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Visualisation and optimisation of shielding gas coverage during gas metal arc welding

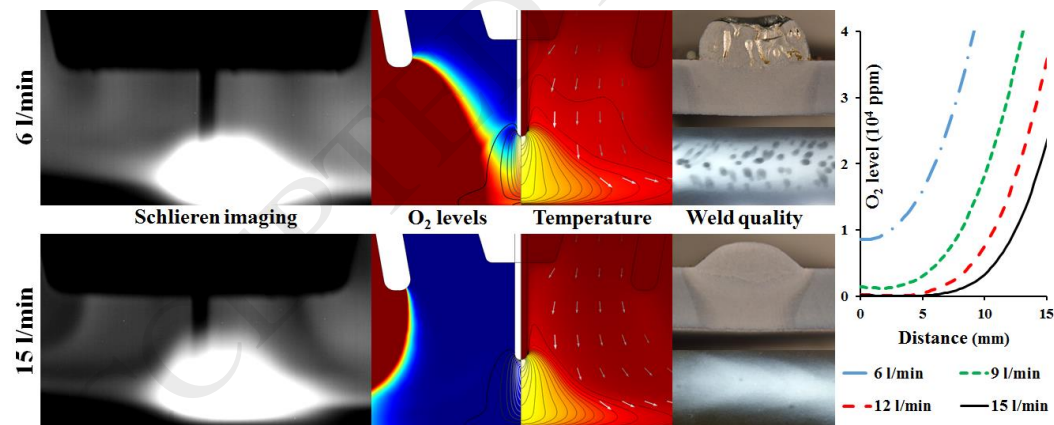
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Graphical abstract



ABSTRACT

The density gradients and flow characteristics of the gas shield during gas metal arc welding (GMAW) of DH36, higher strength ‘construction steel’, were visualised using schlieren imaging. A systematic

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