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## Fire tests — Reaction to fire —

### Part 1:

## Rate of heat release from building products (Cone calorimeter method)

### TECHNICAL CORRIGENDUM 1

*Essais au feu — Réaction au feu —*

*Partie 1: Débit calorifique des produits du bâtiment (Méthode au calorimètre conique)*

RECTIFICATIF TECHNIQUE 1

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Technical corrigendum 1 to International Standard ISO 5660-1:1993 was prepared by Technical Committee ISO/TC 92, *Fire tests on building materials, components and structures*, Sub-Committee SC 1, *Reaction to fire*.

<https://standards.iteh.ai/catalog/standards/sist/7942acf4-cf44-44ff-b2ff-54734042490d/iso-5660-1-1993-cor-1-1993>

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#### Clause F.4

Replace equation (F.9) with the following:

$$M_e = \left[ 4,5 + (1 - x_{H_2O})(2,5 + x_{O_2} + 4x_{CO_2}) \right] \times 4 \quad \dots \text{(F.9)}$$

Replace equation (F.10) with the following:

$$\dot{q}(t) = 1,10 \left[ \frac{\Delta h_c}{r_O} \right] (1 - x_{H_2O}) \left[ \frac{x_{O_2}^0 (1 - x_{O_2} - x_{CO_2})}{1 - x_{O_2}^0 - x_{CO_2}^0} - x_{O_2} \right] \dot{m}_e \quad \dots \text{(F.10)}$$

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[ISO 5660-1:1993/Cor 1:1993](#)

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