## **BLAST WAVE PROPAGATION IN FULL-SCALE TUNNEL SYSTEMS**

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Since many years FOA has been working on a program to study the pressure attenuation in tunnel systems. The load of interest is a charge of some hundreds of kg detonating in, or outside, a tunnel muzzle.

The objective of this study is to verify that protection for certain equipment can be achieved in a tunnel system without the use of closing devices. A second objective is to improve the empirical database used for prediction of the strength of the blast in tunnels.

The results from the tests have been reported in Swedish /2 - 9/. In these reports, details of the set up and results can be found. Here follows just a short summary.

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