

August 9, 1999

TESTING SERVICES, INC

ZMAG Rescue Products R.D. #4 Box 40309 Glen Rock, PA 17327

Attention: Mr. Mike Schmidt

Subject: Load Rating for Ground Pads

Dear Mr. Mike Schmidt,

Testing Services, Inc. preformed on July 27, 1999 a load test on the ZMAG Ground Pads and Zama Point weldment assembly.

The ZMAG Ground Pad was inserted into the test fixture with a 26" long pressure treated 4" x 4", capped with the Zama Point tooling. The test was then performed on a Tinnius Olsen compression machine. A series of loading was applied to the assembly in increments of 2,500 pounds. All components remained intact up through loading of 17,500 pounds. After a load of 20,000 pounds was applied, a visual examination revealed a distortion of the ½" steel guide pin. No failure of any other component was observed.

Testing Services, Inc. appreciates the opportunity to offer its services, and we look forward to working with you again. Our goal is to provide responsive, practical, and professional services with the intent of developing long-term relationships with our clients. Please do not hesitate to contact us if there are any questions you may have concerning the report and the services that TSI can provide.

Respectfully submitted,

Testing Services, Inc.

Carl A. Naylor

Certified Weld Inspector

Cald. Mark

CWI #90100651