

# P28 Prediction of Blast Over-Pressure and Blast Leakage of Confined Explosions

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## **Abstract:**

An indoor test facility has been designed to study the impact of confined explosions inside a room with a door. The main challenges in the design of this facility are that it must be able to withstand blast over-pressures from confined explosions as well as to ensure the safety of the personnels standing outside the room. This paper presents the predictions of the blast over-pressures inside the room and blast leakages through the door using engineering code calculations and advanced simulation software package.

## **Notes:**