



Ergonomics of the thermal environment — Evaluation of thermal environments in vehicles —

Part 2: Determination of equivalent temperature

TECHNICAL CORRIGENDUM 1

*Ergonomie des ambiances thermiques — Évaluation des ambiances thermiques dans les véhicules —
Partie 2: Détermination de la température équivalente*

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 14505-2:2006 was prepared by Technical Committee ISO/TC 159, Ergonomics, Subcommittee SC 5, Ergonomics of the physical environment.

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Subclause 4.2, Equation 2

Replace Equation 2 with the following:

$$C = h_c (t_{sk} - t_a) \quad (2)$$

where

R is heat exchange by radiation, in watts per square metre (W/m^2);

C is heat exchange by convection, in watts per square metre (W/m^2);

h_r is the radiation heat transfer coefficient, in watts per square metre degree Celsius [$W/(m^2\text{°C})$];

h_c is the convection heat transfer coefficient, in watts per square metre degree Celsius [$W/(m^2\text{°C})$];

t_{sk} is the skin temperature, in degrees Celsius (°C);

\bar{t}_r is the mean radiant temperature, in degrees Celsius (°C);

t_a is the ambient air temperature, in degrees Celsius (°C).