

ITOP 2-2-722

FRAGMENT PENETRATION TESTS OF ARMOR

SCOPE

This ITOP describes procedures for testing armor materials and armor systems for resistance to fragments during Research and Development (R&D), Acceptance, and Production Assurance tests. The procedures covered include static detonation of high explosive (HE) fragmenting munitions or devices against armor. Typical threats include fragmenting artillery shells, antipersonnel mines, and fragment generators. This procedure is applicable to lethality testing of threats as well as vulnerability testing of armor and Gun firing of fragment simulators; gun firing of actual projectile fragments; gun firing of simulated fragments in a canister.