

FOR IMMEDIATE RELEASE

For Further Information:

Will Chafin

Will.Chafin@agy.com

AGY

(803) 643-1343

AGY Presents Technical Paper on Composite Armor Solutions

AIKEN, S.C., April 5, 2004 – AGY today announced the presentation of a paper at the annual European SAMPE technical conference about the use of S-2 Glass® products in high performance composite armor applications. The conference is being held this year in conjunction with JEC 2005 in Paris, April 5 - 7.

Titled *Molded S-2 Glass/Phenolic Resin Composite Armor Solutions for STANAG 4569 Ballistic Protection Levels*, the paper covers the results of testing of S-2 Glass composite armor solutions against the recently updated NATO specification STANAG 4569, Protection Levels for Occupants of Logistics and Light Armored Vehicles. In this specification, lightweight protection to resist common threats used against NATO forces is desired. There are five levels of threat in increasing magnitude covered in the specification, and the paper and presentation offer results of testing completed on the S-2 Glass/phenolic armor system, with discussion on the composition, construction and ballistic performance of various composite systems.

The authors of the paper are David Fecko, Xavier Gambert, and P. Douglas Lyle. All three are members of the technical or commercial staff at AGY.

“There are many different battlefield threats that military armor must defeat,” says Fecko. “The STANAG 4569 specification provides guidelines for design of material solutions to overcome these threats. In order to support the materials development in this area, we have undertaken a series of tests against a range of threat levels covered in the specification. The results of these tests have confirmed that at the lower threat levels, composite armor using S-2 Glass can be used alone for protection, while at higher levels a multi-component armor system with a facing material is required.”

The paper will be presented in Ballistic Protection Session 4C from 9 to 11 a.m. Wednesday, April 6.

AGY is a leading global producer of fiberglass yarns and high strength fiberglass reinforcements used in a wide variety of composites applications. Headquartered in Aiken, S.C. (USA), AGY has a European office in Lyon, France, and manufacturing facilities in Aiken, S.C., and Huntingdon, Pa. Additional information may be found at the company’s website, www.agy.com, or by email at info@agy.com

###