August 20, 2009

# Security Devices International Delivers Rounds to the Military for Testing

MOUNT VERNON, VIRGINIA -- (MARKET WIRE) -- 08/20/09 -- Security Devices International ("SDI" or the "Company") (OTCBB: SDEV) is pleased to announce the final delivery of 40 mm LEKTROX Neuro-Muscular Incapacitation rounds to the United States Military's Joint Non-lethal Weapons Directorate ("JNLWD") for their final stage of testing and evaluation.

The results of testing will be combined with data developed under extensive testing submitted to the US Government by SDI, the successful results of which resulted in the funding for the Government certification testing. Upon successful completion of the testing, the results will be reviewed by the U.S. Military JNLWD and members of the United States Military Services for use in making ammunition procurement decisions.

The initial round of testing commenced in December 2008 and evaluated the effectiveness and safety of the electrical output compared to the Government standard total body effects model.

The final phase of testing will consist of firing the projectile to determine its suitability, effectiveness, accuracy, safety and consistent effects against targets.

It is estimated that the final test report will be presented to the JNWLD within the next sixty days.

Colonel William Lacey Jr. (US Army ret.) of SDI, is working closely with the JNLWD to ensure they are supplied with the necessary information to complete the required testing.

The Company is pleased that the testing and evaluation phase is nearing completion and look forward to moving ahead with the United States Military and into commercialization.

Aside from the U.S. Military, SDI has seen an increased interest in their product by a number of other Militaries and Government agencies around the globe.

More about SDI

SDI specializes in the field of less than lethal technologies for defense industries. The Company is in product development of their patented 40mm LEKTROX Neuro- muscular incapacitation round and expect to be in commercialization this fall.

SDI is currently in the R and D stage of a 40mm blunt impact round that is expected to have accuracy up to 300 feet. This round will achieve its desired effect by using pain compliance.

SDI is located in Mount Vernon, Virginia, Toronto, Ontario and Tel Aviv, Israel.

SDI is supported by an internationally renowned team of specialist in the fields of electrical technology and ballistic engineering.

Security Devices International has not authorized the release of this press release in any form that contravenes any law or regulation and will not be responsible for the unsolicited distribution of this material by e-mail or facsimile by unauthorized parties. Statements in this press release, which are not historical facts, are "forward looking statements" within the meaning given to that term in the private Securities Litigation Reform Act of 1995.

Security Devices intends that such forward -looking statements be subject to the safe harbours created thereby. Since these statements involve risks and uncertainties and are subject to change at any time, actual results could differ materially from expected results.

For more information about the Company visit: www.lektrox.com.

Contacts:
Security Devices International Inc.
Greg Sullivan
(905) 334-6655
gsullivan@lektrox.com