INTERNATIONAL STANDARD ISO 11265:1994
TECHNICAL CORRIGENDUM 1

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Soil quality — Determination of the specific electrical conductivity

TECHNICAL CORRIGENDUM 1

Qualité du sol — Détermination de la conductivité électrique spécifique

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 11265:1994 was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 3, *Chemical methods and soil characteristics*.

Pages 2 and 3

Subclauses 7.2.1 and 7.2.2

Replace the existing text by the following:

7.2.1 Measure the conductance (G) of the potassium chloride solutions (4.2 to 4.4) according to the instruction manual of the instrument.

7.2.2 Calculate, for each potassium chloride solution, a cell constant according to

$$K = \frac{\kappa_S}{G}$$

where

K is the cell constant, in reciprocal metres;

κ_S is the specific electrical conductivity of one of the potassium chloride solutions, in millisiemens per metre;

G is the conductance of the same potassium chloride solution, in millisiemens.

Use the average of the calculated values as the cell constant of the instrument.

The calculated cell constant shall not differ by more than 5 % from the value given by the manufacturer.

ICS 13.080 **Ref. No. ISO 11265:1994/Cor.1:1996(E)**

Descriptors: soils, quality, tests, soil testing, determination, electrical properties, electrical conductivity.

Subclause 7.3

In the second line, replace the symbol x_m by κ_m.