

**GAZETTE EXTRAORDINARY**

The Malawi Gazette Supplement, dated 31st December, 2020, containing Regulations, Rules, etc.

719

(No. 43A)

GOVERNMENT NOTICE No.126

MALAWI BUREAU OF STANDARDS ACT

((CAP. 51:02)

MALAWI BUREAU OF STANDARDS

(MALAWI STANDARDS) (WITHDRAWAL AND REPLACEMENT) ORDER, 2020

IN EXERCISE of the powers conferred by section 27 (2) of the Malawi Bureau of Standards Act, I, ROY AKAJUWE KACHALE-BANDA, Minister of Industry, make the following Order—

1. This Order may be cited as the Malawi Bureau of Standards (Malawi Standards) (Withdrawal and Replacement) Order, 2020. Citation

2. The mandatory Malawi Standards in *Column 1* of the Schedule are hereby withdrawn and replaced by the mandatory Malawi Standards in *Column 2* of the Schedule. Interpretation

SCHEDULE

<b>Column 1</b> <b>Malawi Standard Number</b>	<b>Column 2</b> <b>Malawi Standard Number</b>
MS 3:2004, Unplasticized poly (vinyl chloride) (PVC-U) sewer and drain pipes and pipe fittings — Specification (3rd Edition)	MS 3:2014, Unplasticized poly (vinyl chloride) (PVC-U) sewer and drain pipes and pipe fittings — Specification (4th Edition)
MS 31:1985, Bread — Specification (1st Edition)	MS 31:2015, Bread — Specification (2nd Edition)
MS 32: 1998, Maize grain — Specification (2nd Edition)	MS 32: 2017, Maize grain — Specification (3rd Edition)
MS 33:1985, Candles — Specification (1st Edition)	MS 33:2020, Candles for illuminating purposes — Specification, 2nd Edition)
MS 43: 2013, Black tea — Definition and basic requirements (3rd Edition)	MS 43:2020, Black tea — Definition and basic requirements (4th Edition)
MS 73:1988, Raw cow's milk — Specification (1st Edition)	MS 73:2014, Raw cow's milk — Specification (2nd Edition)
MS 75-1: 1988, Milk and milk products — Methods of sampling and analysis; Part 1: Chemical analysis (1st Edition)	MS 75-1: 2018, Milk and milk products — Methods of sampling and analysis; Part 1: Chemical analysis (2nd Edition)
MS 75-2: 1988, Milk and milk products — Methods of sampling and analysis; Part 2: Microbiological examination (1st Edition)	MS 75-2: 2018, Milk and milk products — Methods of sampling and analysis; Part 2: Microbiological examination (2nd Edition)
MS 76:1986, Agricultural hand hoe — Specification (1st Edition)	MS 76:2014, Agricultural hand hoe — Specification (2nd Edition)

Column 1 Malawi Standard Number	Column 2 Malawi Standard Number
MS 84:1991, Wax floor polish — Specification (1st Edition)	MS 84:2020, Wax polish for floors and furniture — Specification (2nd Edition)
MS 90:1988, High-protein baby food— Specification (1st Edition)	MS 90:2018, High protein cereal based foods for infants and young children — Specification (2nd Edition)
MS 96:1988, Chillies and capsicums, whole or ground — Specification (1st Edition)	MS 96: 2014, Chillies and capsicums, whole or ground (powdered) — Specification (2nd Edition)
MS 97:1988, Curry powder — Specification (1st Edition)	MS 97:2013, Curry powder — Specification (2nd Edition)
MS 108:1989, Petroleum jelly for cosmetic industry — Specification (1st Edition)	MS 108:2013, Petroleum jelly (Petrolatum) —Specification (2nd Edition)
MS 110:1997, Single furrow animal drawn plough shares—Specification (1st Edition)	MS 110:2014, Single furrow animal drawn plough shares—Specification (2nd Edition)
MS 140:1987, Spices and condiments — Method of sampling (1st Edition)	MS 140:2017, Spices and condiments — Method of sampling (2nd Edition)
MS 141: 1987, Spices and condiments — Determination of total ash (1st Edition)	MS 141: 2013, Spices and condiments — Determination of total ash (2nd Edition)
MS 150:1987, Wheat flour — Determination of gluten (1st Edition)	MS 150-1:2015, Wheat and wheat flour-gluten content- Part 1: Determination of Wet Gluten content by a manual method (2nd Edition)
MS 150:1987, Wheat flour — Determination of gluten (1st Edition)	MS 150-2:2015, Wheat and wheat flour — Gluten content Part 2: Determination of wet gluten content by mechanical means (2nd Edition)
MS 150:1987, Wheat flour — Determination of gluten (1st Edition)	MS 150-3:2015, Wheat and wheat flour — Gluten content Part 3: Determination of dry gluten from wet gluten by an oven drying method (2nd Edition)
MS 150:1987, Wheat flour — Determination of gluten (1st Edition)	MS 150-4:2015, Wheat and wheat flour — Gluten content Part 4: Determination of dry gluten from wet gluten by a rapid drying method (2nd Edition)
MS 153:1988, Coriander, whole or ground (powdered) — Specification (1st Edition)	MS 153:2014, Coriander, whole or ground (powdered) — Specification (2nd Edition)
MS 167:1988 Fertilizers and soil conditioners — Vocabulary (1st Edition)	MS 167:2020, Fertilizers and soil conditioners — Vocabulary (2nd Edition)

Column 1 Malawi Standard Number	Column 2 Malawi Standard Number
MS 177:1988, Fruit squashes — Specification (1st Edition)	MS 177:2016, Fruit squashes — Specification (2nd Edition)
MS 179: 2010, Rice — Specification (2nd Edition)	MS 179: 2017, Rice — Specification (3rd Edition)
MS 189:2009, Cheese — Specification (1st Edition)	MS 189:2020, Cheese — Specification (2nd Edition)
MS 191:1988, Yoghurts — Specification (1st Edition)	MS 191:2014, Yoghurts — Specification (2nd Edition)
MS 193:1988, Dairy creams — Specification (1st Edition)	MS 193:2017, Dairy creams — Specification (2nd Edition)
MS 196:1989, Milk — Determination of titratable acidity (Reference method) (1st Edition)	MS 196:2018, Dried milk — Determination of titratable acidity (Reference method) (2nd Edition)
MS 199-1:1988, Pork and beef sausages — Specification (1st Edition)	MS 199-1:2014, Sausages — Specification Part 1: Pork and beef sausages (2nd Edition)
MS 208:1990, Opaque beer — Specification (1st Edition)	MS 208:2014, Opaque beer — Specification (2nd Edition)
MS 212:1995, Poultry feed — Specification (1st Edition)	MS 212:2014, Poultry feed — Specification (2nd Edition)
MS 214:2005, Drinking water — Specification (1st Edition)	MS 214:2013, Drinking water — Specification (2nd Edition)
MS 213:1990, Groundnuts — Specification (1st Edition)	MS 213:2020, Groundnuts — Specification (2nd Edition)
MS 228:1990, Raw macadamia kernels — Specification (1st Edition)	MS 228:2014, Raw macadamia kernels — Specification (2nd Edition)
MS 232:1990, Chewing gum and bubble gum — Specification (1st Edition)	MS 232:2016, Chewing gum and bubble gum — Specification (2nd Edition)
MS 240:1995, Pig feed — Specification (1st Edition)	MS 240:2017, Pig feed — Specification (2nd Edition)
MS 242:1991, Cow peas — Specification (1st Edition)	MS 242:2020, Cowpeas — Specification (2nd Edition)
MS 244:1991, Soya beans — Specification (1st Edition)	MS 244:2017, Soya beans — Specification (2nd Edition)
MS 249:2012, Fertilizers — Marking, presentations and declarations (1st Edition)	MS 249:2020, Fertilizers — Marking — Presentation and declarations (2nd Edition)

Column 1 Malawi Standard Number	Column 2 Malawi Standard Number
MS 253:2002, Synthetic detergent powders for household use — Specification (1st Edition)	MS 253-1:2016, Synthetic detergent powders — Specification Part 1: Household hand use (2nd Edition)
MS 253:2002, Synthetic detergent powders for household use — Specification (1st Edition)	MS 253-2:2016, Synthetic detergent powders — Specification Part 2 : Machine wash (2nd Edition)
MS 265:1991, Bagged fertilizers, handling and storage — Code of practice (1st Edition)	MS 265:2020, The handling and storage of bagged fertilizers — Code of practice (2nd Edition).
MS 274:2013, Paints and varnishes — Standard panels for testing (1st Edition)	MS 274:2020, Paint and varnishes — standard panels for testing. (2nd Edition).
MS 276:2013, Paints and varnishes — Determination of special gloss of non-metallic film at 20, 60 and 85 (1st Edition)	MS 276:2020, Paints and varnishes — Determination of specular gloss of non-metallic paint films at 20°, 60° and 85° (2nd Edition)
MS 278:1991, Road marking paint — Specification (1st Edition)	MS 278:2013, Road marking paint — Specification (2nd Edition)
MS 279:1991, Emulsion paint for new galvanized iron — Specification (1st Edition)	MS 279:2013, Emulsion roof paint — Specification (2nd Edition)
MS 280:1991, Emulsion paint for interior decorative purposes — Specification (1st Edition)	MS 280:2013, Emulsion paint — Specification (2nd Edition)
MS 282:1991, High gloss synthetic enamel paint (Alkyd type) — Specification (1st Edition)	MS 282:2013, Decorative high gloss enamel paint — Specification (2nd Edition)
MS 287:2013, Priming paint for steel— Specification (2nd Edition)	MS 287:2020, Priming paint for steel — Specification (3rd Edition)
MS 288:2013, Paint, primers for wood — Specification (1st Edition)	MS 288:2013, Primers for wood — Specification (2nd Edition)
MS 289-1:1991, Animal feeds and feeding stuffs — Methods of sampling and test Part 1: Sampling (1st Edition)	MS 289-1:2017, Animal feeds and feeding stuffs — Methods of sampling and test Part 1: Sampling (2nd Edition)
MS 289-2:1991, Animal feeds and feeding stuffs — Methods of sampling and test Part 2: General methods (1st Edition)	MS 289-2:2017, Animal feeds and feeding stuffs — Methods of sampling and test Part 2: General methods (2nd Edition)

Column 1 Malawi Standard Number	Column 2 Malawi Standard Number
MS 289-4:1991, Animal feeds and feeding stuffs — Methods of sampling and test Part 4: Microbiological methods (1st Edition)	MS 289-4:2017, Animal feeds and feeding stuffs — Methods of sampling and test Part 4: Microbiological methods (2nd Edition)
MS 304:2014, Cinnamon, whole or ground (powdered) — Specification (1st Edition)	MS 304:2017, Cinnamon, whole or ground (powdered) — Specification (2nd Edition)
MS 306:1991, Celery seed, whole — Specification (1st Edition)	MS 306:2017, Celery seed — Specification (2nd Edition)
MS 349:2002, Edible cassava flour — Specification (1st Edition)	MS 349:2017, Edible cassava flour — Specification (2nd Edition)
MS 367:2010, Wax polish — Methods of test (2nd Edition)	MS 367:2020, Wax polish — Method of test for heat-cool stability (3rd Edition)
MS 381:1992, Bituminous aluminium paint — Specification (1st Edition)	MS 381:2014, Bituminous aluminium paint — Specification (2nd Edition)
MS 384:1992, Wood preservative — Specification (1st Edition)	MS 384:2013, Wood preservative (metallic naphthenate)—Specification (2nd Edition)
MS 386:1992, Bituminous paints — Specification (1st Edition)	MS 386:2014, Bituminous paint for cold application excluding use in contact with potable water—Specification (2nd Edition)
MS 388:1992, Oil gloss paint for interior and exterior use — Specification (1st Edition)	MS 388:2014, Decorative oil gloss paint for interior and exterior use — Specification (2nd Edition)
MS 389:1992, Alkali resistant plaster primer (latex-type) — Specification (1st Edition)	MS 389:2014, Alkali resistant plaster primer (latex-type) — Specification (2nd Edition)
MS 390:2014, Alkali-resistant plaster primer (Pigmented solvent-type) — Specification (2nd Edition)	MS 390:2020, Alkali-resistant plaster primer (Pigmented solvent-type) — Specification (3rd Edition)
MS 391:1992, Varnish for interior use — Specification (1st Edition)	MS 391:2013, Varnish for interior use — Specification (2nd Edition)
MS 392:1992, Varnish for wood floors — Specification (1st Edition)	MS 392:2013, Varnish for wood floors — Specification (2nd Edition)
MS 394:1992, Aluminium finishing paint —Specification (1st Edition)	MS 394:2013, Aluminium finishing paint —Specification (2nd Edition)
MS 398:2014, Paint removers — Specification (1st Edition)	MS 398:2014, Solvent-based paint remover —Specification (2nd Edition)
MS 400:1995, Pigeon peas — Specification (1st Edition)	MS 400:2020, Pigeon peas — Specification (2nd Edition)

Column 1 Malawi Standard Number	Column 2 Malawi Standard Number
MS 410:1994, Black tea — Methods of test (1st Edition)	MS 410:2020, Tea — Preparation of ground sample of known dry matter content, (2nd Edition)
MS 412-1:1994, Black tea — Methods of sampling, Part 1: Sampling from large containers (1st Edition)	MS 412:2020, Tea — Sampling, (2nd Edition)
MS 412-2:1994, Black tea — methods of sampling, Part 2: sampling from small containers (1st Edition)	MS 412:2020, Tea — Sampling, (2nd Edition)
MS 459:1994, Black tea — Vocabulary (1st Edition).	MS 459:2020, Black tea — Vocabulary (2nd Edition).
MS 460:2008, Black tea — Preparation of liquor for use in sensory tests (1ST Edition)	MS 460:2020, Black tea — Preparation of liquor for use in sensory tests (2nd Edition).
MS 519:2000, Thobwa powder — Specification (1st Edition)	MS 519:2017, Thobwa powder — Specification (2nd Edition)
MS 530:1997, Farm implements — Method of sampling (1st Edition)	MS 530:2014, Farm implements — Method of sampling (2nd Edition)
MS 539:2002, Industrial effluents — Tolerance limits for discharge into inland surface waters (1st Edition)	MS 539:2013, Industrial effluents — Tolerance limits for discharge into inland surface waters (2nd Edition)
MS 554:1996, Peanut butter — Specification (1st Edition)	MS 554:2016, Peanut butter — Specification (2nd Edition)
MS 555:2004, Glycerine for cosmetic industry — Methods of tests (1st Edition)	MS 555:2013, Glycerine — Methods of sampling and tests (2nd Edition)
MS 566:1998, Wax shoe polish — Specification	MS 566:2020, Wax shoe polish — Specification (2nd Edition)
MS 569:1995, Tissue paper — Specification (1st Edition)	MS 569-2:2013, Tissue paper — Part 2: Toilet paper (2nd Edition)
MS 569:1995, Tissue paper — Specification (1st Edition)	MS 569-3:2013, Tissue paper — Part 3: Facial tissues (2nd Edition)
MS 569:1995, Tissue paper — Specification (1st Edition)	MS 569-4:2013, Tissue paper — Part 4: Paper towels (2nd Edition)
MS 569:1995, Tissue paper — Specification (1st Edition)	MS 569-5:2013, Tissue paper — Part 5: Disposable wiping paper in rolls (2nd Edition)
MS 590:2002, Polyvinyl acetate dispersion adhesives for wood — Specification (1st Edition)	MS 590:2020, Polyvinyl acetate dispersion adhesives for wood — Specification, (2nd Edition)

Column 1 Malawi Standard Number	Column 2 Malawi Standard Number
MS 596:2005, Mixtures of copper-chromium arsenic compounds for timber preservatives — Specification (1st Edition)	MS 596:2020, Mixtures of copper-chromium-arsenic compounds for timber preservation—Specification, (2nd Edition)
MS 597:2005, Boron timber preservatives — Specification (1st Edition)	MS 597:2020, Boron timber preservatives — Specification, (2nd Edition)
MS 599-2:2002, Fibreboard products — Specification, Part 2: Coated fibreboards(1st Edition)	MS 599-2:2020, Fibreboard products Part 2: Coated fibreboard — Specification, (2nd Edition)
MS 601:1997, Nutmeg — Specification (1st Edition)	MS 601:2014, Nutmeg (whole or broken) and mace (whole or in pieces) — Specification (2nd Edition)
MS 602:2005, Mechanical stress grading of softwood — Timber (flexural method) – Code of practice (1st Edition)	MS 602:2020, The mechanical stress grading of timber (flexural method) — Code of practice, (2nd Edition)
MS 623:1995, Mahewu — Specification (1st Edition)	MS 623:2017, Mahewu — Specification (2nd Edition)
MS 639-1:1997, Retro-reflective registration plates for motor vehicles — Specification. Part 1: Metal blanks (1st Edition)	MS 639-1:2011, Retro-reflective registration plates for motor vehicles — Specification. Part 1: Blank plates (aluminum) (2nd Edition)
MS 639-2:1997, Retro-reflective registration plates for motor vehicles — Specification Part 2: Metal registration plates (1st Edition)	MS 639-2:2011, Retro-reflective registration plates for motor vehicles — Specification Part 2: Number plates (aluminium) (2nd Edition)
MS 666-1:2002, Components of pressure pipe systems Part 1: Unplasticized poly (vinyl chloride) (PVC-U) pressure pipes — Specification (1st Edition)	MS 666-1:2014, Components of pressure pipe systems Part 1: Unplasticized poly (vinyl chloride) (PVC-U) pressure pipes — Specification (2nd Edition)
MS 666-2:2014, Components of pressure pipe systems Part 2: Modified polyvinyl chloride (PVC-M) pressure pipe systems — Specification (1st Edition)	MS 666-2:2014, Components of pressure pipe systems Part 2: Modified polyvinyl chloride (PVC-M) pressure pipe systems — Specification (2nd Edition)
MS 734:2005, Plastic carrier bags and flat bags — Specification (1st Edition)	MS 734:2013, Plastic carrier bags and flat bags — Specification (2nd Edition)
MS 744:2007, Use of dairy terms — General standard (1st Edition)	MS 744:2020, Use of dairy terms — General standard, (2nd Edition).

<b>Column 1</b> <b>Malawi Standard Number</b>	<b>Column 2</b> <b>Malawi Standard Number</b>
MS 784:2008, Cigarettes — Specification (1st Edition)	MS 784:2016, Cigarettes — Specification (2nd Edition)
MS-ISO 9001:2005, Quality Management systems — Requirements (4th Edition)	MS-ISO 9001:2015, Quality Management systems — Requirements (5th Edition)
MS-ISO 14001:2004, Environmental management systems — Requirements with guidance for use (2nd Edition)	MS-ISO 14001:2015, Environmental management systems — Requirements with guidance for use (3rd Edition)
MS-ISO 14021: 1999, Environmental labels and declarations — Self declared environmental claims (Type II environmental labelling) (1st Edition)	MS-ISO 14021: 2016, Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling) (2nd Edition)
MS-ISO 14024:2014, Environmental labels and declarations — Type I environmental labelling — Principles and procedures (1st Edition)	MS-ISO 14024: 2016, Environmental labels and declarations — Type I environmental labelling — Principles and procedures (2nd Edition)
MS-ISO 22000:2005, Food safety management systems — Requirements for any organization in the food chain (1st Edition)	MS-ISO 22000:2018 Food safety management systems — Requirements for any organization in the food chain (2nd Edition)
MS-ISO/IEC 31000:2008, Risk management — Principles and guidelines (1st Edition)	MS-ISO/IEC 31000:2018, Risk management — Guidelines (2nd Edition)

Made this 9th day of June, 2020.

R. A. KACHALE-BANDA  
*Minister of Industry*

GOVERNMENT NOTICE NO. 127

MALAWI BUREAU OF STANDARDS ACT

((CAP. 51:02)

MALAWI BUREAU OF STANDARDS

(MALAWI STANDARDS) (DECLARATION) ORDER, 2020

IN EXERCISE of the powers conferred by section 27(1) of the Malawi Bureau of Standards Act, the Malawi Bureau of Standards Board hereby declares the following Standards to be Malawi Standards—

## SCHEDULE

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 3:2014	Unplasticised poly (vinyl chloride) (PVC-U) sewer and drain pipes and pipe fittings— Specification (4th Edition)	Covers two duties (normal and heavy) of unplasticised poly (vinyl chloride) (PVC-U) pipes of nominal sizes 110 mm – 630 mm and one duty of PVC-U pipe fittings of nominal sizes 110 mm and 160 mm, intended for underground non-pressure applications in the construction of sewers and drains where temperatures continuously in excess of 60 °C are not encountered.
MS 31:2015	Bread – Specification (2nd Edition)	Prescribes requirements and methods of test for white bread, brown bread, wholemeal bread and enriched bread
MS 32:2017	Maize grain – Specification (3rd Edition)	Applies to maize (corn) for direct human consumption, i.e. ready for its intended use as human food, presented in packaged form or sold loose from the package direct to the consumer. The standard specifies requirements for whole grain shelled dent maize ( <i>Zea mays indentata</i> L.) and/or shelled flint maize ( <i>Zea mays indurata</i> L.).
MS 33:2020	Candles for illuminating purposes – Specification, 2nd Edition)	Specifies the requirements and methods of sampling and testing for candles suitable for illuminating purposes, but does not cover decorative candles.
MS 43:2020	Black tea – Definition and basic requirements (4th Edition)	Specifies the parts of a named plant that are suitable for making black tea for consumption as a beverage and the chemical requirements for black tea that are used to indicate that tea from that source has been produced in accordance with good production practice. It also specifies the packing and marking requirements for black tea in containers. It is not applicable to scented or decaffeinated black tea.
MS 50:2018	Beer – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for beer.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 65:2016	Soap powder or chips – Specification (1st Edition)	Specifies requirements and methods of test for four types of soap for use in laundries.
MS 73:2014	Raw cow's milk – Specification (2nd Edition)	Specifies the quality requirements of raw, normal cow milk.
MS 75-1:2018	Milk and milk products—Methods of sampling and analysis  Part 1: Chemical analysis (2nd Edition)	Prescribes chemical methods commonly used for the analysis of milk and milk products.
MS 75-2:2018	Milk and milk products – Methods of sampling and analysis  Part 2: Microbiological examination (2nd Edition)	Prescribes methods of microbiological examination of milk and milk products.
MS 76:2014	Agricultural hand hoe – Specification (2nd Edition)	Specifies materials and other requirements for agricultural hand hoe.
MS 84:2020	Wax polish for floors and furniture — Specification (2nd Edition)	Standard prescribes the requirements and methods of sampling and testing for wax polish (in liquid or paste form) both solvent-based and emulsion type suitable for use on furniture and floors other than (in the case of polish containing an organic solvent) those of thermoplastic (asphalt), semi-flexible vinyl (vinyl-asbestos), flexible vinyl, linoleum, and rubber.
MS 85-1:2013	Limes for use in building – Specification  Part 1: Hydrated lime (1st Edition)	Covers specification for hydrated limes for use in buildings.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 90:2018	High protein cereal based foods for infants and young children – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for high protein cereal based foods for infants and young children.
MS 96:2014	Chillies and capsicums, whole or ground (powdered) – Specification (2nd Edition)	Specifies requirements for chillies and capsicums in whole or ground (powdered) form.
MS 97: 2013	Curry powder – Specification (2nd Edition)	Applies to the requirements for curry powder, which is used as a flavouring ingredient in the preparation of foods.
MS 108:2013	Petroleum jelly (Petrolatum) – Specification (2nd Edition)	Specifies requirements for refined petroleum jelly (petrolatum) in two colour grades (white and yellow) which is intended for use in pharmaceutical and cosmetic applications.
MS 110:2014	Single furrow animal drawn plough shares – Specification (2nd Edition)	Specifies materials and dimensions of both upset and straight shares used in animal drawn ploughs.
MS 139: 2013	Spices and condiments–Determination of extraneous matter and foreign matter content (1st Edition)	Specifies a general procedure for visual examination, or with magnification not exceeding 10 times, of whole spices for the determination of macro foreign and extraneous matter. This method is applicable to dehydrated spices and condiments.
MS 140:2017	Spices and condiments–Method of sampling (2nd Edition)	Specifies a method of sampling spices and condiments.
MS 141: 2013	Spices and condiments – Determination of total ash (2nd Edition)	Specifies a method for the determination of total ash from spices and condiments
MS 142: 2013	Spices and condiments – Determination of filth (1st Edition)	Specifies a method for the quantitative determination of filth in spices and condiments.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 150-1:2015	Wheat and wheat flour-gluten content  Part 1: Determination of Wet Gluten content by a manual method (2nd Edition)	Specifies a manual washing out method for the determination of wet gluten content of wheat flour.
MS 150-2:2015	Wheat and wheat flour- Gluten content  Part 2: Determination of wet gluten content by mechanical means (2nd Edition)	Specifies a method for the determination of wet gluten content of wheat flour by mechanical means.
MS 150-3:2015	Wheat and wheat flour – Gluten content  Part 3: Determination of dry gluten from wet gluten by an oven drying method (2nd Edition)	Specifies a method for the determination of the dry gluten content from wet gluten.
MS 150-4:2015	Wheat and wheat flour – Gluten content  Part 4: Determination of dry gluten from wet gluten by a rapid drying method ( 2nd Edition)	Specifies a rapid method for the determination of the dry gluten content from wet gluten.
MS 153:2014	Coriander, whole or ground (powdered) – Specification (2nd Edition)	Specifies requirements for coriander in the whole or ground (powdered) form.
MS 167:2020	Fertilizers and soil conditioners – Vocabulary (2nd Edition)	Defines terms relating to fertilizers and soil conditioners.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 177:2016	Fruit squashes – Specification (2nd Edition)	Specifies the requirements for fruit squashes.
MS 179:2017	Rice – Specification (3rd Edition)	Specifies the requirements for rice ( <i>Oryzasativa L.</i> ). It is applicable to husked rice and milled rice, parboiled or not, intended for direct human consumption.
MS 189:2020	Cheese – Specification (2nd edition)	Specifies the general requirements for cheeses intended for direct consumption and/or for further processing.
MS 191:2014	Yoghurts – Specification (2nd Edition)	Prescribes requirements for yoghurt.
MS 193:2017	Dairy creams – Specification (2nd Edition)	Applies to cream and prepared creams for direct consumption or further processing.
MS 196:2018	Dried milk – Determination of titratable acidity (Reference method) (2nd Edition)	Specifies a reference method for the determination of the titratable acidity of all types of dried milk.
MS 199-1:2014	Sausages – Specification  Part 1: Pork and beef sausages (2nd Edition)	Specifies requirements, method of sampling and testing for pork and beef sausages.
MS 199-2:2014	Sausages – Specification  Part 2: Chicken sausages (1st Edition)	Specifies requirements, method of sampling and testing for chicken sausages.
MS 208:2013	Opaque beer – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for opaque beer.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 212:2014	Poultry feed – Specification (2nd Edition)	Provides definitions for the following terms: approved, broiler diet, chick layer diet, compounded feed, crude fat, feed, growers' diet for chicken, layers' diet, maize-free concentrate, mash, pellet, ration, turkey rearers' ration, turkey starter ration, and turkey growers' ration.
MS 213:2020	Groundnuts – Specification (2nd Edition)	Applies to groundnuts (also known as peanuts) either in the pod or in the form of kernels, obtained from varieties of the species <i>Arachishypogaea</i> L. intended for processing or for direct human consumption
MS 214:2013	Drinking water – Specification (2nd Edition)	Specifies the physical, biological organoleptic and chemical requirements for drinking water
MS 228:2014	Raw macadamia kernels – Specification (2nd Edition)	Specifies requirements for shelled macadamia kernels of varieties grown from <i>Macadamia tetraphylla</i> , <i>Macadamia ternifolia</i> and <i>Macadamia integrifolia</i> and/or their hybrids intended for direct consumption or for food when intended to be mixed with other products for direct consumption without further processing. The standard does not apply to macadamia kernels that are processed by salting, sugaring, flavouring or roasting, or for industrial processing.
MS 229-1:2014	Cereal-based breakfast food products – Specification  Part 1: Flaked, puffed or pulverized (ready-to-eat) (1st Edition)	Prescribes the requirements and methods of test for flaked, puffed or pulverized cereal-based breakfast food products which are ready-to-eat and are suitable for all in-family consumption.
MS 232:2016	Chewing gum and bubble gum – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for chewing gum and bubble gum.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 240:2017	Pig feed – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for pig feed.
MS 242:2020	Cowpeas – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for shelled dry cow peas of the varieties (cultivars) grown from <i>Vigna unguiculata</i> Linn. Sync. <i>Vignasinensis</i> (L.) Hassk. intended for human consumption.
MS 244:2017	Soya beans – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for dry whole soya beans of varieties (cultivars) grown from <i>Glycine max</i> (L.) Merr. intended for human consumption.
MS 249:2020	Fertilizers – Marking – Presentation and declarations (2nd Edition)	Specifies the procedure for marking containers or labels for fertilizers. This standard applies to all fertilizers in containers or bulk.
MS 253-1:2016	Synthetic detergent powders – Specification Part 1: Household hand use (2nd Edition)	Specifies the requirements and methods of sampling and testing for synthetic detergents for household hand use.
MS 253-2:2016	Synthetic detergent powders – Specification Part 2: Machine wash (2nd Edition)	Specifies the requirements and methods of sampling and testing for synthetic detergents for machine wash.
MS 265:2020	The handling and storage of bagged fertilizers — Code of practice (2nd Edition)	Lays down recommended practices to be followed for storage of fertilizers packed in jute bags, with or without a plastics liner/lamination, high density polyethylene woven bags with or without a plastics liner/lamination and polypropylene woven bags with or without a plastics liner/lamination.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 274:2020	Paints and varnishes – Standard panels for testing, (2nd Edition)	Covers several types of standard panels and describes procedures for their preparation prior to painting. These panels are for use in general methods of test for paints varnishes and related products.
MS 275:2013	Paints and varnishes – Comparison of contrast ratio (hiding power) of paints of the same type and colour (1st Edition)	Deals with the sampling and testing of paints, varnishes and related products.
MS276:2020	Paints and varnishes – Determination of specular gloss of non-metallic paint films at 20°, 60° and 85° (2nd Edition)	Covers a method for determining the gloss of coatings using the three geometries of 20°, 60° or 85°. The method is suitable for the gloss measurement of non-textured coatings on plane, opaque substrates.
MS 277-A02:2013	Textiles – Tests for colour fasteners – Part A02: Grey scale for assessing change in colour (1st Edition)	Describes the Grey scale for determining changes in colour of textiles in colourfastness tests and its use.
MS 278:2013	Road marking paint – Specification (2nd Edition)	Covers quick-drying road-marking paint for use on bituminous and concrete road surfaces. It makes provision for yellow, white and black paint but does not cover reflectorized paint.
MS 279:2013	Emulsion roof paint - Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for roof paint based on synthetic polymers dispersed in a water phase.
MS 280:2013	Emulsion paint – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for four grades of emulsion paint that are based on synthetic polymers dispersed in a water phase and that are supplied in a matt, semi-matt or semi-gloss finish, for application over interior plaster or other masonry substrates, as one or more coats of the same grade.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 282:2013	Decorative high gloss enamel paint – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for two grades of air-drying gloss enamel paint for use on suitably primed and uncoated steel, wood, masonry, hard board, compressed fibre board and similar materials used in the construction and finishing of buildings.
MS 287:2020	Priming paint for steel – Specification (3rd Edition)	Provides requirements and test methodology for solvent-borne primers in which the reactive pigment is a zinc phosphate type, free from heavy metals, for use on suitably prepared steel surfaces.
MS 288:2013	Primers for wood – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for primers for wood intended for interior and exterior use.
MS 289-1:2017	Animal feeds and feeding stuffs – Methods of sampling and testing  Part 1: Sampling (2nd Edition)	Specifies methods of sampling animal feeding stuffs, including fish feed, for quality control for commercial, technical and legal purposes. It neither applies to pet foods nor are the methods intended for sampling for the purpose of microbiological examination.
MS 289-2:2017	Animal feeds and feeding stuffs – Methods of sampling and testing  Part 2: General methods (2nd Edition)	Specifies the general methods of testing animal feeds and feeding stuffs. Prescribes methods for determination of minerals and trace elements in animal feeds, feeding stuffs and feed supplements.
MS 289-3:2017	Animal feeds and feeding stuffs – Methods of sampling and testing  Part 3: Mineral and trace elements (1st Edition)	Prescribes the microbiological methods for testing animal feeds and feeding stuffs.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 289-4:2017	Animal feeds and feeding stuffs – Methods of sampling and testing  Part 4: Microbiological methods	Prescribes the microbiological methods for testing animal feeds and feeding stuffs.
MS 304:2014	Cinnamon, whole or ground (powdered) – Specification (2nd Edition)	Specifies requirements for whole or ground (powdered) cinnamon of the Sri Lankan type, Madagascan type and Seychelles type, which is the bark of the tree or shrub <i>Cinnamomumzeylanicum</i> Blume.
MS 306:2017	Celery seed – Specification (2nd Edition)	Specifies requirements and the methods of sampling and testing for whole celery seed ( <i>Apiumgraveolens</i> L.) for use as a spice. It does not apply to seeds used for agricultural purposes.
MS 328:2013	Locks, latches, and associated furniture for doors (domestic type) – Specification (1st Edition)	Covers the requirements for the materials, essential dimensions, finish, and performance for mortice locks and latches, and the associated lock and latch furniture.
MS 349:2017	Edible cassava flour – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for cassava flour which is obtained from the processing of cassava roots ( <i>Manihotesculenta</i> Crantz) intended for human consumption.
MS 350-1:2012	Sampling procedure for inspection by attributes  Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot by lot inspection (1st Edition)	Specifies an acceptance sampling system for inspection by attributes. It is indexed in terms of the acceptance quality limit (AQL).

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 350-3:2012	Sampling procedures for inspection by attributes  Part 3: Skip-lot sampling procedures (1st Edition)	Specifies generic skip-lot sampling procedures for acceptance inspection by attributes. The purpose of these procedures is to provide a way of reducing the inspection effort on products of high quality submitted by a supplier who has a satisfactory quality assurance system and effective quality controls.
MS 350-4:2012	Sampling procedures for inspection by attributes  Part 4: Procedures for assessment of stated quality levels (1st Edition)	Establishes sampling plans and procedures that can be used to assess whether the quality level of an entity (lot, process, etc) conforms to a declared value.
MS 367:2020	Wax polish – Method of test for heat-cool stability (3rd Edition)	Specifies a method for the determination of the heat-cool stability of wax polishes.
MS 381:2014	Bituminous aluminium paint – Specification (2nd Edition)	Covers one type of bituminous aluminium paint for interior and exterior use on primed metal, masonry, asbestos cement, and wood surfaces. It may also be applied to roofing felt, to creosoted timber, and to hard bituminous surfaces that have been allowed to weather for at least 8 weeks before painting
MS 384:2013	Wood preservative (metallic naphthenate) – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for metallic naphthenates for wood preservation. It covers metallic naphthenate concentrates and solutions of metallic naphthenate suitable for the preservation of wood.
MS 386: 2014	Bituminous paint for cold application excluding use in contact with potable water – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for bitumen-based solvent-borne paints. It covers paints for cold application by either brushing, spraying, rolling or dipping processes intended to give a coat for the corrosion protection and water-proofing of substrates including iron and steel.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 388:2014	Decorative oil gloss paint for interior and exterior use – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for decorative oil gloss paint other than emulsion paint for interior and exterior use as a finishing coat on metal, wood, sealed plaster walls, composition board and similar materials that have been primed or painted previously.
MS 389:2014	Alkali-resistant plaster primer (latex-type) – Specification (2nd Edition)	Covers a latex-type of alkali-resistant plaster primer for interior and exterior use on dry cement plaster and concrete, unglazed brick, gypsum plaster-board, fibre-cement boards and other compressed fibre wallboard compositions, but not for use on gypsum plaster surfaces.
MS 390:2020	Alkali-resistant plaster primer (Pigmented solvent-type) – Specification (3rd Edition)	Covers a pigmented, solvent-type of alkali-resistant plaster primer for interior and exterior use on dry cement plaster and concrete, unglazed brick, gypsum plasterboard, fibre-cement boards and other compressed fibre wallboard compositions and on gypsum plaster surfaces pre-sealed with bonding liquid.
MS 391:2013	Varnish for interior use – Specification (2nd Edition)	<p>Specifies requirements and methods of sampling and testing for varnish for interior use. It covers the following two types of varnish for interior use on wooden surfaces:</p> <p>Type I: General purpose glossy or eggshell varnish; and</p> <p>Type II: Solvent-resistant, heat-resistant, and chemical-resistant gloss or eggshell varnish.</p>
MS 392:2013	Varnish for wood floors – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for varnish for wood floors.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 393:2013	Undercoats for paints—Specification (1st Edition)	Specifies requirements for two grades of undercoat for use under air-drying paints and for application over primed steel and wood and on sealed and primed masonry, hardboard, compressed fibreboard and similar materials used in the construction and furnishing of buildings.
MS 394:2018	Aluminium finishing paint – Specification (3rd Edition)	Specifies requirements and methods of sampling and testing for aluminium paint for use as a finishing coat on primed surfaces for exterior and interior exposure. This paint is suitable for use as roof paint on suitably primed or previously painted galvanized iron.
MS 398:2014	Solvent-based paint remover – Specification (2nd Edition)	Specifies requirements for solvent-based paint removers applied by brush. The paint removers are intended for general use on surfaces of painted, varnished or lacquered wood, plaster or metal.
MS 400:2020	Pigeon peas – Specification (2nd Edition)	Specifies the quality and grading requirements and methods of sampling and testing for dry pigeon peas of the varieties (cultivars) grown from <i>Cajanuscajan</i> L. intended for human consumption.
MS 409:2020	Wood-preserving creosote	Covers coal tar that is derived entirely from the carbonization of bituminous coal. This coal tar may either be a coal-tar distillate (creosote) or a solution of coal tar in coal-tar distillate and is intended for use in the preservation of timber.
MS 410:2020	Tea – Preparation of ground sample of known dry matter content, (2nd Edition)	Specifies a method of preparing a ground sample of tea and of determining its dry matter content, for use in analytical determinations which require the results to be expressed on the dry basis.
MS 412:2020	Tea – Sampling (2nd Edition)	Specifies methods for the sampling of tea. It applies to sampling from containers of all sizes.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 415:2014	Sunflower seed for the manufacture of oil – Specification (1st Edition)	Prescribes requirements for sunflower seed of <i>Helianthus annuus</i> Linn family intended for the manufacture of oil for human consumption.
MS 416:2014	Dairy cattle feed supplements – Specification (1st Edition)	Specifies minimum requirements for dairy cattle feed supplements.
MS 426:2014	Castor seed for the manufacture of oil – Specification (1st Edition)	Specifies requirements for castor seed ( <i>Ricinus communis</i> L.) of Euphorbiaceae family for the manufacture of oil along with the relevant methods of sampling and testing.
MS 428:2013	Immersion-type heating units for electric appliance – Specification (1st Edition)	Specifies requirements for five types of replaceable immersion-type heating units intended for use in portable electrical appliances for heating water or non-corrosive aqueous solutions at Direct Current (DC) voltages of not less than 42 V and at Alternating Current (AC) voltages of not more than 240 V between phase and neutral conductor and at a rated load not exceeding 6 Kw.
MS 459:2020	Black tea – Vocabulary (2nd Edition)	Provides a list of terms and definitions, applicable to the techniques of processing and assessing black tea for commerce.
MS 460:2020	Black tea – Preparation of liquor for use in sensory tests (2nd Edition).	Specifies a method for the preparation of a liquor tea for use in sensory tests by means of infusing the leaf.
MS 489-1:2014	Wooden poles and cross-arms for power transmission; low voltage reticulation and telephone system– Specification. Part 1: Pine poles (1st Edition) (SADC Harmonized)	Specifies requirements for pine poles, grown in Southern Africa, that are treated with creosote, a mixture of creosote and waxy oil, or a mixture of copper-chromium-arsenic compounds (CCA), and that are intended to be used as upright supports for street lighting and telephone systems, and as upright supports, cross-arms and spacers (in five-pole structures) for power distribution lines.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 489-2:2014	Wooden poles and cross-arms for power transmission; low voltage reticulation and telephone system-Specification  Part 2: Eucalyptus poles(1st Edition) (SADC Harmonized)	Specifies requirements for eucalyptus poles, grown in Southern Africa, that are treated with creosote, a mixture of creosote and waxy oil, or a mixture of copper-chromium-arsenic compounds (CCA), and that are intended to be used as upright supports for communications systems, and as upright supports, cross-arms and spacers.
MS 504-1:2009	Wooden poles, droppers, guardrail post and spacer blocks-Specification  Part 1: Softwood species (1st Edition)	Specifies requirements for preservative-treated softwood poles, droppers, guardrail posts and spacer blocks. The poles are intended for the erection of fences and vine trellises, for general use in orchards and for structural purposes. The droppers are intended for fencing. The posts and spacer blocks are intended for the erection of steel guardrails at the sides of roads.
MS 508:2013	Textiles – Determination of pH of aqueous extract (1st Edition)	Specifies a method for determining the pH of the aqueous extract of textiles. The method is applicable to textiles in any form.
MS 519:2017	Thobwa powder – Specification (2nd Edition)	Specifies the requirements and methods of sampling and testing for thobwa powder.
MS 530:2014	Farm implements – Method of sampling (2nd Edition)	Prescribes the recommended procedures for sampling of agricultural equipment and their components.
MS 539:2013	Industrial effluents – Tolerance limits for discharge into inland surface waters (2nd Edition)	Lays down the tolerance limits, sampling guidelines and test methods for industrial effluents discharged into inland surface waters. Effluents discharged on land or into ground water or air are not covered by this standard.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 543:2015	Wheat protein products including wheat gluten – Specification (1st Edition)	Prescribes the requirements and methods of test for wheat protein products prepared from wheat by various processes. The products are intended for use in foods requiring further preparation and for use by the food processing industry.
MS 554:2016	Peanut butter – Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for peanut butter derived from peanuts/groundnuts.
MS 555:2013	Glycerine – Methods of sampling and testing (2nd Edition)	Lays down methods of sampling and testing for glycerine methods for sampling quantities of glycerine, either crude or refined, for industrial use, in the course of filling, or already contained in drums or in transportable or fixed tanks.
MS 556:2012	Animal drawn mouldboard plough – Specification (1st Edition)	Prescribes materials, dimensions and other requirements of fixed type animal drawn mouldboard plough.
MS 559:2016	Soya protein products – Specification (1st Edition)	Specifies requirements and methods of sampling and testing for soya protein products intended for human consumption.
MS 566:2020	Wax shoe polish Specification (2nd Edition)	Specifies requirements and methods of sampling and testing for wax polish suitable for use on shoes, boots, and leather goods.
MS 569-1: 2013	Tissue paper – Part 1: General requirements (2nd Edition)	Specifies the general requirements and test methods for, and conditioning, of tissue paper and tissue products.
MS 569-2: 2013	Tissue paper – Part 2: Toilet paper (2nd Edition)	Covers four grades of creped toilet paper supplied in rolls.
MS 569-3: 2013	Tissue paper – Part 3: Facial tissues (2nd Edition)	Covers tissue paper, in sheet form, for use primarily for facial hygiene.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 569-4: 2013	Tissue paper – Part 4: Paper towels (2nd Edition)	Covers paper towels, in rolls and in sheets (single ply and double ply), suitable for general and industrial purposes.
MS 569-5: 2013	Tissue paper – Part 5: Disposable wiping paper in rolls (2nd Edition)	Covers three types of tissue paper in rolls, intended for use as wiping paper in industrial, workshop, laboratory, office, agricultural and other environments where hands and tools and other equipment need to be wiped, cleaned or dried.
MS 590:2020	Polyvinyl acetate dispersion adhesives for wood – Specification (2nd Edition)	Covers the chemical, physical, and performance requirements for three exposure classes of non-structural synthetic adhesives dispersed in water and based on the polymerization of vinyl acetate or on its copolymerization with other vinylic compounds.
MS 596:2020	Mixtures of copper- chromium-arsenic compounds for timber preservation – Specification (2nd Edition)	Covers mixtures of copper-chromium-arsenic compounds (in the form of a powder, a granular powder, a paste, or a liquid) for timber preservation.
MS 597:2020	Boron timber preservatives – Specification (2nd Edition)	Covers requirements for the following three types of boron timber preservatives-  Type I: A sodium borate of a composition corresponding approximately to that of disodium octaboratetetrahydrate ( $\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$ );  Type II. : A mixture of borax and boric acid; and  Type III.: A polyborate derivation that contains emulsified wax.
MS 599-1:2020,	Fibreboard products Part 1: Uncoated fibreboard – Specification (2nd Edition)	Specifies the characteristics of uncoated fibreboard.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 599-2:2020	Fibreboard products Part 2: Coated fibreboard – Specification, (2nd Edition)	Specifies the characteristics of coated fibreboard.
MS 601:2014	Nutmeg (whole or broken) and mace (whole or in pieces) – Specification (2nd Edition)	Specifies requirements for nutmeg (whole or broken) and mace (whole or in pieces), obtained from the nutmeg tree ( <i>Myristicafragrans</i> Houtt) for wholesale commercial purposes.
MS 602:2020	The mechanical stress grading of timber (flexural method) – Code of practice, (2nd Edition)	Covers the mechanical stress grading, by the determination of stiffness in bending, of solid timber (free from glued or other joints) derived from trees of the genus <i>Pinus</i> grown in Malawi.
MS 606:2020	Wooden scaffold boards – Specification (1st Edition)	Specifies requirements for four types of wooden scaffold board.
MS 623:2017	Mahewu – Specification (2nd Edition)	Specifies requirements and methods of test and sampling for commercially produced mahewu.
MS 639-1:2013	Retro-reflective registration plates for motor vehicles – Specification. Part 1: Blank plates (aluminium) (2nd Edition)	Specifies requirements for aluminium blank plates that are intended for use in the production of number plates covered in MS 639-2.
MS 639-2:2013	Retro-reflective registration plates for motor vehicles – Specification  Part 2: Number plates (aluminium) (2nd Edition)	Specifies requirements for aluminium number plates that are intended for use on motor vehicles (including motor cycles and tricycles) and trailers.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 640:2011	Hand hacksaw blades— Specification (1st Edition)	Covers five types of steel hand hacksaw blades of nominal length 300mm and that have a single-toothed edge.
MS 642-1:2011	Lights for motor vehicles Part 1: Incandescent lamps (1st Edition) (SADC Harmonized)	Covers incandescent tungsten filament lamps of the following categories for use in motor vehicles and trailers: R2, H1, H2, H3, H4, P21W, P21/5W, R5W, R10W, C5W, C18W, C21W, T4W, W3W and W5W.
MS 642-2:2011	Lights for motor vehicles  Part 2: Head lamps (1st Edition) (SADC Harmonized)	Covers the requirements for the photometric properties of headlights emitting an asymmetrical dipped beam or a main beam, or both, and used in headlight systems meeting left-hand rule-of-road requirements.
MS 642-3:2011	Lights for motor vehicles  Part 3: Secondary lights (1st Edition) (SADC Harmonized)	Covers the photometric characteristics of secondary lights for vehicles (lights, parking lights, reversing lights, rear registration-plate lights and end-outline marker lights) and of assemblies of these.
MS 643-1:2013	Retro-reflective and fluorescent warning signs for road vehicles— Specification.  Part 1: Triangles (1st Edition) (SADC Harmonized)	Covers requirements for two types of triangles that are retro-reflective and fluorescent and are intended to be carried in motor vehicles operating on public roads.
MS 643-2:2013	Retro-reflective and fluorescent warning signs for road vehicles— Specification. Part 2: Abnormal load vehicle signs (1st Edition) (SADC Harmonized)	Covers requirements for abnormal load signs that are retro-reflective and fluorescent and that are intended for use motor vehicles operating on public roads.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 643-3:2013	<p>Retro-reflective and fluorescent warning signs for road vehicles- Specification.</p> <p>Part 3: Signs other than triangles, chevron signs and abnormal load vehicle signs (1st Edition) (SADC Harmonized)</p>	<p>Covers requirements for signs, including decals, that are retro-reflective and fluorescent, and that are intended to indicate</p> <p>(a) the maximum permissible speed;</p> <p>(b) the width of motor vehicles operating on public roads; and</p> <p>(c) identification of emergency vehicles.</p>
MS 643-4:2013	<p>Retro-reflective and fluorescent warning signs for road vehicles- Specification. Part 4: Retro-reflective chevron signs (1st Edition) (SADC Harmonized)</p>	<p>Specifies requirements for retro-reflective chevron signs that incorporate a substrate that are intended for use on motor vehicles that operate on public roads.</p>
MS 643-5:2013	<p>Retro-reflective and fluorescent warning signs for road vehicles- Specification. Part 5: Retro-reflective chevron decals (1st Edition) (SADC Harmonized)</p>	<p>Covers requirements for retro-reflective warning signs manufactured as a coated chevron decals having self-adhesive bases of pigmented vinyl or other polymeric material intended for use on motor vehicles operating on public roads.</p>
MS 647-1:2010	<p>Safety glass for vehicles – Specification</p> <p>Part 1: High penetration-resistant laminated safety glass (2nd Edition) (SADC Harmonized)</p>	<p>Covers high penetration-resistant laminated safety glass including bullet-resistant glazing materials for use in vehicles.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 647-3:2010	Safety glass for vehicles - Specification Part 3: Toughened safety glass for vehicles (2nd Edition)	Covers toughened safety glass for use in vehicles
MS 654:2014	Addition of essential nutrients to foods – General principles (1st Edition)	Applies to all foods to which essential nutrients are added.
MS 666-1:2014	Components of pressure pipe systems Part 1: Unplasticized poly(vinyl chloride) (PVC-U) pressure pipes – Specification (2nd Edition)	Specifies requirements for unplasticized poly (vinyl chloride) (PVC-U) pipes and injection-moulded fittings that are intended for above-ground and below-ground pressure applications for the conveyance of potable water in reticulation systems and for other applications in which continuous temperatures in excess of 25 °C are not encountered.
MS 666-2:2014	Components of pressure pipe systems Part 2: Modified polyvinyl chloride (PVC-M) pressure pipe systems – Specification (4th Edition)	Specifies requirements for modified unplasticized poly (vinyl chloride) (PVC-M) pipes (with integral joints that incorporate rubber sealing/rings) and fittings (post-formed from pipe made of PVC-M) that are intended for above-ground and below-ground pressure applications for the conveyance of potable water in reticulation systems and for other applications in which continuous temperatures in excess of 25 °C are not encountered.
MS 680-1:2012	Technical drawings – Indication of dimensions and tolerances  Part 1: General principles (1st Edition)	Establishes the general principles of dimensioning applicable for all types of technical drawings.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 681-34:2012	<p>Technical drawings – General principles of presentation</p> <p>Part 34: Views on mechanical engineering drawings (1st Edition)</p>	<p>Specifies rules for the presentation of views, additional to those of MS 681-30, applicable to mechanical engineering drawings that follow the orthographic projection methods specified in ISO 5456-2.</p>
MS 734: 2013	<p>Plastic carrier bags and flat bags – Specification (2nd Edition)</p>	<p>Specifies requirements for carrier bags and flat bags that are made from thermoplastic materials and are domestically produced or imported for use within Malawi.</p>
MS 744:2020	<p>Use of dairy terms – General standard, (2nd Edition)</p>	<p>Applies to the use of dairy terms in relation to foods to be offered to the consumer or for further processing.</p>
MS 745:2014	<p>Mayonnaise – Specification (1st Edition)</p>	<p>Prescribes the requirements for mayonnaise.</p>
MS 749-1:2014	<p>Storage of cereals and pulses</p> <p>Part1: General recommendations for the storage of pulses. (1st Edition)</p>	<p>Gives general guidance related to the problems of storing cereals.</p>
MS 749-2:2013	<p>Storage of cereals and pulses</p> <p>Part 2: Practical recommendations (1st Edition)</p>	<p>Gives guidance on the choice of a method of storage of cereals and pulses, and on the practical recommendations for good storage, according to the method chosen.</p>
MS 749-3:2013	<p>Storage of cereals and pulses</p> <p>Part 3: Control of attack by pests (1st Edition)</p>	<p>Gives guidance on means of controlling attack by pests on cereals and pulses in storage.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 771:2014	Chocolate and chocolate products – Specification (1st Edition)	Applies to chocolate and chocolate products intended for human consumption.
MS 774-1:2017	Non- automatic weighing instruments  Part 1: Metrological and technical requirements – Tests (1st Edition)	Specifies the metrological and technical requirements for non-automatic weighing instruments that are subject to official metrological control.
MS 774-2:2017	Non- automatic weighing instruments  Part 2: Test report format (1st Edition)	Aims at presenting, in a standardised format, the result of the various tests to which type of a non-automatic weighing instrument shall be submitted with a view to its approval.
MS 782-2:2011	Glass in building – Basic soda lime silicate glass products– Part 2: Float glass (1st Edition)	Specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for float glass.
MS 782-3:2011	Glass in building – Basic soda lime silicate glass products– Part 3: Polished wire glass. (1st Edition)	Specifies dimensional and minimum quality requirements (in respect of optical and visual and wire faults) for polished wire glass, as defined in MS 782-1, for use in building.
MS 782-4:2011	Glass in building – Basic soda lime silicate glass products – Part 4: Drawn sheet glass (1st Edition)	Specifies dimensional and minimum quality requirements (in respect of optical and visual and wire faults) for drawn sheet glass, as defined in MS 782-1, for use in building.
MS 786:2016	Cigarettes – Specification (2nd Edition)	Specifies the requirements and the methods of sampling and testing for cigarettes processed marketed, distributed or sold in Malawi.
MS 788:2011	The installation of glazing in buildings – Code of practice (1st Edition)	Covers methods of glazing and the fixing of glazing materials normally used in buildings.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 791-1:2014	The structural use of masonry – Code of practice Part 1: Unreinforced masonry walling (1st Edition)	Covers recommendations and requirements for the design of unreinforced load bearing masonry walling erected in areas other than those where earthquakes may be encountered.
MS 791-2:2014	The structural use of masonry – Code of practice Part 2: Structural design and requirements for reinforced and prestressed masonry (1st Edition)	Establishes general principles for the structural design of reinforced and prestressed masonry.
MS 793-1: 2014	The structural use of steel – Part 1: Limit-state design of hot-rolled steelwork (1st Edition)	Provides rules and requirements for the design, fabrication and erection of steel structures. The design is based on limit states. This standard also applies to structural steel components in structures framed in other materials.
MS 793-2: 2014	The structural use of steel – Part 2: Limit-state design of cold formed steelwork (1st Edition)	Applies to the design, based on limit states, of structural members cold-formed to shape, from carbon or low-alloy steel sheet, strip or plate of thickness up to 25 mm and intended for load-carrying purposes in buildings.
MS 794-1:2011	The structural use of concrete Part 1: Design - Code of practice	Establishes principles for the structural use of concrete.
MS 794-2: 2013	The structural use of concrete Part 2: Materials and execution of works (1st Edition)	Covers the materials and execution of work related to the structural use of concrete in buildings and structures where the design of reinforced, pre-stressed and precast concrete is entrusted to appropriately qualified structural or civil engineers and the execution of the work is carried out under the direction of appropriately qualified supervisors. This part of draft proposal does not cover the structural use of concrete made with high-alumina cement.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 795-2:2013	Water supply and drainage for buildings  Part 2: Drainage installations for building – Code of practice (1st Edition)	Establishes general principles for the design, installation and testing of sanitary drainage installations. It does not purport to cover any special requirements for drainage installations in health care, laboratory or industrial buildings.
MS 796-1:2014	The structural use of timber – Code of practice – Part 1: Limit states design (1st Edition)	Gives guidance on the design, fabrication and erection of timber structures (and structural timber components in structures framed in other materials) where the design is based on limit states.
MS 803:2017	Fermented milks – Specification (1st Edition)	Applies to fermented milks, including, heat treated fermented milks, concentrated fermented milks and composite milk products based on these products, for direct consumption or further processing.
MS 804:2015	Code of hygienic practice for groundnuts (peanuts) (1st Edition)	Applies to groundnuts, also known as peanuts or earth nuts ( <i>Arachishypogaea</i> L).
MS 819-1:2014	Titanium dioxide pigments for paints  Part 1: Specifications and methods of test (1st Edition)	Specifies the requirements and corresponding methods of test for titanium dioxide pigments for paints.
MS 831-3:2017	Rotating electrical machines  Part 3: Specific requirements for cylindrical rotor synchronous machines (1st Edition)	Applies to three-phase cylindrical rotor synchronous machines, having rated outputs of 10MVA (or MW) and above.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 831-5:2017	Rotating electrical machines  Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) – Classification (1st Edition)	Applies to the classification of degrees of protection provided by enclosures for rotating electrical machines. It defines the requirements for protective enclosures that are in all other respects suitable for their intended use and which, from the point of view of materials and workmanship, ensure that the properties dealt with in this standard are maintained under normal conditions of use.
MS 831-7:2017	Rotating electrical machines  Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code) (1st Edition)	Specifies the IM Code, a classification of types of construction, mounting arrangements and the terminal box position of rotating electrical machines.
MS 831-11:2017	Rotating electrical machines  Part 11: Thermal protection (1st Edition)	Specifies requirements relating to the use of thermal protectors and thermal detectors incorporated into the stator windings or placed in other suitable positions in induction machines in order to protect them against serious damage due to thermal overloads.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 831-22:2017	Rotating electrical machines  Part 22: AC generators for reciprocating internal combustion (RIC) engine driven generating sets. (1st Edition)	Establishes the principal characteristics of A.C. generators under the control of their voltage regulators when used for reciprocating internal combustion (RIC) engine driven generating set application and supplements the requirements given in MS 831-1. It covers the use of such generators for land and marine use but excludes generating sets used on aircraft or used to propel land vehicles and locomotives.
MS 831-23:2017	Rotating electrical machines  Part 23— Specification for the refurbishing of rotating electrical machines (1st Edition)	Covers the activities necessary to ensure the satisfactory rewinding and refurbishment of all types and sizes of rotating electrical machines.
MS 833:2013	Thermostats for electric storage water heaters (Geysers)— Specification (1st Edition)	Covers two types of thermostat that have contact breakers of the air-break type, for use in thermostatically controlled electric storage water heaters. The thermostats are intended for use in circuits at voltages not exceeding 240 V between phase and neutral and current ratings not exceeding 30 A.
MS 834:2013	Energy regulators for electric heating units – Specification (1st Edition)	Specifies requirements for energy regulators for electric heating units for household and similar use. It covers class I and class II regulators that have rated currents not exceeding 20 A and that are suitable for use in A.C. circuits for substantially resistive loads with a power factor not less than 0.95 at voltages between 220 V and 240 V between phase and neutral conductors.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 848:2011	The identification and classification of dangerous goods for transport (1st Edition)	Covers the identification of dangerous goods that are capable of posing a significant risk to health and safety of persons or to property and the environment.
MS 890:2013	Sanitary towels – Specification (1st Edition)	Specifies the requirements and test methods for sanitary towels.
MS 891:2013	Paints and varnishes – Visual comparison of the colour of paints (1st Edition)	Specifies a method for the visual comparison of the colour of films of paints or related products against a standard (either a reference standard or a freshly prepared standard) using either natural daylight or artificial light sources in a standard booth.
MS 892:2013	Paints and varnishes – Examination and preparation of test samples (1st Edition)	Specifies both the procedure for preliminary examination of a single sample, as received for testing, and the procedure for preparing a test sample by blending and reduction of a series of samples representative of a consignment or bulk of paint, varnish or related product.
MS 893:2013	Paints and varnishes – Natural weathering of coatings – Exposure and assessment (1st Edition)	Specifies the conditions which need to be taken into consideration in the selection of the type of natural weathering and the natural weathering procedure to be used to determine the resistance of coatings or coating systems (direct weathering or weathering behind window glass).
MS 896:2013	Green tea – Definition and basic requirements (1st Edition)	Specifies the parts of a named plant that are suitable for making green tea for consumption as a beverage and the chemical requirements for green tea that are used to indicate that tea from that source has been produced in accordance with good production practice. It also specifies the packing and labelling requirements for green tea in containers. It is not applicable to green tea subject to further processing such as decaffeination or further roasting.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 897-1:2013	Determination of substances characteristic of green and black tea - Part 1: Content of total polyphenols in tea - Colorimetric method using Folin-Ciocalteu reagent (1st Edition)	Specifies a method for the determination of the total polyphenol content of leaf tea and instant tea by a colorimetric assay using Folin-Ciocalteu phenol reagent. It is applicable to both green and black tea products.
MS 897-2:2013	Determination of substances characteristic of green and black tea - Part 2: Content of total catechins in green tea-Method using high-performance liquid chromatography. (1st Edition)	Specifies a high-performance liquid chromatographic (HPLC) method for the determination of the total catechin content of tea from the summation of the individual catechins. It applies to both leaf and instant green tea.
MS 899:2013	Restricted ingredients in cosmetic products - Methods of analysis (1st Edition)	Details methods of analysis and sampling for restricted ingredients in cosmetics products.
MS 912-1:2014	Plastics piping systems for hot and cold water installations – Polypropylene (PP)  Part 1: General (1st Edition)	Specifies general aspects of polypropylene (PP) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems) and for heating systems under design pressures and temperatures according to the class of application.
MS 912-2:2014	Plastics piping systems for hot and cold water installations – Polypropylene (PP)  Part 2: Pipes (1st Edition)	Specifies characteristics of pipes made from polypropylene (PP) for piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems) and for heating systems under operating pressures and temperatures appropriate to the class of application.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 912-3:2014	Plastics piping systems for hot and cold water installations – Polypropylene (PP) Part 3: Fittings (1st Edition)	Specifies characteristics of fittings for polypropylene (PP) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water, whether or not intended for human consumption (domestic systems) and for heating systems under design pressures and temperatures according to the class of application.
MS 912-5:2014	Plastics piping systems for hot and cold water installations – Polypropylene (PP) Part 5: Fitness for purpose of the system (1st Edition)	Specifies characteristics of the fitness for purpose of polypropylene (PP) piping systems, intended to be used for hot and cold water installations within buildings for the conveyance of water, whether or not intended for human consumption (domestic systems) and for heating systems, under design pressures and temperatures according to the class of application.
MS 912-7:2014	Plastics piping systems for hot and cold water installations – Polypropylene (PP) Part 7: Guidance for the assessment of conformity (1st Edition)	Gives guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of his quality system according to MS-ISO 9001.
MS 917:2014	Rammed earth structures – Code of practice. (1st Edition) (SADC Harmonized)	Gives guidance on the design, construction and test methods for rammed earth structures.
MS 918: 2013	Spices and condiments – Determination of moisture content-Entrainment method (1st Edition)	Specifies a method for the determination of the volatile oil content of spices, condiments and herbs. Specifies an entrainment method for the determination of moisture content of spices and condiments.
MS 919: 2013	Spices and condiments–Determination of acid-insoluble ash (1st Edition)	Specifies a method for the determination of acid-insoluble ash in spices and condiments.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 920: 2013	Spices, condiments and herbs – Determination of volatile oil content-hydrodistillation method (1st Edition)	Specifies a method for the determination of the volatile oil content of spices, condiments and herbs.
MS 922:2014	Spices and condiments – Determination of non-volatile ether extract (1st Edition)	Specifies a method for the determination of the non-volatile ether extract in spices and condiments.
MS 923:2014	Pepper and pepper oleoresins – Determination of piperine content, method using High Performance Liquid Chromatography (1st Edition)	Specifies a method for the determination by, High Performance Liquid Chromatography, of the piperine content of peppers ( <i>Piper nigrum</i> L.), whole or ground (powdered), as well as their extracts (oleoresins).
MS 924-1:2014	Chillies and chilli oleoresins – Determination of total capsaicinoid content, Part 1: Spectrometric method (1st Edition)	Specifies a method for the determination, by spectrometric method, of the total capsaicinoid content of whole or powdered chillies and their extracts.
MS 924-2:2014	Chillies and chilli oleoresins – Determination of total capsaicinoid content, Part 2: Method using High-Performance Liquid Chromatography (1st Edition)	Specifies a method for the determination, by High-Performance Liquid Chromatography, of the total capsaicinoid content of whole or powdered chillies and their extracts.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 925:2014	Ginger and ginger oleoresins – Determination of the main pungent components (gingerols and shogaols), method using High Performance Liquid Chromatography (1st Edition)	Describes a method for the determination of gingerols [6]-G, [8]-G, and [10]-G and the corresponding shogaols [6]-S, [8]-S and [10]-S in dried ginger or in oleoresins of ginger, by High Performance Liquid Chromatography, in the reverse phase.
MS 926-1:2015	Pallets for material handling - Flat pallets  Part 1: Test methods (1st Edition)	Specifies test methods of existing and prototype flat pallets for materials handling (for all types of use).
MS 926-2:2015	Pallets for materials handling - Flat pallets  Part 2: Performance requirements (1st Edition)	Specifies performance requirements to establish nominal loads for new flat pallets.
MS 926-3:2015	Pallets for materials handling - Flat pallets  Part 3: Maximum working loads (1st Edition)	Specifies determination of maximum working load for new flat pallets with known payloads in different handling environments.
MS 927:2015	Wood - Sampling methods and general requirements for test (1st Edition)	Specifies methods for the extensive and limited sampling of wood, conditioning and preparation of test pieces.
MS 935:2016	Principles and guidelines for the establishment and application of microbiological criteria related to foods (1st Edition)	Provides a framework for Malawi government and food business operators on the establishment and application of microbiological criteria that can be applied for food safety and other aspects of food hygiene.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 936:2016	Advisory lists of nutrient compounds for use in foods for special dietary uses intended for infants and young children (1st Edition)	Provides a list of nutrient compounds which may be used for nutritional purposes in foods for special dietary uses intended for infants and young children in accordance with the criteria and conditions of use identified below and other criteria for their use stipulated in the respective standards.
MS 937: 2014	Degermed maize (corn) meal and maize (corn) grits – Specification (1st Edition)	Applies to degermed maize (corn) meal and maize (corn) grits for direct human consumption milled from the kernels of common maize, <i>Zea mays</i> L.
MS 938: 2014	Sorghum flour – Specification (1st Edition)	Applies to sorghum flour destined for direct human consumption. The standard does not apply to grits or meal obtained from <i>Sorghum bicolor</i> (L.) Moench.
MS 952:2017	Live working – Ladders of insulating material(1st Edition)	Applies to fully insulating spliced and hook ladders with extension or having a combination of insulating and conductive sections and used for live working on A.C. or D.C. electrical installations at 1000V and above for A.C. and 1500 V and above for D.C.
MS 953-1:2017	Composite string insulators units for overhead lines with a nominal voltage greater than 1000 V Part 1: Standard strength classes and end fittings. (1st Edition)	Applies to composite string insulators units for A.C. overhead lines with a nominal voltage greater than 1000v and a frequency not greater than 100Hz.
MS 953-2:2017	Composite string insulators units for overhead lines with a nominal voltage greater than 1000 V Part 2: Dimension and electrical characteristics	Applies to composite string insulators units with a specified mechanical load (SML) of 40 Kn to 210 Kn for A.C. overhead lines with a nominal greater than 1000V and a frequency not greater than 100Hz

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 954:2017	Overhead lines – Calculation of the electrical component of distance between live parts and obstacles – Method of calculation (1st Edition)	Provides guidance for the calculation of electrical distances between live and earthed parts required to prevent air-gap breakdown which may endanger members of the public who legitimately come close to live parts. It is applicable only to overhead lines designed to operate at more than 45 kV phase-to-phase A.C.
MS 955:2017	Insulators for overhead lines – Composite line post insulators for A.C. with a nominal voltage greater than 1000V (1st Edition)	Applies to composite line post insulators consisting of a load bearing, cylindrical, insulating solid core made up of fibres – usually glass – in a resin-based matrix, a housing (outside the insulating core) made of elastomer material (for example, silicone or ethylene-propylene) and end fittings permanently attached to the insulating core.
MS 957-10:2017	Power transformers Part 10: Determination of sound levels (1st Edition)	Defines sound pressure and sound intensity measurement methods by which sound power levels of transformers, reactors and their associated cooling auxiliaries may be determined.
MS 963-1:2017	Convertor transformers Part 1: Transformers for industrial applications (1st Edition)	Specifies designing and testing of power transformers and reactors which are intended for integration within semiconductor convertor plants. It does not apply to transformers designed for industrial or public distribution of A.C. power in general.
MS 963-2:2017	Convertor transformers Part 2: Transformers for HVDC applications (1st Edition)	Applies to oil-immersed three-phase and single-phase convertor transformers for use in HVDC power transmission. It applies to transformers having two, three or multiple windings.
MS 967:2016	Textiles – Natural fibres – Generic names and definitions (1st Edition)	Gives the generic names and the definitions of the most important natural fibres according to their specific constitution or origin.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 968:2016	Textiles – Cotton fibres – Evaluation of maturity by the air flow method (1st Edition)	Specifies a method for the evaluation of the maturity of loose randomized cotton fibres by measuring the resistance to air flow of a plug of cotton fibres under two prescribed conditions.
MS 969:2016	Wool – Measurement of the length of fibres processed on the worsted system, using a fibre diagram machine (1st Edition)	Specifies a method for the measurement of wool fibres using a fibre diagram machine. This method applies to combed slivers processed on the worsted system.
MS 972-1:2016	Textiles – Assessment of the ignitability of bedding items  Part 1 : Ignition source : smouldering cigarette (1st Edition)	Specifies test methods for assessing the ignitability of all bedding items when subjected to a smouldering cigarette. It applies to bedding items, which can normally be placed on a mattress, for example: mattress covers; underlays; incontinence sheets and pads; sheets; blankets; electric blankets; quilts (duvets) and covers; pillows (whatever the filling) and bolsters; or pillowcases.
MS 973:2014	Performance criteria for authentication solutions used to combat counterfeiting of material goods (1st Edition)	Specifies performance criteria and evaluation methodology for authentication solutions used to establish material good authenticity throughout the entire material good life cycle. It does not specify how technical solutions achieve these performance criteria.
MS 974:2014	Textile fibres – Determination of breaking force and elongation at break of individual fibres (1st Edition)	Specifies the method and conditions of test for the determination of the breaking force and elongation at break of individual fibres in the conditioned or wet state.
MS 975:2014	Textile fibres – Determination of linear density – Gravimetric method and vibroscope method (1st Edition)	Specifies a gravimetric method and a vibroscope method for the determination of the linear density of textile fibres applicable respectively to bundles of fibres and individual fibres.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 979:2014	Textiles – Method for the removal of non-fibrous matter prior to quantitative analysis of fibre mixtures (1st Edition)	Describes procedures for the removal of certain commonly found types of non-fibrous substances from fibres.
MS 981: 2016	Surface active agents and detergents – Determination of water content – Karl Fischer methods (1st Edition)	Establishes guidelines for carrying out comparative tests for determining the principal performance characteristics of detergents, solid or liquid, for domestic hand dishwashing which are of interest to the consumer.
MS 984:2016	Surface active agents – Detergents for hand washing – Guide for comparative testing of performance (1st Edition)	Specifies two titration methods (volumetric and coulometric) using Karl Fischer reagent for the determination of the water content of surface active agents and detergents.
MS 986: 2014	Petroleum products – Fuels (Class F) – Gas turbine fuels for industrial and marine applications – Specification (1st Edition)	Specifies the requirements for petroleum fuels for gas turbines used in public utility, industrial, and marine applications.
MS 988: 2014	Guide for performance evaluation of hydraulic fluids for piston pumps (1st Edition)	Covers the establishment of test protocols and methodologies for determining the suitability of fluids for use in fluid power systems that incorporate axial or radial piston pumps.
MS 989: 2014	Mineral lubricating oil used in steam or gas turbines – Specification (1st Edition)	Covers mineral oils used in steam and gas turbine lubrication systems where the performance requirements demand a highly refined mineral base oil compounded with rust and oxidation inhibitors plus selected additives as needed to control foam, wear, demulsibility, and so forth.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 990: 2014	Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (1st Edition)	Specifies the minimum requirements of unused fire-resistant and less-flammable hydraulic fluids for hydrostatic and hydrodynamic systems in general industrial applications. It is not intended for use in aerospace or power-generation applications, where different requirements apply.
MS 991: 2014	Lubricants, industrial oils and related products (class L)–Family X (Greases) – Specification (1st Edition)	Specifies the requirements of greases used for lubrication of equipment, components of machines, vehicles, etc. The purpose of this Standard is to provide guidance to suppliers and end users of greases, and to equipment manufacturers of grease-lubricated equipment.
MS 992-1: 2014	Lubricants, industrial oils and related products (class L)–Family C (Gears) – Part 1: Specifications for lubricants for enclosed gear systems (1st Edition)	Establishes the specifications relative to Family C (Gears) for lubricants, industrial oils and related products of Class L.
MS 993: 2014	Machine – tool lubricants – Categories and specifications (1st Edition)	Provides the manufacturers and users of machine tools with criteria for the choice among the various categories of lubricants and gives specifications for these lubricants.
MS 994-1:2014	Lubricants, industrial oils and related products (Class L) – Classification-Part 1: Family A (Total loss system) (1st Edition)	Establishes the detailed classification of Family A (Total loss systems) which belongs to Class L (Lubricants, industrial oils and related products).

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 995: 2014	Standard specification for phosphate ester based fluids for turbine lubrication (1st Edition)	Covers the requirements for phosphate ester based fire resistant fluids for use in turbine lubrication.
MS 996: 2014	Standard practice for in-service monitoring of mineral turbine oils for steam, gas, and combined cycle turbines (1st Edition)	Covers the requirements for the effective monitoring of mineral turbine oils in service in steam and gas turbines, as individual or combined cycle turbines, used for power generation. This practice includes sampling and testing schedules to validate the condition of the lubricant through its life cycle and by ensuring required improvements to bring the present condition of the lubricant within the acceptable targets.
MS 997: 2014	Standard specification for mineral hydraulic oils (1st Edition)	Covers mineral oils used in hydraulic systems where the performance requirements demand fluids.
MS 1002: 2014	Miscibility with gasoline and fluidity of two-stroke-cycle gasoline engine lubricants – Specification (1st Edition)	Covers four categories of lubricants intended for use in two-stroke-cycle spark-ignition gasoline engines based on their miscibility with gasoline and their low-temperature fluidity.
MS 1012-1: 2020	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 1: General introduction and designation system (1st Edition).	Defines a system for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system used throughout MS1012. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes, for example, yellowing.

<b>Column 1 Malawi Standard Number</b>	<b>Column 2 Title of the Standard</b>	<b>Column 3 Scope (Description) of the standard</b>
MS 1012-2: 2020	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blistering, (1st Edition).	Specifies a method for assessing the degree of blistering of coatings by comparison with pictorial standards.
MS 1012-3: 2020	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting, (1st Edition)	Provides a method for assessing the degree of rusting of coatings by comparison with pictorial standards. The pictorial standards provided in the show coated steel surfaces which have deteriorated to different degrees by a combination of rust broken through the coating and visible under rust.
MS 1012-4: 2020	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 4: Assessment of degree of cracking, (1st Edition).	Provides a method for assessing the degree of cracking of coatings by comparison with pictorial standards.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1012-5: 2020	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of (1st Edition).	Provides a method for assessing the degree of flaking of coatings by comparison with pictorial standards.
MS 1012-6: 2020	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 6: Assessment of degree of chalking by tape method, (1st Edition)	Provides pictorial reference standards for designating the degree of chalking of paint coatings. It also describes a method by which the degree of chalking is rated. In using this method, it is essential that care be taken to distinguish between true degradation products and adhering dirt, particularly when chalking is slight.
MS 1013-1: 2020	Paint and varnishes – Determination of the percentage volume of non-volatile matter by volume – Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry film density by the Archimedes principle, (1st Edition).	Describes a procedure for determining the non-volatile matter by volume, NVV, of coating materials and related products by measuring the density of a dried coating for any specified temperature range and period of drying or curing. This method determines the non-volatile matter immediately after application.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1026-1: 2020	Paints and varnishes – Methods of exposure to laboratory light sources – Part 1: General guidance (1st Edition)	Provides information and general guidance relevant to the selection and operation of the methods of exposure described in detail in subsequent parts. It also describes general performance requirements for devices used for exposing paints and varnishes to laboratory light sources. Information about such performance requirements is provided for producers of artificial accelerated weathering or artificial accelerated irradiation devices.
MS 1026-2: 2020	Paints and varnishes – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (1st Edition)	Specifies methods for exposing specimens to xenon-arc light in the presence of moisture to reproduce the weathering effects that occur when materials are exposed in actual end-use environments to daylight or to daylight filtered through window glass.
MS 1034: 2020	Paints and varnishes – Corrosion tests in artificial atmospheres – Salt spray tests (1st edition)	Specifies the apparatus, the reagents and the procedure to be used in conducting the Neutral Salt Spray (NSS), Acetic Acid Salt Spray (AASS) and Copper-accelerated Acetic acid Salt Spray (CASS) tests for assessment of the corrosion resistance of metallic materials, with or without permanent or temporary corrosion protection.
MS 1047:2018	Road marking materials – Premix glass beads – Specification (1st Edition)	Specifies the requirements for laboratory testing (product control) and qualification procedures for premixed glass beads used in road marking materials.
MS 1057:2016	Textiles – Determination of fineness of flax fibres – Permeametric methods(1st Edition)	Specifies two permeametric methods for the determination of the fineness of flax fibres, namely, a reference method, with two compressions, using a test piece of parallel fibres (clause 5), and a simplified method, with one compression, using a test piece of fibres distributed “at random”.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1059:2016	Surface active agents – Detergent for washing fabrics – Guide for comparative testing performance (1st Edition)	Constitutes a guide for carrying out comparative tests of fabric washing products in such a way as to realistically reflect the performance of the products likely to be used by consumers.
MS 1076:2016	Hot dipped galvanised coatings on fabricated iron and steel articles – Specification and test methods (1st Edition)	Specifies the general properties of coatings and testing methods for coatings applied by dipping fabricated iron and steel articles (including certain castings) in a zinc melt (containing not more than 2 % of other metals).
MS1085 -1:2014	Wood – Methods of physical and mechanical testing – Vocabulary  Part 1 : General concepts and macrostructure (1st Edition)	Gives terms and definitions relating to general concepts and wood macrostructure.
MS 1088:2014	Pallets for materials handling – Repair of flat wooden pallets(1st Edition)	Specifies the maximum defects and damage allowed before a flat wooden pallet shall be repaired, and defines the minimum repair criteria that shall be used.
MS 1093:2015	Sawn timber of broadleaved species – Defects – Terms and definitions (1st Edition)	Establishes international terms and definitions for defects of sawn timber of broadleaved species. It covers unplanned sawn timber and sawn timber surfaced to size or planed but without profiling.
MS 1094:2015	Broadleaved sawn timber sizes – Method of measurement(1st Edition)	Specifies the methods of measurement of the length, width, thickness and volume of broadleaved sawn timber. It applies to unplanned, square-edged and unedged broadleaved sawn timber.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1099:2016	Cold-reduced steel sheet of higher yield strength with improved formability (1st Edition)	Applies to all grades of cold-rolled steel sheet of higher yield strength with improved formability. The steel is made according to fine-grain practice and has a suitable chemical composition, including microalloying elements, to provide improved formability. The product is intended for the fabrication of parts requiring better formability. It is generally used in the delivered condition.
MS 1112:2015	Code of hygienic practice for fresh fruits and vegetables (1st Edition)	Covers general hygienic practices for the primary production and packing of fresh fruits and vegetables cultivated for human consumption in order to produce a safe and wholesome product, particularly for those intended to be consumed raw.
MS 1113:2017	Code of practice for milk and milk products (1st Edition)	Applies to the production, processing and handling of milk and milk products as defined in MS 734.
MS 1114:2016	Dressed poultry – Specification (1st Edition)	Specifies quality requirements and methods of testing for dressed poultry. It applies to ready to cook poultry, including chicken, ducks, geese, turkeys, pigeons, guinea fowl or any other domesticated bird for commercial purposes.
MS 1115:2016	Smoking mixtures – Specification (1st Edition)	Prescribes the requirements and the methods of test for smoking mixtures made from a blend of processed tobacco.
MS 1120: 2016	Tobacco and tobacco products – Cigarette filters – Specification (1st Edition)	Specifies the requirements and methods of sampling and testing for cigarette filters.
MS 1240:2016	Sodium bicarbonate – Specification (1st Edition)	Prescribes the requirements and the methods of sampling and testing for sodium bicarbonate.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1252:2016	Meat and meat products – Determination of hydroxyproline content (1st Edition)	Specifies a method for the determination of the hydroxyproline content of all kinds of meat and meat products, including poultry.
MS 1255:2016	Meat and meat products – Determination of nitrate content (Reference method) (1st Edition)	Specifies a reference method for the determination of the nitrate content of meat and meat products by means of extraction.
MS 1257:2016	Baker's yeast – Specification (1st Edition)	Specifies the requirements and the methods of sampling and testing for Baker's yeast.
MS 1259:2017	Code of practice for good animal feeding (1st Edition)	Applies to the production and use of all materials destined for animal feed and feed ingredients at all levels whether produced industrially or on farm. It also includes grazing or free-range feeding, forage crop production and aquaculture.
MS1260-2-4:2016	Electromagnetic compatibility (EMC)  Part 2-4: Environment – Compatibility levels in industrial plants for low-frequency conducted disturbances (1st Edition)	Concerns conducted disturbances in the frequency range from 0 kHz to 9 kHz. It gives numerical compatibility levels for industrial and non-public power distribution systems at nominal voltages of up to 35 Kv and a nominal frequency of 50 Hz or 60 Hz.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS1260-2-6:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 2: Environment – Section 6: Assessment of the emission levels in the power supply of industrial plants as regards low-frequency conducted disturbances (1st Edition)</p>	<p>Recommends the procedures to assess the disturbance levels produced by the emission of the devices, equipment and systems installed in non-public networks in an industrial environment as far as the low frequency conducted disturbances in the power supply are concerned; on this basis, the relevant emission limits can be derived. It applies to low and medium voltage A.C. non-public supply at 50/60 Hz. Networks for ships, aircraft, off-shore platforms and railways are out of the scope report.</p>
MS1260-2-8:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 2-8: Environment – Voltage dips and short interruptions on public electric power supply systems with statistical measurement results (1st Edition)</p>	<p>Describes the electromagnetic disturbance phenomena of voltage dips and short interruptions in terms of their sources, effects, remedial measures, methods of measurement and measurement results (in so far as these are available). They are discussed primarily as phenomena observed on the networks of public electricity supply systems and having an effect on the electrical equipment receiving its energy supply from those systems.</p>
MS1260-2-14:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 2-14: Environment – Overvoltages on public electricity distribution systems (1st Edition)</p>	<p>Describes the electromagnetic environment with respect to the voltages in excess of normal that are found on electricity supply networks operating at low and medium nominal voltages that can be impressed on equipment connected to those networks, without considering further effects (for example, amplification or attenuation) within an installation.</p>
MS1260-3-7:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 3-7: Limits – Assessment of emission limits for the connection of fluctuating installations to MV, HV and EHV power systems (1st Edition)</p>	<p>Provides guidance on principles which can be used as the basis for determining the requirements for the connection of fluctuating installations to MV, HV and EHV public power systems. The primary objective is to provide guidance to system operators or owners on engineering practices which will facilitate the provision of adequate service quality for all connected customers. In addressing installations, this document is not intended to replace equipment standards for emission limits.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS1260-3-11:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 3-11: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems – Equipment with <b>rated current</b> <math>\leq</math> <b>75 A</b> and subject to conditional connection (1st Edition)</p>	<p>Concerns the emission of voltage changes, voltage fluctuations and flicker produced by equipment and impressed on the public low-voltage supply system.</p>
MS1260-3-15:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 3-15: Limits – Assessment of low frequency electromagnetic immunity and emission requirements for dispersed generation systems in LV network (1st Edition)</p>	<p>Concerns the critical assessment of existing and emerging national and international standards for single and multi-phase dispersed generation systems up to 75 A per phase, particularly converters connected to the public supply low voltage network, to serve as a starting point and to ultimately pave the way for the definition of appropriate EMC requirements and testing conditions.</p>
MS1260-4-1:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 4-1 Testing and measurements techniques – Overview of MS 1260-4 series (1st Edition)</p>	<p>Covers testing and measuring techniques for electric and electronic equipment (apparatus and systems) in its electromagnetic environment.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1260-4-5:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 4-5: Testing and measurement techniques – Surge immunity test (1st Edition)</p>	<p>Relates to the immunity requirements, test methods and range of recommended test levels for equipment with regard to unidirectional surges caused by over-voltages from switching and lightning transients. Several test levels are defined which relate to different environment and installation conditions. These requirements are developed for and are applicable to electrical and electronic equipment.</p>
MS 1260-4-14:2016	<p>IEC 61000-4-14 ed. 1.2 (2009-08-12) – Electromagnetic compatibility (EMC)</p> <p>Part 4-14: Testing and measurement techniques – Voltage fluctuation immunity test for equipment with input current not exceeding 16 A per phase (1st Edition)</p>	<p>This part of IEC 61000 is a basic electromagnetic compatibility (EMC) publication. It considers immunity tests for electrical and/or electronic equipment in their electromagnetic environment. Only conducted phenomena are considered, including immunity tests for equipment connected to public and industrial power supply networks.</p> <p>This part aims to establish a reference for evaluating the immunity of electric and electronic equipment when subjected to positive and negative low amplitude voltage fluctuations.</p>
MS 1260-4-16:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz (1st Edition)</p>	<p>Relates to the immunity requirements and test methods for electrical and electronic equipment to conducted, common mode disturbances in the range D.C. to 150 kHz.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1260-4-27:2016	Electromagnetic compatibility (EMC) – Part 4-27: Testing and measurement techniques – Unbalance, immunity test for equipment with input current not exceeding 16 A per phase (1st Edition)	This part of IEC 61000 is a basic EMC (electromagnetic compatibility) publication. It considers immunity tests for electric and/or electronic equipment (apparatus and system) in its electromagnetic environment. Only conducted phenomena are considered, including immunity tests for equipment connected to public and industrial networks.
MS 1260-4-28:2016	Electromagnetic compatibility (EMC)– Part 4-28: Testing and measurement techniques – Variation of power frequency, immunity test for equipment with input current not exceeding 16 A per phase (1st Edition)	This part of IEC 61000 is a basic EMC (electromagnetic compatibility) publication. It considers immunity tests for electric and/or electronic equipment in its electromagnetic environment. Only conducted phenomena are considered, including immunity tests for equipment connected to public and industrial networks.
MS 1260-4-30:2016	Electromagnetic compatibility (EMC) Part 4-30 Testing and measurements techniques – Power quality measurement methods (1st Edition)	Defines the methods of measurement and interpretation of results for the power quality parameters in A.C. power supply systems with a declared fundamental frequency of 50 Hz or 60 Hz.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS1260-5-1:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 5: Installation and mitigation guidelines – Section 1: General considerations (1st Edition)</p>	<p>Covers general considerations and guidelines on mitigation methods aimed at ensuring electromagnetic compatibility (EMC) among electrical and electronic apparatus or systems used in industrial, commercial, and residential installations. This technical report is intended for use by installers and users, and to some extent manufacturers, of sensitive electrical or electronic installations and systems, and equipment with high emission levels that could degrade the overall electromagnetic (EM) environment. It applies primarily to new installations, but where economically feasible, it may be applied to extensions or modifications to existing facilities.</p>
MS1260-5-2:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 5: Installation and mitigation guidelines – Section 2: Earthing and cabling (1st Edition)</p>	<p>Covers guidelines for the earthing and cabling of electrical and electronic systems and installations aimed at ensuring electromagnetic compatibility (EMC) among electrical and electronic apparatus or systems. More particularly, it is concerned with earthing practices and with cables used in industrial, commercial; and residential installations.</p>
MS1260-5-7:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 5-7: installation and mitigation guidelines – Degrees of protection provided by enclosures against electromagnetic disturbances (EM code) (1st Edition)</p>	<p>Describes performance requirements, test methods and classification procedures for degrees of protection provided by empty enclosures against electromagnetic disturbances for frequencies between 10 kHz and 40 GHz.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS1260-6-1:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 6-1: Generic standards – Immunity standard for residential, commercial and light-industrial environments (1st Edition)</p>	<p>Applies to electrical and electronic apparatus equipment intended for use in residential, commercial, public and light-industrial environments locations. Immunity requirements in the frequency range 0 Hz to 400 GHz are covered. No tests need to be performed at frequencies where no requirements are specified.</p>
MS1260-6-2:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 6-2: Generic standards – Immunity for industrial environments (1st Edition)</p>	<p>Applies to electrical and electronic apparatus intended for use in industrial environments. Immunity requirements in the frequency range of 0 Hz to 400 GHz are covered. No tests need to be performed at frequencies where no requirements are specified.</p>
MS1260-6-3:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 6-2: Generic standards – Emission standard for residential, commercial and light-industrial environments (1st Edition)</p>	<p>Applies to the electrical and electronic apparatus intended for use in residential, commercial and light-industrial environments.</p>
MS1260-6-4:2016	<p>Electromagnetic compatibility (EMC)</p> <p>Part 6-4: Generic standards – Emission standards for industrial environments(1st Edition)</p>	<p>Applies to electrical and electronic apparatus intended for use in industrial environments.</p>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS1260-6-5:2016	Electromagnetic compatibility (EMC)  Part 6-5: Generic standards – Immunity for power station and substation environments (1st Edition)	The technical specification sets immunity requirements for apparatus intended for use by Electricity Utilities in the generation, transmission and distribution of electricity and related telecommunication systems.
MS 1265:2016	Cooked cured ham –Specification (1st Edition)	Applies to products designated as “cooked ham” packaged in any suitable packaging material. It does not apply to cooked ham products with compositional characteristics different from those specified.
MS 1274:2016	Cassava crisps – Specifications (1st Edition)	Specifies requirements and methods of sampling and testing for crisps made from sweet varieties of cassava ( <i>Manihotesculenta</i> Crantz).
MS 1275:2016	Groundnut flour – Specification ((1st Edition)	Specifies requirements and methods of sampling and testing for groundnut flour intended for human consumption.
MS 1289-1:2017	Pepper ( <i>Piper nigrum</i> L.) whole or ground – Specification  Part 1 : Black pepper(1st Edition)	Specifies requirements for black pepper ( <i>Piper nigrum</i> L.) whole or ground (powdered).
MS 1289-2:2017	Pepper ( <i>Piper nigrum</i> L.) whole or ground – Specification  Part 2: White pepper (1st Edition)	Specifies requirements for white pepper ( <i>Piper nigrum</i> L.) (MS 1068), whole or ground (powdered), at the following commercial stages: (a) semi processed; and (b) processed.
MS 1290:2017	Ground paprika ( <i>Capsicum annum</i> L.) – Specification (1st Edition)	Specifies the requirements for ground paprika.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1291:2017	Dehydrated green pepper ( <i>Piper nigrum</i> L- Specification(1st Edition)	Specifies the requirements for dehydrated green pepper ( <i>Piper nigrum</i> L.).
MS 1293:2017	Dehydrated garlic ( <i>Allium sativum</i> L) – Specification (1st Edition)	Specifies requirements for dehydrated garlic ( <i>Allium sativum</i> L.).
MS 1296-1:2017	Vanilla [ <i>Vanilla fragrans</i> (Salisbury) Ames] – Part 1 : Specification(1st Edition)	Specifies requirements for vanilla belonging to the species <i>Vanilla fragrans</i> (Salisbury) Ames, syn. <i>Vanilla planifolia</i> Andrews
MS 1326:2017	Standard voltage (1st Edition)	Applies to A.C. transmission, distribution and utilization systems and equipment for use in such systems with standard frequencies 50 Hz and 60 Hz having a nominal voltage above 100 V;A.C. and D.C. traction systems; A.C. and D.C. equipment having nominal voltages below 120 V A.C. or below 750 V D.C., the A.C. voltages being intended (but not exclusively) for 50 Hz and 60 Hz applications; such equipment covers batteries (from primary or secondary cells), other power supply devices (A.C.. or D.C..), electrical equipment (including industrial and communication), and appliances.
MS 1327:2017	Standard current rating (1st Edition)	Specifies standard current ratings for electrical devices, apparatus, instruments and equipment and should be applied to the designing of utilization systems or equipment as well as to operating characteristics.
MS 1345:2016	Code of practice for control of the use of veterinary drugs(1st Edition)	Provides guidelines on the prescription, application, distribution and control of drugs used for treating animals, preserving animal health or improving animal production. The code has been developed to contribute towards the protection of public health.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1361:2016	Routine analytical cigarette – Smoking machine_ definitions and standard conditions (1st Edition)	Defines smoking parameters and specifies the standard conditions to be provided for the routine analytical machine smoking of cigarettes
MS 1362:2016	Cigarettes – Sampling (1st Edition)	Specifies two methods of providing representative samples of a population of cigarettes manufactured for sale.
MS1364:2016	Synthetic detergent paste – Specification (1st Edition)	Prescribes the requirements, methods of sampling and testing for synthetic detergent pastes based predominantly on the use of alkyl aryl sulphonates for hand and machine wash.
MS 1365:2016	Cigarettes – Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine (1st Edition)	Specifies methods for the determination of total particulate matter and for the subsequent determination of nicotine-free dry particulate matter present in the smoke from cigarettes generated and collected using a routine analytical smoking machine.
MS 1369:2016	Cigarettes and filter rods – Determination of nominal diameter – Method using a non-contact optical measuring apparatus (1st Edition)	Specifies a non-contact, optical method of gauging for determination of the mean, minimum and maximum diameters and the ovality (or roundness) of rod-shaped objects with a nominally circular or oval cross section that is convex curvilinear. The method is applicable, in particular, to cigarettes and filter rods.
MS 1382:2017	High quality cassava flour – Specification (1st Edition)	Specifies the requirements and methods of sampling and testing for high quality cassava flour which is obtained from the processing of cassava roots ( <i>Manihotesculenta</i> Crantz) intended for human consumption, industrial use and other application.
MS 1383:2017	Fruit cordials – Specification (1st Edition)	Specifies the requirements for fruit cordials.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1384:2017	Sweet potato crisps – Specification (1st Edition)	Specifies requirements and methods of sampling and testing for crisps made from storage roots of sweet potato ( <i>Ipomoea batatas</i> L.) intended for human consumption.
MS 1385:2017	Sweet potato flour – Specification (1st Edition)	Specifies requirements and methods of sampling and testing for flour which is obtained from the processing of sweet potato roots ( <i>Ipomoea batatas</i> L.) intended for human consumption.
MS 1386:2017	Cassava and cassava products – Determination of total cyanogens – Enzymatic assay method (1st Edition)	Specifies a method for the determination of total cyanogens in cassava and cassava products.
MS 1387:2017	Flavoured drink in solid form – Specification (1st Edition)	Specifies the requirements, methods of sampling and testing for flavoured drink in solid form intended for direct human consumption as a ready to drink beverage after reconstitution with potable water.
MS 1388:2018	Fortified wines – Specification (1st Edition)	Specifies requirements and methods of sampling and testing for fortified wines.
MS 1389:2018	Sparkling wine – Specification (1st Edition)	Specifies requirements and methods of sampling and testing for sparkling wine.
MS 1390:2017	Energy drinks – Specification (1st Edition)	Specifies requirements and methods of test for non-alcoholic energy drinks, intended for direct consumption.
MS 1392:2017	Fruit juice drinks – Specification (1st Edition)	Specifies requirements and methods of sampling and testing for ready to serve drinks containing fruit juice.
MS 1393:2017	Fruit based soft drinks with milk – Specification (1st Edition)	Specifies requirements and methods of test for fruit based soft drinks with milk, intended for direct consumption. This standard covers fruit based soft drinks made from a blend of skimmed milk and fruit juices.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1395:2018	Cottage cheese – Specification (1st Edition)	Applies to cottage cheese intended for direct consumption or for further processing.
MS 1396:2018	Edible casein products – Specification (1st Edition)	Applies to edible acid casein, edible rennet casein and edible caseinate, intended for direct consumption or further processing.
MS 1397:2018	Whey powders – Specification (1st Edition)	Applies to whey powder and acid whey powder intended for direct consumption or further processing.
MS 1398:2018	A blend of evaporated skimmed milk and vegetable – Specification (1st Edition)	Applies to a blend of evaporated skimmed milk and vegetable fat, also known as a blend of unsweetened condensed skimmed milk and vegetable fat which is intended for direct consumption or further processing.
MS 1404:2016	Quick frozen fish sticks (fish fingers), fish portions and fish fillets – breaded or in batter – Specification (1st Edition)	Applies to quick frozen fish sticks (fish fingers) and fish portions cut from quick frozen fish flesh blocks, or formed from fish flesh, and to natural fish fillets, breaded or batter coatings, singly or in combination, raw or partially cooked and offered for direct human consumption without further industrial processing.
MS 1408-1:2019	Fine-cut tobacco and smoking articles made from it – Methods of sampling, conditioning and analysis - Part 1: Sampling (1st Edition)	Specifies two methods of sampling a population of fine-cut tobacco manufactured for sale for the preparation of smoking articles.
MS 1408-2:2016	Fine-cut tobacco and smoking articles made from it – Methods of sampling, conditioning and analysis – Part 2: Atmosphere for conditioning and testing (1st Edition)	Specifies an atmosphere for conditioning and testing samples of fine-cut tobacco and test pieces made from it.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1408-3:2016	Fine-cut tobacco and smoking articles made from it – Methods of sampling, conditioning and analysis - Part 3: Determination of total particulate matter of smoking articles using a routine analytical smoking machine, preparation for the determination of water and nicotine and calculation of nicotine-free dry particulate matter (First edition)	Specifies methods for the determination of total particulate matter and preparation for the subsequent determination of nicotine-free dry particulate matter present in the smoke from articles made from fine-cut tobacco, generated and collected using a routine analytical smoking machine.
MS 1409-1:2017	Automatic instruments for weighing road vehicles in motion and measuring axle loads  Part 1: Metrological and technical requirements – Tests (1st Edition)	Specifies the requirements and test methods for automatic instruments for weighing road vehicles in motion that are used to determine the vehicle mass, the axle loads, and, if applicable, the axle-group loads of road vehicles when the vehicles are weighed in motion.
MS 1409-2:2017	Automatic instruments for weighing road vehicles in motion and measuring axle loads (1st Edition)	Aims at presenting, in a standardized format, the results of the various tests and examinations to which a type of an automatic instrument for measuring axle load and the mass of road vehicles in motion shall be submitted with a view to its approval.
MS 1410-1:2017	Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers) Part 1: Metrological and technical requirements – Test (1st Edition)	Specifies the requirement and test methods for discontinuous totalizing automatic weighing instruments (totalizing hopper weighers).

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1410-2:2017	Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers)  Part 2: Test report format (1st Edition)	Aims at presenting, in a standardized format, the results of the various tests and examinations to which a type of a totalizing automatic weighing instrument shall be submitted with a view to its approval.
MS 1411-1:2017	Weights of classes E1, E2, F1, F2, M1, M1-2, M2, M2-3 and M3  Part 1: Metrological and technical requirements (1st Edition)	Contains technical and metrological requirements for weights used:  (a) as standards for the verification of weighing instruments;  (b) as standards for the verification or calibration of weights of a lower accuracy class; and  (c) with weighing instruments.
MS 1411-2:2017	Weights of classes E1, E2, F1, F2, M1, M1-2, M2, M2-3 and M3  Part 2: Test Report Format (1st Edition)	Aims to present, in a standardized format, the results of the various tests and examinations to which types of weights of classes E1, E2, F1, F2, M1, M1-2, M2, M2-3 and M3 shall be submitted with a view to their approval.
MS 1412-1:2017	Dynamic measuring systems for liquids other than water  Part 1: Metrological and technical requirements(1st Edition)	Specifies the metrological and technical requirements applicable to dynamic measuring systems for quantities (volume or mass) of liquids other than water subject to legal metrology controls.
MS 1412-2:2017	Dynamic measuring systems for liquids other than water  Part 2: Metrological controls and performance tests (1st Edition)	Specifies the metrological and technical requirements applicable to dynamic measuring systems for quantities (volume or mass) of liquids other than water subject to legal metrology controls. It also provides requirements for the approval of specific components of the measuring systems.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1413-1:2017	Automatic gravimetric filling instruments  Part 1: Metrological and technical requirements – Tests (1st Edition)	Specifies the metrological and technical requirements for automatic gravimetric filling instruments which produce predetermined mass of individual fills of products from one or more loads by automatic weighing.
MS 1413-2:2017	Automatic gravimetric filling instruments  Part 2: Test report format (1st Edition)	Aims to present, in a standardized format, the results of the various tests and examinations to which a type of an automatic gravimetric filling instrument shall be submitted with a view to its approval.
MS 1414:2017	Metrological regulation for load cells (1st Edition)	Prescribes the principal metrological static requirements and static evaluation procedures for load cells used in the determination of conformity to this recommendation.
MS 1415-1:2017	Automatic catchweighing instruments  Part 1: Metrological and technical requirements – Tests (1st Edition)	Specifies the metrological and technical requirements and testing procedures for automatic catchweighing instruments (catchweighers).
MS 1415-2:2017	Automatic catchweighing instruments  Part 2: Test report format (1st Edition)	Aims at presenting, in a standardized format, the results of the various tests and examinations to which a type of an automatic catchweighing instrument shall be submitted with a view to its approval.
MS 1416-1:2017	Water meters intended for the metering of cold potable water  Part 1: Metrological and technical requirements (1st Edition)	Applies to water meters used to meter the actual volume of cold potable water flowing through a fully charged, closed conduit. These water meters shall incorporate devices which indicate the integrated volume.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1416-2:2017	Water meters intended for the metering of cold potable water and hot water Part 2: Test methods (1st Edition)	Applicable to the type evaluation and initial verification testing of water meters intended for the metering of cold potable water and hot water as defined in OIML R 49-1 [1].
MS 1417-1:2017	Continuous totalizing automatic weighing instruments (belt weighers) Part 1: Metrological and technical requirements – Tests (1st Edition)	Specifies the metrological and technical requirements for continuous totalizing automatic weighing instruments of the belt conveyor type.
MS 1417-2:2017	Continuous totalizing automatic weighing instruments (belt weighers). Part 2: Test procedures (1st Edition)	Aims at presenting, in a standardized format, the procedure to be followed when carrying out tests on continuous totalizing automatic weighing instruments.
MS 1418:2017	Taximeters. Metrological and technical requirements, test procedures and test report format (1st Edition)	Specifies the metrological and technical requirements and test procedures for taximeters that are subject to national metrological control.
MS 1419:2017	Fixed storage tanks – General requirements (1st Edition)	Specifies the general requirements all stationary storage tanks onshore with fixed or floating roofs including pressured, non-pressured, refrigerated and non-refrigerated.
MS 1420:2017	Length measuring instruments (1st Edition)	Applies to length measuring instruments, that is to say instruments (other than length measures) which determine the length of a line, wire, cable, tape, piece of cloth, strip, sheet or any other developable piece.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1421-1 & 2 : 2017	Automatic level gauges for measuring the level of liquid in stationary storage tanks  Part 1: Metrological and technical requirements Part 2: Metrological control and tests (1st Edition)	Specifies the metrological and technical requirements and test procedures for automatic level gauges for storage tanks.
MS 1422 – 1 & 2 : 2017	Active electrical energy meters. Part 1: Metrological and technical requirements, Part 2: Metrological controls and performance tests (1st Edition)	Specifies the metrological and technical requirements applicable to electricity meters subject to legal metrological controls. The requirements are to be applied during type approval, verification, and re-verification.
MS 1423:2017	Medical syringes (1st Edition)	Applies to medical syringes with glass barrels intended for general use.
MS 1424:2017	Standard capacity measures for testing measuring systems for liquids other than water (1st Edition)	Specifies the characteristics of standard capacity measures and describes the methods by which measuring systems for liquids other than water are tested in order to verify that they comply with the relevant metrological requirements.
MS 1425:2017	Radar equipment for the measurement of the speed of vehicles (1st Edition)	Applicable to microwave doppler radar equipment for the measurement of traffic speed on roads.
MS 1426:2017	Evidential breath analyzers (1st Edition)	Applies to quantitative breath alcohol analyzers that render a measurement result of alcohol concentration in exhaled human breath for the purpose of establishing compliance with national policy for fighting against alcohol abuse.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1427:2017	Vessels for commercial transactions (1st Edition)	Applies to volumetric containers or vessels used to measure, and when applicable to store and transport, liquids for commercial transactions.
MS 1428:2017	Hexagonal weights - Metrological and technical requirements (1st Edition)	Applies to hexagonal weights made of grey cast iron.
MS 1429-1:2017	Material measures of length for general use Part 1: Metrological and technical requirements (1st Edition)	Applies to material measures of length for general use.
MS 1429-2:2017	Material measures of length for general use Part 2: Test methods (1st Edition)	Applicable to the type evaluation and initial verification testing of material measures of length for general use.
MS 1429-3:2017	Material measures of length for general use Part 3: Test report format (1st Edition)	Aims at presenting, in a standardized format, the results of the various tests to which a type of material measures of length for general use shall be submitted with a view to its approval.
MS 1430-1:2017	Non-automatic weighing instruments Part 1: Metrological and technical requirements – Tests (1st Edition)	Specifies the metrological and technical requirements for non-automatic weighing instruments that are subject to official metrological control.
MS 1430-2:2017	Non-automatic weighing instruments Part 2: Test report format (1st Edition)	Aims at presenting, in a standardized format, the results of the various tests to which a type of a non-automatic weighing instrument shall be submitted with a view to its approval.
MS 1431:2017	Edible cassava starch – Specification (1st Edition)	Specifies the requirements and the methods of sampling and testing for edible cassava starch.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1432:2018	Brewer's yeast – Specification (1ST Edition)	Specifies the requirements and the methods of sampling and testing for edible dried yeast for use in the brewing of beer.
MS 1442:2020	Tea – Classification of grades by particle size analysis(1ST Edition)	Specifies a method for the classification of grades of tea according to the analysis of their particle size. It is not applicable to large, leafy grades of tea.
MS 1449:2020	Whey cheeses – Specification(1st Edition)	Applies to all products intended for direct consumption or further processing in conformity with the definition of whey cheeses.
MS 1450:2020	Whey cheese — Determination of dry matter (Reference method) (1st Edition)	Specifies a reference method for the determination of the dry matter of whey cheeses.
MS 1452:2020	Cream cheese – Specification (1st Edition)	Prescribes the requirements and methods of sampling and testing for cream cheese intended for direct consumption or for further processing.
MS 1453:2020	Whey cheese — Determination of fat content – Gravimetric method (Reference method) (1st Edition)	Specifies the reference method for the determination of fat content of whey cheese. The method is not applicable to products which do not dissolve completely in ammonia solution or which contain free fatty acids in significant quantities.
MS 1454:2020	Gouda cheese – Specification (1st Edition).	Prescribes the requirements and methods of sampling and testing for gouda cheese intended for direct consumption or for further processing.
MS 1455:2020	Unripened cheese including fresh cheese – Specification (1st Edition)	Applies to unripened cheese including fresh cheese, intended for direct consumption or further processing.
MS 1456:2020	Cheeses in brine – Specification (1st Edition)	Applies to cheeses in brine, intended for direct consumption or further processing.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1458: 2020	Green grams – Specification and grading (1st Edition)	Applies to the dry whole grains of the green grams of the cultivar <i>Vignaradiata</i> intended for direct human consumption. It does not apply to green grams intended for factory grading and packaging, industrial processing, or to those green grams intended for use in the feeding of animals.
MS 1459: 2020	Finger millet – Specification and grading (1st edition)	Specifies the quality and grading requirements and methods of test for finger millet grains of varieties (cultivars) grown from <i>Eleusinecoracana</i> (L.) Gaertner intended for human consumption, that is, ready for its intended use as human food, presented in packaged form or sold loose from the package directly to the consumer. It does not apply to other products derived from finger millet grains.
MS 1460: 2020	Chick peas – Specification and grading (1st Edition)	Specifies the quality and grading requirements and methods of analysis for dry chickpeas of the varieties (cultivars) grown from <i>Cicer arietinum</i> Linn. intended for human consumption.
MS 1465: 2020	Instant coffee powder – Specification, (1stEdition)	Prescribes the requirements and methods of sampling and testing for instant/soluble coffee powder.
MS 1467:2020	Fertilizers – Determination of moisture and impurities (1st Edition)	Prescribes the methods for determination of moisture and impurities, namely, biuret, free acidity, arsenic, calcium nitrate, fluorine, nickel, chromium and sodium in fertilizers and fertilizer mixtures.
MS 1468:2020	Fertilizers – Determination of total nitrogen content – Titrimetric method after distillation (1st Edition)	Specifies a titrimetric method, after distillation, for the determination of the total nitrogen content of fertilizers in all forms, including those which have to be digested.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1469:2020	Fertilizers – Extraction of water-soluble phosphates (1st Edition)	Specifies a method for the extraction of water-soluble phosphorus (V) oxide from fertilizers.
MS 1470:2020	Fertilizers – Extraction of phosphates soluble in mineral acids (1st Edition)	Specifies a method for the extraction of mineral acid soluble phosphates by attack with a mixture of hydrochloric and nitric acids and a method by attack with a mixture of sulfuric and nitric acids.
MS 1471:2020	Fertilizer – Determination of phosphorus content – Quinolinephosphomolybdate gravimetric method. (1st Edition)	Specifies a gravimetric method using quinolinephosphomolybdate for the determination of phosphorus (expressed as diphosphorus pentoxide) in a solution prepared from natural mineral phosphates or fertilizers.
MS 1472:2020	Fertilizers and soil conditioners – Determination of water-soluble potassium content – Potassium tetraphenylborate gravimetric method(1st Edition)	Specifies a gravimetric method for the determination of the water-soluble potassium content of test solutions of fertilizers.
MS 1473:2020	Solid fertilizers – Sampling plan for the evaluation of a large delivery (1st Edition)	Specifies a method for sampling a delivery of more than 250 tonnes of fertilizer and, after analysis of the sample or samples, presents rules for assessing whether the delivery can be accepted by a buyer, allowing for given reselling risks under given local legal conditions (or if he wishes to guarantee to the final buyer a given mean assay with a given risk).
MS 1474:2020	Solid fertilizer – Determination of mineral-acid-soluble sulfate content – Gravimetric method (1st Edition)	Specifies a gravimetric method for the determination of the water-soluble potassium content of test solutions of fertilizers.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1475:2020	Solid fertilizers – Simple sampling method for small lots (1st Edition).	Defines a sampling plan for the control of quantities of solid fertilizer not more than 250 tonnes and outlines the method to be used.
MS 1476:2020	Solid fertilizers and soil conditioners – Test sieving (1st Edition)	Specifies a method for the determination of the particle size distribution of solid fertilizers and soil conditioners by test sieving.
MS 1477:2020	Fertilizers and soil conditioners – Determination of arsenic, <i>cadmium</i> , <i>chromium</i> , lead and mercury contents (1st Edition)	Specifies the test methods for determination of metals soluble in nitric acid: arsenic, <i>cadmium</i> , <i>chromium</i> , lead, and mercury contents in fertilizers.
MS 1496:2020	Wax polish – Determination of water content (1st Edition)	Specifies a method for the determination of the water content of solvent-based wax polishes.
MS 1497:2020	Wax polish – Determination of the softening point of the non-volatile matter (1st Edition)	Specifies a method for the determination of the softening point of the non-volatile matter of wax polishes.
MS 1498:2020	Wax polish – Method of test for penetration (1st Edition)	Specifies a method for the determination of the depth of penetration of penetrometer cones in wax (paste) polishes.
MS 1499:2020	Wax polish – Method of test for performance (1st Edition)	Specifies a method for the determination of the performance of wax polishes.
MS 1500:2020	Wax polish – Determination of non-volatile matter content and the ash content of non-volatile matter (1st Edition)	Specifies a method for the determination of the non-volatile matter content and the ash content of the non-volatile matter of wax polishes.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS 1507:2020	Tea – Determination of alkalinity of water-soluble ash (1st Edition)	Specifies a method for the determination of alkalinity of water-soluble ash of tea.
MS 1508:2020	Tea – Determination of total ash (1st Edition)	Specifies a method for the determination of the total ash from tea.
MS 1509:2020	Tea – Determination of water-soluble ash and water-insoluble ash (1st Edition)	Specifies a method for the determination of the water-soluble ash and the water-insoluble ash of tea.
MS 1510:2019	Tea – Determination of acid-insoluble ash (1st Edition)	Specifies the determination of the acid-insoluble ash from tea.
MS 1512-1:2020	Clean cookstoves and clean cooking solutions - Harmonized laboratory test protocols Part 1: Standard test sequence for emissions and performance, safety and durability (1st Edition)	Specifies laboratory measurement and evaluation methods for particulate and gaseous air pollutant emissions, energy efficiency, safety, and durability of cook stoves.
MS 1513:2020	Clean cookstoves and clean cooking solutions — Vocabulary (1st Edition)	Defines terms for use in documents prepared by MBS/TC 21. Basic schematic illustrations are also provided to demonstrate relationships among certain concepts defined herein.
MS 1548:2020	Hand sanitizer (alcohol-based) – Specification	Specifies requirements and methods of sampling and testing for alcohol-based hand sanitizer (hand-rub).
MS –ISO/IEC 60:2004	Conformity assessment – Code of good practice (1st Edition)	Recommends good practices for all elements of conformity assessment, including normative documents, bodies, systems, schemes and results.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS-ISO 9001:2018	Quality management systems – Requirements (5th Edition)	<p>Specifies requirements for a quality management system when an organization:</p> <ul style="list-style-type: none"> <li>(a) needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements; and</li> <li>(b) aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.</li> </ul>
MS-ISO 14001:2015	Environmental management systems – Requirements with guidance for use (3rd Edition)	<p>Specifies the requirement for an environmental management system that an organisation can use to enhance its environmental performance. This International Standard is intended for use by an organisation seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.</p> <p>The standard helps an organisation achieve intended outcomes of its environmental management systems which provide value for the environment, the organisation itself and interested parties. Consistent with the organisations environmental policy, the intended outcomes of an environmental management system include:</p> <ul style="list-style-type: none"> <li>(a) enhancement of environmental performance;</li> <li>(b) fulfilment of compliance obligation; and</li> <li>(c) achievement of environmental objectives.</li> </ul>

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS-ISO 14004:2016	Environmental management systems — General guidelines on implementation	Provides guidance for an organization on the establishment, implementation, maintenance and improvement of a robust, credible and reliable environmental management system (EMS).
MS-ISO 14021: 2016	Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling) (2nd Edition)	Specifies requirements for self-declared environmental claims, including statements, symbols and graphics, regarding products.
MS-ISO 14024:2016	Environmental labels and declarations – Type I environmental labelling – Principles and procedures (2nd Edition)	Establishes the principles and procedures for developing Type I environmental labelling programmes, including the selection of product categories, product environmental criteria and product function characteristics, and for assessing and demonstrating compliance.
MS-ISO 14025: 2014	Environmental labels and declarations – Type III environmental labelling –Principles and procedures (1st Edition)	Establishes the principles and specifies the procedures for developing Type III environmental declaration programmes and Type III environmental declarations.
MS-ISO 14040:2006	Environmental management – Life cycle assessment – Principles and framework	Describes the principles and framework for life cycle assessment (LCA) including the goal and scope definition of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitation of the LCA, relationship between the LCA phases, and conditions for use of value choices and optional elements.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS- ISO 14055-1:2017	Environmental management – Guidelines for establishing good practices for combating land degradation and desertification Part 1: Good practices framework (1st Edition)	Provides guidelines for establishing good practices in land management to prevent or minimize land degradation and desertification.
MS-ISO 15189:2012	Medical laboratories – Requirements for quality and competence (1st Edition)	Specifies requirements for quality and competence particular to medical laboratories.
MS-ISO/IEC TS 17021-3:2013	Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 3: Competence requirements for auditing and certification of quality management systems (1st Edition)	Complements the existing requirements of ISO/IEC 17021. It includes specific competence requirements for personnel involved in the certification process for quality management systems (QMS).
MS-ISO 17021-10:2018	Conformity assessment – Requirements for bodies providing audit and certification of management systems Part 10: Competence requirements for auditing and certification of occupation health and safety management systems (1st Edition)	Specifies additional competence requirements for personnel involved in the audit and certification process for an occupational health and safety (OH&S) management system and complements the existing requirements of ISO/IEC 17021-1.

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
MS-ISO/IEC TS 17023:2013	Conformity assessment – Guidelines for determining the duration of management system certification audits (1st Edition)	Provides guidelines for determining the duration of management system certification audits to the bodies providing audit and certification of management systems and to those that develop and maintain certification schemes.
MS-ISO 22000:2018	Food safety management systems – Requirements for any organization in the food chain (2nd Edition)	Specifies requirements for a food safety management system (FSMS) to enable an organization that is directly or indirectly involved in food chain.
MS-ISO/TS 22002-2:2013	Prerequisite programmes on food safety  Part 2: Catering (1st Edition)	Specifies the requirements for the design, implementation, and maintenance of prerequisite programmes (PRPs) to assist in controlling food safety hazards in catering, and is applicable to all organizations which are involved in the processing, preparation, distribution, transport, and serving of food and meals and wish to implement PRPs in accordance with the requirements specified in ISO 22000:2005.
MS-ISO 26000:2010	Guidance on social responsibility (1st Edition)	Provides guidance to all types of organizations, regardless of their size or location, on:  (a) concepts, terms and definitions related to social responsibility;  (b) the background, trends and characteristics of social responsibility;  (c) principles and practices relating to social responsibility;  (d) the core subjects and issues of social responsibility;

Column 1 Malawi Standard Number	Column 2 Title of the Standard	Column 3 Scope (Description) of the standard
		<p>(e) integrating, implementing and promoting socially responsible behaviour throughout the organization and, through its policies and practices, within its sphere of influence;</p> <p>(f) identifying and engaging with stakeholders; and</p> <p>(g) communicating commitments, performance and other information related to social responsibility.</p> <p>This International Standard is intended to assist organizations in contributing to sustainable development.</p>
MS-ISO/IEC 31000:2018	Risk management – Guidelines (2nd Edition)	Provides guidelines on managing risk faced by organizations.
MS-ISO/IEC 31010:2009	Risk Management – Risk assessment techniques (1st Edition)	This standard is a supporting standard for ISO 31000 and provides guidance on selection and application of systematic techniques for risk assessment.
MS-ISO 45001:2018	Occupational health and safety management systems – Requirements with guidance for use (1st Edition)	Specifies requirements for an occupational health and safety (OH&S) management system, and gives guidance for its use to enable organizations to provide safe and healthy workplaces by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance.

<b>Column 1 Malawi Standard Number</b>	<b>Column 2 Title of the Standard</b>	<b>Column 3 Scope (Description) of the standard</b>
MS –ISO 50001:2011	Energy management systems – Requirement with guidance for use (1st Edition)	Specifies requirements for establishing, implementing, maintaining and improving an energy management system (EnMS). The intended outcome is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance and the EnMS.
MS-ISO 50003:2014	Energy management systems – Requirements for bodies providing audit and certification of energy management systems (1st Edition)	Specifies requirements for competence, consistency and impartiality in the auditing and certification of energy management systems (EnMS) for bodies providing these services.

Made this 1st day of June, 2020.

DR. DALITSO KAFUMBATA  
*Chairperson of the Board*