Abstract

This report comprises the test set-up and the results of the full-scale train explosion test that was carried out close to Arvika (Sweden) in September 2011. A defined amount of explosives was detonated at a defined location inside a commuter train wagon, which was placed inside a tunnel. Measurements were taken at several locations inside and outside the wagon and are presented in pressure-time diagrams. This report summarizes the destruction due to the explosion and includes more detailed information in Annex A. Photos of the aftermaths are presented in Annex B.