

Statements & Declarations

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Competing Interests

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper, with the exception of Raúl Rodríguez de la Fuente, who is employed by MAXAMCORP INTERNATIONAL S.L. This relationship did not influence the design, execution, or interpretation of this research.

Author Contributions

Raúl Rodríguez de la Fuente: Conceptualization, Methodology, Field Investigation, Data Curation, Writing – Original Draft.

Manuel Castejón Limas: Supervision, Validation.

Javier Alfonso Cendón: Supervision, Validation.

Gabriel Medina Martínez: Supervision, Validation.

Data Availability

All raw overpressure time histories, processed peak/impulse metrics, and analysis scripts used to generate the figures and tables are available from the corresponding author upon reasonable request. Sensor calibration sheets and meteorological logs are also available on request.