TITLE AND SCOPE FOR ISO STANDARDS

a. **TBS/MEDC 4 (42) DTZS/ ISO 6805:2020 -** Rubber hoses and hose assemblies for underground mining — Wire-reinforced hydraulic types for coal mining — Specification. (Rev: TZS 1641:2013 (2nd Ed))

Title: Rubber hoses and hose assemblies for underground mining — Wire-reinforced hydraulic types for coal mining - Specification

Scope: This document specifies requirements for wire-reinforced hoses and hose assemblies for underground coal mining applications of nominal sizes 6,3 to 51 for use with:

— oil-based hydraulic fluids HH, HL, HM, HR and HV as defined in ISO 6743-4 at temperatures ranging from −40 °C to +120 °C;

— water-based fluids HFC, HFAE, HFAS and HFB as defined in ISO 6743-4 at temperatures ranging from −40 °C to +70 °C;

— water at temperatures ranging from 0 °C to +70 °C.

There is a possibility that operation at the extremes of or outside these temperature ranges materially reduce the life of the hose. These hoses are not suitable for use with fluids that have a castor oil or ester base.

b. **TBS/ MEDC 4 (43) DTZS/ ISO 3949:2020** - Plastics hoses and hose assemblies – Textile reinforced types for hydraulic applications – Specification (Rev: TZS 1640:2013) (2nd Ed))

Title: Plastics hoses and hose assemblies – Textile reinforced types for hydraulic applications – Specification.

Scope: This document specifies requirements for three types of textile-reinforced thermoplastics hoses and hose assemblies of nominal size from 3,2 to 25. Each type is divided into two classes dependent on electrical conductivity requirements.

They are suitable for use with:

— oil-based hydraulic fluids HH, HL, HM, HR and HV as defined in ISO 6743-4 at temperatures ranging from −40 °C to +93 °C;

— water-based fluids HFC, HFAE, HFAS and HFB as defined in ISO 6743-4 at temperatures ranging from 0 °C to +60 °C

— water at temperatures ranging from 0 °C to +60 °C.

This document does not include any requirements for end fittings. It is limited to the performance of hoses and hose assemblies.

NOTE It is the responsibility of the user, in consultation with the hose manufacturer, to establish the compatibility of the hose with the fluid to be used.

c. **TBS/ MEDC 4 (44) DTZS / ISO 4079:2020 -** Rubber hoses and hose assemblies — Textile reinforced hydraulic types for oil-based or water-based fluids — Specification, (Rev: TZS 1639:2013).

Title: Rubber hoses and hose assemblies — Textile reinforced hydraulic types for oil-based or water-based fluids — Specification.

TITLE AND SCOPE FOR ISO STANDARDS

Scope: This document specifies requirements for five types of textile-reinforced hydraulic hoses and hose assemblies of nominal size from 5 to 100.

They are suitable for use with:

— oil-based hydraulic fluids HH, HL, HM, HR and HV as defined in ISO 6743-4 at temperatures ranging from −40 °C to +100 °C;

— water-based fluids HFC, HFAE, HFAS and HFB as defined in ISO 6743-4 at temperatures ranging from −40 °C to +70 °C;

— water at temperatures ranging from 0 °C to +70 °C.

This document does not include requirements for end fittings. It is limited to requirements for hoses and hose assemblies.

NOTE It is the responsibility of the user, in consultation with the hose manufacturer, to establish the compatibility of the hose with the fluid to be used.

d. **TBS/ MEDC 4 (46) DTZS / ISO 8283-2:1992 -** Plastics pipes and fittings - Dimensions of sockets and spigots for discharge systems inside buildings - Part 2: Polyethylene (PE).

Title: Plastics pipes and fittings - Dimensions of sockets and spigots for discharge systems inside buildings - Part 2: Polyethylene (PE).

Scope: This part of IS0 8283 specifies the design formulae and the derived dimensions, together with tolerances, of sockets and spigots for joints of polyethylene (PE) fittings and for integral sockets of PE pipes used in discharge systems inside buildings where such joints are intended to accommodate expansion and contraction in the discharge system. Sockets and spigots for thermal and electrothermal welding are excluded.

e. **TBS/ MEDC 4 (77) WD / ISO 3633:2002 -** Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Unplasticized poly (vinyl chloride) (PVC-U)

Title: Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Unplasticized poly (vinyl chloride) (PVC-U).

Scope: This International Standard specifies the requirements for Unplasticized poly(vinyl chloride) (PVC-U) pipes and fittings for soil and waste discharge (low and high temperature) inside buildings, as well as the system itself. It does not include buried pipework.

It also specifies the test parameters for the test methods referred to in this International Standard.
This International Standard is applicable to PVC-U pipes and fittings, as well as assemblies of such pipes and fittings, intended to be used for the following purposes:

a) soil and waste discharge pipework for the conveyance of domestic waste waters (low and high temperature);
b) ventilation pipework associated with a);
c) rainwater pipework inside the building.

This International Standard does not cover requirements for the K-value of the raw material.

TITLE AND SCOPE FOR ISO STANDARDS

f. **TBS/MEDC 4 (178) DTZS / ISO 8283-1:1991 -** Plastics pipes and fittings - Dimensions of sockets and spigots for discharge Systems inside buildings - Part 1: Unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C).

Title: Plastics pipes and fittings - Dimensions of sockets and spigots for discharge Systems inside buildings - Part 1: Unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C).

Scope: This part of ISO 8283 establishes a classification and designation System for sockets and specifies the design formulae and the derived dimensions, together with tolerances, of these sockets and of spigots for joints of Unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C) fittings and for integral sockets of PVC-U and PVC-C pipes used in discharge Systems inside buildings.

g. **TBS/MEDC 4 (179) WD / ISO 16438:2012** - Agricultural irrigation equipment - Thermoplastic collapsible hoses for irrigation — Specifications and test methods.

Title: Agricultural irrigation equipment - Thermoplastic collapsible hoses for irrigation — Specifications and test methods.

Scope: This International Standard specifies requirements and test methods for reinforced and non-reinforced thermoplastic collapsible hoses, which are intended to be used as main and sub-main supply lines for the conveyance and distribution of water for irrigation at water temperatures up to 50 °C.

It is applicable to irrigation hoses with nominal diameters between 40 mm and 500 mm and working pressures between 0,3 bar (0,03 MPa) and 6 bar (0,6 MPa).

This International Standard is applicable to two types of hose configurations: distributor hose (with outlet connections) and plain hose (without outlet connections).

h. **TBS/MEDC 02 (409) DTZS/ ISO 1460:2020** Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area

Title: Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area

Scope: This document specifies a method of determining the mass per unit area of hot dip galvanized coatings on ferrous materials.

Since an exact knowledge of the area of the surface is essential, this document is mainly applicable to shapes whose areas are easy to determine. If, with heavy samples, the specifications of Clause 7 cannot be met, then the hot dip galvanized coating mass is determined by another method.

i. **TBS/MEDC 10 (383)/DTZS / ISO 8224** - Traveler irrigation machines - Operational characteristics and laboratory and field test methods

Title: Traveler irrigation machines - Operational characteristics and laboratory and field test methods.

TITLE AND SCOPE FOR ISO STANDARDS

Scope: This part of ISO 8224 specifies the operational characteristics of, and laboratory and field test methods for, traveler irrigation machines. It includes

- user-oriented technical information for inclusion in the manufacturer's accompanying product literature,
- laboratory test procedures for evaluating the uniformity of water application on an irrigated strip by a machine operating within a specified range of conditions and for determining the maximum travelling rates the drive mechanism is able to achieve in response to specified operating conditions, and
- field test procedures for determining the uniformity of water application on a given irrigated strip under local conditions prevailing in the field at time of testing.

It is applicable only to traveler irrigation machines and not to other types of irrigation machine such as Centre pivot and moving lateral irrigation machines.

j. TBS/MEDC 10 (381) DTZS / ISO 18564 - Machinery for forestry - Noise test code

Title: Machinery for forestry - Noise test code

Scope: This noise test code specifies all the information necessary for carrying out efficiently and under standardized conditions the noise emission values of self-propelled forestry machinery. It is applicable to fellers, bunchers, delimbers, forwarders, log loaders, skidders, processors, harvesters, mulchers and multi-function versions of these machine types, as defined in ISO 6814.

Noise emission characteristics include A-weighted emission sound pressure values at the operator's station and the A-weighted sound power value. The determination of these quantities is necessary for the following:

— manufacturers to declare the noise emitted;

— comparing the noise emitted by machines in the family concerned;

— purposes of noise control at the source at the design stage.

k. TBS/MEDC 10 (380) DTZS / ISO 11850 - Machinery for forestry -- General safety requirements

Title: Machinery for forestry -- General safety requirements

Scope: This International Standard specifies general safety requirements for self-propelled forestry machines and machines configured as forestry machines. It deals with all significant hazards, hazardous situations and events common to fellers, bunchers, delimbers, forwarders, log loaders, skidders, processors, harvesters, mulchers and multi-function versions of these machine types, as defined in ISO 6814, when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

It does not deal with hazards specific to individual machines, such as those related to specific attachments, and therefore its use will not alone be sufficient to address all significant hazards for a majority of the machines it covers.

It does not deal with hazards related to chain shot, chain breakage on the upper side of the bar, lifting operation, remote control operation, the need for work lights or road safety. For vibration measurement, the test setup and work cycles are not dealt with; nor is the verification method for noise measurement addressed. It is not applicable to hazards related to maintenance or repairs carried out by professional service personnel.

This International Standard is not applicable to machines manufactured before its date of publication.

TITLE AND SCOPE FOR ISO STANDARDS

l. TBS/MEDC 10 (378) DTZS / ISO 8084 - Machinery for forestry -- Operator protective structures

Title: Machinery for forestry — Operator protective structures — Laboratory tests and performance requirements

Scope: This International Standard establishes a laboratory test method and performance requirements for operator protective structures (OPS) on forestry machines. It is applicable to mobile forestry machines as defined in ISO 6814 engaged in felling, processing, forwarding and skidding. The OPS are designed to provide reasonable protection from penetrating objects such as saplings, branches, broken winch lines and poking hazards in forestry work, but not from small, thrown objects such as chain teeth. Those OPS meeting the performance criteria will not provide complete operator protection under all conceivable circumstances, but are expected to minimize the possibility of operator injury in normal operational situations.

m. TBS/MEDC 10 (376) DTZS/ISO 22868 - Forestry and gardening machinery- Test Method

Title: Forestry and gardening machinery — Noise test code for portable hand-held machines with internal combustion engine — Engineering method (Grade 2 accuracy)

Scope: This document specifies a noise test code for determining, efficiently and under standardized conditions, the common noise emission characteristics of portable, hand-held, combustion engine powered forest and garden machines, and specific requirements for chain-saws, brush-cutters, grass-trimmers, edgers, pole-mounted powered pruners, hedge-trimmers and garden blowers/vacuums/knapsack mist blowers. Noise emission characteristics include the A-weighted emission sound pressure level at the operator position and the A-weighted sound power level.

Noise test codes as described in this document enable the manufacturer to verify the effort regarding low noise design.