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AMENDMENT 1
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Agricultural irrigation equipment — Manually and hydraulically operated plastics valves

AMENDMENT 1

Matériel agricole d'irrigation — Vannes en matière plastique à commande manuelle par des actionneurs hydrauliques

AMENDEMENT 1

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This document was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 18, *Irrigation and drainage equipment and systems*.

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Agricultural irrigation equipment — Manually and hydraulically operated plastics valves

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Foreword

Replace the eighth paragraph with the following:

The main changes are as follows:

— the scope was extended to include hydraulically operated plastics valves in addition to manually operated plastics valves.

Clause 2

Add the following reference:

ISO 8659, *Thermoplastics valves — Fatigue strength — Test method*

5.7

Replace the existing clause with the following:

5.7 Endurance testing

5.7.1 General

This clause applies to manually and hydraulically operated valves.

Testing shall be performed in accordance with ISO 8659 and in accordance with 5.7.2 and 5.7.3 of this document.

5.7.2 Initial leakage test

Before the endurance testing, perform the test according to 5.5.

There shall be no visually detectable leakage.

5.7.3 Test procedure

The valve shall be left open for 10 s. The flow velocity shall not exceed 1,5 m/s.

After closing the valve, apply an internal hydrostatic pressure equal to the PN declared by the manufacturer. Maintain this pressure for:

— 5 s in valves of up to 32 mm (1 1/4 in),

— 10 s in valves larger than 32 mm (1 1/4 in).

The total number of test cycles performed shall be 5 000 cycles, with water at ambient temperature.

During opening and closing, there shall be no visually detectable leakages.

After completion of these cycles, repeat the test according to 5.5. There shall be no visually detectable leakage.