NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

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| **1.** | **Notifying Member:** Malawi  **If applicable, name of local government involved (Article 3.2 and 7.2):** |
| **2.** | **Agency responsible:** Malawi Bureau of Standards  **Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above:**  The Director General Malawi Bureau of Standards P.O Box 946 Blantyre  Malawi Tel: +265 887 376 444/445/446/447 Fax: +265 1 870 756 Email: [mbs@mbsmw.org](mailto:mbs@mbsmw.org) Website: http://www.mbsmw.org/ |
| **3.** | **Notified under Article 2.9.2 [****X],** **2.10.1 [****],** **5.6.2 [****],** **5.7.1 [****],** **other****:** |
| **4.** | **Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable):** This document also specifies the test parameters for the test methods referred to in this document. In conjunction with the other parts of the DMS 374 series, this document is applicable to PE fittings, to joints with components of PE or other materials, intended to be used under the following conditions; PLASTICS AND ARTICLES THEREOF (HS 39); CIVIL ENGINEERING (ICS 93) |
| **5.** | **Title, number of pages and language(s) of the notified document:** DMS 374-3:2021, Plastics piping systems — Polyethylene (PE) pipes and fittings for water supply — Part 3: Fittings (33 page(s), in English) |
| **6.** | **Description of content:** This document specifies the fittings made from polyethylene (PE) for buried or above ground applications, intended for the conveyance of water for human consumption, raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. |
| **7.** | **Objective and rationale, including the nature of urgent problems where applicable:** Consumer information, labelling; Quality requirements |
| **8.** | **Relevant documents:**   1. DMS 374-1, *Plastics piping systems for water supply, and for drainage and sewerage under pressure — Polyethylene (PE) — Part 1: General;* 2. DMS 374-2, *Plastics piping systems for water supply, and for drainage and sewerage under pressure — Polyethylene (PE) — Part 2: Pipes;* 3. DMS 374-5, *Plastics piping systems for water supply, and for drainage and sewerage under pressure — Polyethylene (PE) — Part 5: Fitness for purpose of the system;* 4. ISO 7-1, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation;* 5. ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation;* 6. ISO 1133-1, *Plastics — Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics — Part 1: Standard method;* 7. ISO 1167-1:2006, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 1: General method;* 8. ISO 1167-3, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 3: Preparation of components;* 9. ISO 1167-4, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 4: Preparation of assemblies;* 10. ISO 3126, *Plastics piping systems — Plastics components — Determination of dimensions;* 11. ISO 4433-1, *Thermoplastics pipes — Resistance to liquid chemicals — Classification — Part 1: Immersion test method;* 12. ISO 4433-2, *Thermoplastics pipes — Resistance to liquid chemicals — Classification — Part 2: Polyolefin pipes;* 13. ISO 9624, *Thermoplastics pipes for fluids under pressure — Mating dimensions of flange adapters and loose backing flanges Thermoplastics pipes for fluids under pressure — Mating dimensions of flange adapters and loose backing flanges;* 14. ISO 11357-6, *Plastics — Differential scanning calorimetry (DSC) — Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT);* 15. ISO 12176-1, *Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems — Part 1: Butt fusion;* 16. ISO 13951, *Plastics piping systems — Test method for the resistance of plastic pipe/pipe or pipe/fitting assemblies to tensile loading;* 17. ISO 13953, *Polyethylene (PE) pipes and fittings — Determination of the tensile strength and failure mode of test pieces from a butt-fused joint;* 18. ISO 13954, *Plastics pipes and fittings — Peel decohesion test for polyethylene (PE) electrofusion assemblies of nominal outside diameter greater than or equal to 90 mm;* 19. ISO 13955, *Plastics pipes and fittings — Crushing decohesion test for polyethylene (PE) electrofusion assemblies;* 20. ISO 13956, *Plastics pipes and fittings — Decohesion test of polyethylene (PE) saddle fusion joints — Evaluation of ductility of fusion joint interface by tear test;* 21. ISO 13957, *Plastics pipes and fittings — Polyethylene (PE) tapping tees — Test method for impact resistance;* 22. ISO 17885, *Plastics piping systems — Mechanical fittings for pressure piping systems — Specifications;* and 23. EN 681-1:1996, *Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 1: Vulcanized rubber.* |
| **9.** | **Proposed date of adoption:** To be determined  **Proposed date of entry into force:** Six months from date of adoption; 6 months from adoption |
| **10.** | **Final date for comments:** 60 days from notification |
| **11.** | **Texts available from: National enquiry point [****X]** **or address, telephone and fax numbers and email and website addresses, if available, of other body:**  Director General  Malawi Bureau of Standards P.O. Box 946 Blantyre  +(265) 887 376 444/445/446/447 +(265) 1 870 756 (Fax) [mbs@mbsmw.org](mailto:mbs@mbsmw.org)  <https://members.wto.org/crnattachments/2022/TBT/MWI/22_2324_00_e.pdf> |