

Blast Vulnerability Assessment for the International Hotel Complex

Patrick Mann & Associates were contracted to perform a blast vulnerability assessment on in in order to quantify the potential effects of terrorist bomb attack on a major international hotel complex.

The objective of the assessment was to:

- To review the available construction and layout drawings, reports and site survey notes in order to determine the structural form and equipment layouts
- To determine the impulse and overpressure characteristics arising from the chosen IED threat scenarios
- To determine the vulnerability of the building components and contents against the potential impulse and overpressure loading from these scenarios, and to estimate the resulting damage

