



## HELLENIC DEFENCE SYSTEMS S.A.

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# BALLISTIC TEST LABORATORY

## TEST CERTIFICATE

**NUMBER OF CERTIFICATE** : 04/13

**CUSTOMER and Address** : EUROTRADE S.A.  
47 Persefonis st., 11854, Athens, Greece

**NUMBER OF ORDER** : FAX 4888 22/5/2013

**DESCRIPTION OF OBJECT** : Steel Plate CLASSIFIED

**CONSTRUCTOR** : EUROTRADE S.A.

**TESTED FOR** : FB 7

**SERIAL NUMBER** :

**PRODUCT CODE** :

**SPECIFICATION** : EN 1522, EN 1523

**TEST PROCEDURE** : EAS -01-3300

**MEASUREMENT SYSTEM** : a) SABRE System of Measurements Velocity

**MACHINE CALIBRATION** :

**REFERENCE STANDARD** :

**CONDITIONS of MEASUREMENT** : TEMPERATURE 25 °C HUMIDITY 51%

**RESULT OF MEASUREMENT** : ACCEPTABLE

**CLASSIFICATION of PROTECTION LEVEL**: CATEGORY FB 7

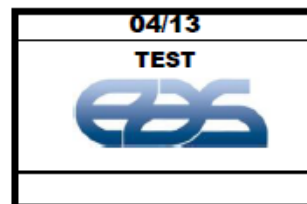
**UNCERTAINTY of MEASUREME**?

**DATE of TRIAL** : 21/6/2013

**NUMBER of PAGES** : 2

**TEST TECHNICIAN** : LYTRAS DIMITRIOS

**DATE of ISSUE** : 25/6/2013



Authorized signature



Dimitrios Lytras

This report is based on data obtained from having tested only the sample submitted and should NOT be interpreted as an endorsement by EAS Ballistic Laboratory of the continuing quality performance, of any other items at the same or similar design.



TECHNICAL MANAGER

LYTRAS DIMITRIOS

ΕΛΛΗΝΙΚΑ ΑΜΥΝΤΙΚΑ ΣΥΣΤΗΜΑΤΑ Α.Β.Ε.Ε. ΕΒΟ-ΤΥΡΡΑΙΑ		<b>INSPECTION &amp; TEST REPORT</b>				Page 1 from 1					
		EAS-01-3300/E02				Test Date					
<b>Material:</b> Bulletproof Plate		<b>Testing and Classification of resistance against bullet attack on hard steel plates.</b>				21/6/2013					
<b>Aim of test :</b> Acceptance						No of report					
<b>Constructor :</b> EUROTRADE						1					
<b>Specification: FB7 according to EN 1522</b>											
Customer	Contract	Serial Number	Lot	Sample	No of sample						
Cartridge :	Lot of cartridge :	Velocity (Specified)	Temperature	Barometric Pressure	Humidity						
.30 x 51 mm AP	HXP01-030	820 ± 10 m/s	25,9 °C	1001,9 Hpa	50,7%						
Gun Type	Gun Number	Distance	Chronograph	Photoscreens							
Barel 7,62		10 m	SABRE	SABRE							
<b>1st SAMPLE</b>											
Round No	Velocity m/s	Velocity m/s	Uncertainty Value	Specification limits	Uncertainty limits	Velocity Aver.V m/s	Acceptable	Fair Hit Yes /No	Penetrate Yes / No	Remarks	
1	827,76	830,65	1,87	830	828,13	829,21	b	Yes	No		
2	811,79	814,78		810	811,87	813,29	Yes	Yes	No		
3	819,65	822,37				821,01	Yes	Yes	No		
Description of sample:		Steel Plate CLASSIFIED									
Results:		No Penetration.									
<b>2nd SAMPLE</b>											
Round No	Velocity m/s	Velocity m/s	Uncertainty Value	Specification limits	Uncertainty limits	Velocity Aver.V m/s	Acceptable	Fair Hit Yes /No	Penetrate Yes / No	Remarks	
1	821,08	823,99	1,87	830	828,13	822,54	Yes	Yes	No		
2	828,39	830,01		810	811,87	829,20	b	Yes	No		
3	825,99	828,50				827,25	Yes	Yes	No		
Description of sample:		Steel Plate CLASSIFIED									
Results:		No Penetration.									
<b>3th SAMPLE</b>											
Round No	Velocity m/s	Velocity m/s	Uncertainty Value	Specification limits	Uncertainty limits	Velocity Aver.V m/s	Acceptable	Fair Hit Yes /No	Penetrate Yes / No	Remarks	
1	826,79	828,86	1,87	830	828,13	827,83	Yes	Yes	No		
2	828,88	830,43		810	811,87	829,66	b	Yes	No		
3	827,29	829,91				828,60	Yes	Yes	No		
Description of sample:		Steel Plate CLASSIFIED									
Results:		No Penetration.									
b) Excessive velocity								Acceptable.....V			
c) Insufficient velocity								Not acceptable			
d) To close to edge											
				Technical Manager 							

Η εκθεση αυτή αναφέρεται σε αποτελέσματα που αφορούν μόνο στα υποβληθέντα δείγματα και δεν πρέπει να ερμηνεύεται ως επιβεβαίωση ποιοτικής εξασφάλισης ή παραγωγικής διαδικασίας