

A Review of Non-Premixed Combustion Models: Study and Comparison

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Abstract: *The present work gives information about development in field of non-premixed combustion focusing on various models developed for non-premixed combustion. Key aspects of non-premixed combustion such as ignition, extinction and lift-off are first analysed and then summarised. The review also outlines the various CFD modelling approaches that have been carried out for validating the result that has been experimentally found out. This study will help in understanding the modelling of non-premixed combustion.*

Keywords: Fatigue Life, Resistance Spot Welding, Finite Element Analysis, etc.

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