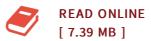




Structural Design for Fire Safety (Paperback)

By Andrew H. Buchanan

John Wiley and Sons Ltd, United Kingdom, 2001. Paperback. Book Condition: New. Revised ed.. 244 x 170 mm. Language: English . Brand New Book. Presenting a comprehensive overview of the fire resistance of building structures, this key text brings together a large volume of material from many sources on this increasingly important topic. Opening with the fundamentals of fires and fire safety, the book gives an introduction to real fire exposure and the response of strutures to such fires, outlining the important contribution of structural fire resistance to overall fire safety. Methods of calculating fire severity and achieving fire resistance are described, including fire performance of the main structural materials including structural steel, reinforced concrete and timber construction. Particularly valuable elements of the book are its design sections (incorporating international methods), where the arlier material is synthesised and recommendations are rmade for rational design of building structures exposed to fires. Structural Design for Fire Safety provides expert guidance on: interpreting code requirements for fire safety understanding the concepts of fire severity and fire resistance estimating timetemperature curves for fully developed compartment fires understanding the behaviour of structural elements and buildings exposed to fires designing steel, concrete and timber structures to...



Reviews

A superior quality publication and the font employed was exciting to read through. It is among the most awesome book i have read. I am effortlessly could get a enjoyment of reading a created publication.

-- Ettie Kutch

Thorough guide! Its this kind of excellent go through. It normally will not price an excessive amount of. You may like just how the blogger compose this ebook.

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