

## Theoretical Models in the Study of Temperature Effect on Steel Mechanical Properties

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### Abstract text:

The governing laws adopted by two high qualified scientific organizations (D.T.U. and Eurocode) for the variation of steel mechanical properties at high temperatures are presented. There are no significant differences between them, but generally, the items advanced by Eurocode 3, part 1.2, are adopted in the most works that approach the thermal-mechanical analysis of steel structures.

### Key Words:

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