



Product Service

Mehr Sicherheit.
Mehr Wert.

Technical Report No. 028-71376536-200
of 24.09.2010

Client: Lukas Hydraulik GmbH
Weinstraße 39
D-91058 Erlangen

Mr. Bertleff

Manufacturing location: Lukas Hydraulik GmbH
Weinstraße 39
D-91058 Erlangen

Object of evaluation: Cutters
S 311 E

Test specification: NFPA 1936:2010
Standard on Powered Rescue Tool Systems

Purpose of the evaluation: Testing in accordance with the test specification

Test result: The presented tools meet the demands of the mentioned test specification

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1 Description of the test subject

1.1 Function

A powered rescue tool with at least one movable blade that is used to cut, shear or sever material.

1.2 Technical Data

See attachment 1

2 Order

2.1 Date of the order, sign of the client

2010-09-24

2.2 Test sample receipt, location

On-site testing

2.3 Date of the testing

2010-09-22 – 2010-09-24

2.4 Location of the testing

LUKAS Hydraulik GmbH
Weinstraße 39
D-91058 Erlangen

2.5 Variation or exemption of the test procedure

none

3 Test results

The presented tools meet the demands of the NFPA 1936:2010

4 Remark

The operating instruction has been checked according to the minimum standards described in the product standard. The producer is responsible for the correctness of all other content as well as the design and the layout.

4.1 Remark for manufacturing

The setup of the tool must correspond with the documentation. Before safety-relevant changes of the product will be transfer into the current manufacturing, these require a check for evaluation, for the admission in the documentation and if necessary actualization of the certificate.

5 Summary

The presented tools meet the demands of the NFPA 1936:2010

TÜV PRODUCT SERVICE GMBH

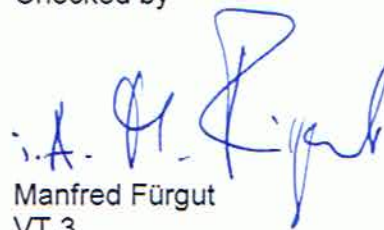
Test Engineer



i.A. Gerhard David
VT 3



Checked by



i.A. Manfred Fürgut
VT 3

Anlage 1 Technische Daten
Auftragsnummer 028-71376536-200

Parameter

Type:	S 311 E
Art. No.:	172 090 000
Technical data	
Width of opening:	150 mm
Dimension:	
Length:	860 mm
Width:	225 mm
Height:	290 mm
Nominal voltage:	24,0 V
Battery:	25,2 V
Total weight:	19,4 kg without energy source 20,3 kg with energy source
Nominal pressure:	70 MPa
Cutting class:	A7, B8, C6, D7, E7