



INTERTEK TEST REPORT
3933 US ROUTE 11 CORTLAND, NEW YORK 13045

TEST REPORT NO.: 3174601CRT-002

**PERFORMANCE TESTING OF
MERIDIAN
ESCAPE HOOK**

**RENDERED TO:
MERIDIAN FIRE TRAINING SOLUTIONS, LLC
28 BRADLEY STREET
TRUMANSBURG, NY 14886 USA**

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Abstract

The Meridian Escape Hooks were received in pristine condition on January 29, 2009 and were evaluated for strength to determine maximum loads that could be applied before release from a test fixture.

Details of the instrument calibration are maintained in laboratory records.
The measurement of uncertainty is available upon request.

Introduction

This report describes the results of the load tests conducted on two specimens submitted by Meridian Fire Training Solutions, Inc. and tested in accordance with the client's request. Testing was conducted in one orientation on the "arch". Testing of the above mentioned Meridian Escape Hooks began only upon Intertek's receipt of the signed quotation number 500132409 dated December 26, 2009. Intertek, located in Cortland NY, conducted the test evaluations.

Product Description

Intertek received two Meridian Escape Hooks for evaluation.

PHOTOS:

Photo 1 –As Received



Photo 2 –Test set-up on 2”round bar



Test Results:

Results of the tests conducted on two specimens submitted:

Sample Orientation	Max Attained load (lbs.)	Failure Mode
Double Hook, Arch	4,233	Hooks deformed and released from mandrel
Double Hook, Arch	4,039	Hooks deformed and released from mandrel

Crosshead speed was 0.5 in/min.

Conclusion

The data presented in this report is intended for the sole use of the client. This is a factual representation of the testing and data. Any conclusions are to be drawn by the client.

Evaluation Performed by:



Brian Bishop
Project Engineer
Performance Group

Report Reviewed by:



Sara Oseid
Technician I
Performance Group



June 26, 2009

Intertek Order No. 3174601

Mr. Thomas Basher Jr.
Meridian Fire Training Solutions, LLC
28 Bradley Street
Trumansburg, NY 14886 USA

Dear Mr. Basher:

Enclosed please find one copy of Intertek Report No. 3174601CRT-002, covering the test evaluations that were conducted on your Meridian Escape hooks.

The test was authorized by a signed quotation number 500132409.

Thank you for choosing Intertek Testing Services for your testing needs. If we can be of further assistance to you please feel free to contact me at (607) 758-6714.

Sincerely,

Brian Bishop
Project Engineer
Performance Group

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