic Plastic Silo - Specification |

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| 316. | ZS ISO 1663 | Rigid cellular plastics — Determination of water vapour transmission properties |
| 317. | ZS ISO 4591 | Plastics — Film and sheeting — Determination of average thickness of a sample, and average thickness and yield of a roll, by gravimetric techniques (gravimetric thickness) |
| 318. | ZS ISO 2556 | Plastics — Determination of the gas transmission rate of films and thin sheets under atmospheric pressure — Manometric method |
| 319. | ZS ISO 1926 | Rigid cellular plastics — Determination of tensile properties |
| 320. | ZS ISO 8256 | Plastics — Determination of tensile-impact strength |
| 321. | ZS ISO 10193 | General use light gauge metal containers — Nominal filling volumes of round cylindrical and tapered containers of up to 40 000 m |
| 322. | ZS ASTM D1238 | Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer |
| 323. | ZS ISO 1133-1 | Plastics — Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics Part 1 Standard method |
| 324. | ZS ISO 1133-2 | Plastics — Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics Part 2 Method for materials sensitive to time-temperature history and/or moisture |
| 325. | ZS EN 1186-1 | Materials and articles in contact with foodstuffs – Plastics Part 1 Part 1: Guide to the selection of conditions and test methods for overall migration. |
| 326. | ZS EN 1186-2 | Materials and articles in contact with foodstuffs – Plastics Part 2 Test methods for overall migration into olive oil by total immersion. |
| 327. | ZS EN 1186-3 | Materials and articles in contact with foodstuffs – Plastics Part 3 Test methods for overall migration into aqueous food simulants by total immersion. |
| 328. | ZS EN 1186-4 | Materials and articles in contact with foodstuffs – Plastics Part 4 Test methods for overall migration into olive oil by cell. |
| 329. | ZS EN 1186-5 | Materials and articles in contact with foodstuffs – Plastics Part 5 Test methods for overall migration into aqueous food simulants by cell. |
| 330. | ZS EN 1186-6 | Materials and articles in contact with foodstuffs – Plastics Part 6 Test methods for overall migration into olive oil using a pouch. |
| 331. | ZS EN 1186-7 | Materials and articles in contact with foodstuffs – Plastics Part 7 Test methods for overall migration into aqueous food simulants using a pouch. |
| 332. | ZS EN 1186-8 | Materials and articles in contact with foodstuffs – Plastics Part 8 Test methods for overall migration into olive oil by article filling. |
| 333. | ZS EN 1186-9 | Materials and articles in contact with foodstuffs - Plastics - Part 9: Test methods for overall migration into aqueous food simulants by article filling |
| 334. | ZS EN 1186-10 | Materials and articles in contact with foodstuffs - Plastics - Part 10: Test methods for overall migration into olive oil (modified method for use in cases where incomplete extraction of olive oil occurs). |
| 335. | ZS EN 1186-11 | Materials and articles in contact with foodstuffs - Plastics - Part 11: Test methods for overall migration into mixtures of C-labelled synthetic triglycerides. |
| 336. | ZS EN 1186-12 | Materials and articles in contact with foodstuffs - Plastics - Part 12: Test methods for overall migration at low temperatures. |
| 337. | ZS EN 1186-13 | Materials and articles in contact with foodstuffs - Plastics - Part 13: Test methods for overall migration at high temperatures |
| 338. | ZS EN 1186-14 | Materials and articles in contact with foodstuffs - Plastics - Part 14: Test methods for 'substitute tests' for overall migration from plastics intended to come into contact with fatty foodstuffs using test media ISO-octane and 95 % ethanol. |
| 339. | ZS EN 1186-15 | Materials and articles in contact with foodstuffs - Plastics - Part 15: Alternative test methods to migration into fatty food simulants by rapid extraction into ISO-octane and/or 95 % ethanol. |
| 340. | ZS EN 13130-1 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 1 Guide to test methods for the specific migration of substances from plastics |

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| 341. | ZS EN 13130-2 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 2 Determination of terephthalic acid in food simulants |
| 342. | ZS EN 13130-3 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 3 Determination of acrylonitrile in food and food simulants |
| 343. | ZS EN 13130-4 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 4 Determination of 1,3-butadiene in plastics |
| 344. | ZS EN 13130-5 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 5 Determination of vinylidene chloride in food simulants |
| 345. | ZS EN 13130-6 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 6 Determination of vinylidene chloride in plastics |
| 346. | ZS EN 13130-7 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 7 Determination of ethylene glycol and diethylene glycol in food simulants |
| 347. | ZS EN 13130-8 | Standard methods for the quantification of extractable monomers used for food-contact plastics Part 8 Determination of ISOCyanates in plastics |
| 348. | ZS ISO 177 | Plastics — Determination of migration of plasticizers |
| 349. | ZS ASTM D3985 | Standard Test Method for Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor |
| 350. | ZS ISO 7765-1 | Plastics film and sheeting — Determination of impact resistance by the free-falling dart method — Part 1: Staircase methods |
| 351. | ZS ISO 7765-2 | Plastic film and sheeting-Determination of Impact resistance by free falling dart method Part 2: Instrumented punctured test |
| 352. | ZS ISO 6383-1 | Plastic film and sheeting-Determination of tear resistance Part 1: Trouser tear method |
| 353. | ZS ISO 6383-2 | Plastic film and sheeting-Determination of tear resistance Part 2: Elmendorf-method |
| 354. | ZS ASTM F 1927 | Standard Test Method for Determination of Oxygen Gas Transmission Rate, Permeability and Permeance at Controlled Relative Humidity Through Barrier Materials Using a Coulometric Detector |
| 355. | ZS ASTM F1306 | Standard Test Method for Slow Rate Penetration Resistance of Flexible Barrier Films and Laminates |
| 356. | ZS ASTM D882 | Standard Test Method for Tensile Properties of thin Plastic Sheeting |
| 357. | ZS ASTM D1709 | Standard Test Methods for Impact Resistance |
| 358. | ZS ASTM G154 | Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials |
| 359. | ZS ISO 291 | Plastics — Standard atmospheres for conditioning and testing |
| 360. | ZS ISO 2818 | Plastics — Preparation of test specimens by machining |
| 361. | ZS ARS 502 | Compound fertilizers — Specification |
| 362. | ZS ARS 505 | Fertilizers — Ammonium sulphate — Specification |
| 363. | ZS ARS 1483 | Calcium ammonium nitrate (CAN) fertilizer — Specification |
| 364. | ZS ARS 1487 | Potassium chloride (muriate of potash) fertilizer — Specification |
| 365. | ZS ARS 1488 | Potassium sulphate (sulphate of potash) fertilizer grade — Specification |
| 366. | ZS EN 12048 | Solid fertilizers and liming materials — Determination of moisture content — Gravimetric method by drying at 105 ±2 °C |
| 367. | ZS EN 15477 | Fertilizers — Determination of the water-soluble potassium content |
| 368. | ZS EN 15925 | Fertilizers — Extraction of total sulfur present in various forms |
| 369. | ZS EN 16032 | Fertilizers — Extraction and determination of elemental sulfur |
| 370. | ZS EN 16195 | Fertilizers — Determination of chlorides in the absence of organic material |
| 371. | ZS EN 13475 | Liming materials — Determination of calcium content — Oxalate method |
| 372. | ZS EN 15926 | Fertilizers — Extraction of water soluble sulfur where the sulfur is in various forms |
| 373. | ZS EN 16197 | Fertilizers — Determination of magnesium by atomic absorption spectrometry |

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| 374. | ZS EN 16198 | Fertilizers — Determination of magnesium by complexometry |
| 375. | ZS EN 16963 | Fertilizers — Determination of boron, cobalt, copper, iron, manganese, molybdenum and zinc using ICP-AES |
| 376. | ZS EN 16965 | Fertilizers — Determination of cobalt, copper, iron, manganese and zinc using flame atomic absorption spectrometry (FAAS) |
| 377. | ZS ISO 5314 | Fertilizers — Determination of ammoniacal nitrogen content — Titrimetric method after distillation |
| 378. | ZS ISO 5315 | Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation |
| 379. | ZS ISO 7409 | Fertilizers — Marking — Presentation and declarations |
| 380. | ZS ISO 8157 | Fertilizers and soil conditioners — Vocabulary |
| 381. | ZS ISO 14820-1 | Fertilizers and liming materials — Sampling and sample preparation — Part 1: Sampling |
| 382. | ZS ISO 14820-2 | Fertilizers and liming materials — Sampling and sample preparation — Part 2: Sample preparation |
| 383. | ZS ISO 15604 | Fertilizers — Determination of different forms of nitrogen in the same sample, containing nitrogen as nitric, ammoniacal, urea and cyanamide nitrogen |
| 384. | ZS ISO 17318 | Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents |
| 385. | ZS ISO 17319 | Fertilizers and soil conditioners — Determination of water-soluble potassium content — Potassium tetraphenylborate gravimetric method |
| 386. | ZS ISO 20978 | Neutralising value measurement (or determination) |
| 387. | ZS ISO 25475 | Fertilizers — Determination of ammoniacal nitrogen |
| 388. | ZS ISO 6598 | Fertilizers — Determination of phosphorus content — Quinoline phosphomolybdate gravimetric method |
| 389. | ZS ISO 10084 | Solid fertilizers — Determination of mineral-acid-soluble sulfate content — Gravimetric method |
| 390. | ZS ISO 11014 | Safety data sheet for chemical products — Content and order of sections |
| 391. | ZS ISO 11465 | Soil quality — Determination of dry matter and water content on a mass basis — Gravimetric method |
| 392. | ZS ISO 11261 | Soil quality — Determination of total nitrogen — Modified Kjeldahl method |
| 393. | ZS ISO 11265 | Soil quality — Determination of the specific electrical conductivity |
| 394. | ZS ISO 15178 | Soil quality — Determination of total sulfur by dry combustion |
| 395. | ZS ISO 17184 | Soil quality — Determination of carbon and nitrogen by near-infrared spectrometry (NIRS) |
| 396. | ZS 1142 | Domestic Solar Water Heaters |
| 397. | ZS 1143 | Domestic Solar Water Heaters — Mechanical Qualification Tests |
| 398. | ZS 1144-1 | Domestic Solar Water Heaters Part 1: Thermal Performance Using An Outdoor Test Method |
| 399. | ZS 1144-2 | Domestic Solar Water Heaters Part 2: Thermal Performance Using An Indoor Test Method |
| 400. | ZS 1145 | The Installation, Maintenance, Repair And Replacement Of Domestic Solar Water Heating Systems |
| 401. | ZS EN 1057 | Copper and copper alloys - Seamless, round copper tubes for water and gas in sanitary and heating applications |
| 402. | ZS EN 1706 | Aluminium and aluminium alloys – Castings – Chemical composition and mechanical properties. |
| 403. | ZS ISO 2063 | Thermal spraying – Metallic and other inorganic coatings – Zinc, aluminium and their alloys. |
| 404. | ZS ISO 7599 | Anodizing of aluminium and its alloys — General specifications for anodic oxidation coatings on aluminium |
| 405. | ZS ISO/TR 10217 | Solar energy — Water heating systems — Guide to material selection with regard to internal corrosion |

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| 406. | ZS ISO 6509 | Corrosion of metals and alloys – Determination of dezincification resistance of brass. |
| 407. | ZS ISO 7253 | Paints and varnishes – Determination of resistance to neutral salt spray (fog). |
| 408. | ZS ASTM E 1056 | Standard practice for installation and service of solar domestic water heating systems for one- and two-family dwellings. |
| 409. | ZS ISO 8191-1 | Furniture — Assessment of the ignitability of upholstered furniture — Part 1: Ignition source: shouldering cigarette |
| 410. | ZS ISO 9098-1 | Bunk beds for domestic use — Safety requirements and tests — Part 1: Safety requirements |
| 411. | ZS ISO 9098-2 | Bunk beds for domestic use — Safety requirements and tests — Part 2: Test methods |
| 412. | ZS ISO 9221-1 | Furniture — Children’s high chairs — Part 1: Safety requirements |
| 413. | ZS ISO 9221-2 | Furniture — Children’s high chairs — Part 2: Test methods |
| 414. | ZS ISO 10131-1 | Foldaway beds — Safety requirements and tests — Part 1: Safety requirements |
| 415. | ZS ISO 10131-2 | Foldaway beds — Safety requirements and tests — Part 2: Test methods |
| 416. | ZS ISO 19833 | Furniture — Beds — Test methods for the determination of stability, strength and durability |
| 417. | ZS ISO 21015 | Office furniture — Office work chairs — Test methods for the determination of stability, strength and durability |
| 418. | ZS ISO 24496 | Office furniture — Office chairs — Methods for the determination of dimensions |
| 419. | ZS ISO 7172:1988 | Furniture — Tables — Determination of stability |
| 420. | ZS ISO 7173:1989 | Furniture — Chairs and stools — Determination of strength and durability |
| 421. | ZS ISO 7174-1 | Furniture — Chairs — Determination of stability — Part 1: Upright chairs and stools |
| 422. | ZS ISO 7174-2 | Furniture — Chairs — Determination of stability — Part 2: Chairs with tilting or reclining mechanisms when fully reclined, and rocking chairs |
| 423. | ZS ISO 7175-1 | Furniture — Children’s cots and folding cots for domestic use — Part 1: Safety requirements |
| 424. | ZS ISO 7175-2 | Furniture — Children’s cots and folding cots for domestic use — Part 2: Test methods |
| 425. | ZS ISO 8191-2 | Furniture — Assessment of ignitability of upholstered furniture — Part 2: Ignition source: match-flame equivalent. |
| 426. | ZS ISO 2300 | Sawn Timber of broadleaved species - Defects - Terms and Definitions |
| 427. | ZS ISO 24294 | Timber Round and Sawn Timber – Vocabulary |
| 428. | ZS ASTM D7480 - 08 | Standard Guide for Evaluating the Attributes of a Forest Management Plan |
| 429. | ZS ASTM D5516 - 18 | Standard Test Method for Evaluating the Flexural Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures |
| 430. | ZS ASTM D5664 - 17 | Standard Test Method for Evaluating the Effects of Fire-Retardant Treatments and Elevated Temperatures on Strength Properties of Fire-Retardant Treated timber |
| 431. | ZS 1184 | Moringa - Specification |
| 432. | ZS ISO 2591-1 | Test sieving — Part 1: Methods using test sieves of woven wire cloth and perforated metal plate |
| 433. | ZS ISO 3055 | Kitchen equipment — Coordinating sizes |
| 434. | ZS ISO 4211 | Furniture — Assessment of surface resistance to cold liquids |
| 435. | ZS ISO 4211-2 | Furniture — Tests for surface finishes — Part 2: Assessment of resistance to wet heat |
| 436. | ZS ISO 4211-3 | Furniture — Tests for surface finishes — Part 3: Assessment of resistance to dry heat |
| 437. | ZS ISO 4211-4 | Furniture — Tests for surfaces — Part 4: Assessment of resistance to impact |
| 438. | ZS ISO 7170 | Furniture — Storage units — Determination of strength and durability |
| 439. | ZS ISO 7171 | Furniture — Storage units — Test methods for the determination of stability |
| 440. | ZS ISO 8191-2 | Furniture — Assessment of ignitability of upholstered furniture — Part 2: Ignition source: match-flame equivalent. |