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Prepared by



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Annual Report NEBO Written Exam

The following tables detail the results of the National Examining Board for Ocularists (NEBO) examinations administered during 2006.

The following tables show that 11 candidates took the NEBO Examination Form 869 during 2006. Approximately 64% of the candidates achieved a passing score on the 150 items used to determine the candidates' total examination score. Additional experimental (field test) items may be included in the examination but do not contribute to the candidates' score. To achieve a passing score, candidates were required to answer 106 or more items correctly. Examination scores ranged from 99 to 121 with a mean score of 108.4 and standard deviation of 7.1. Reliability estimates of .70 or greater are generally considered acceptable. The reliability estimate for this examination is 0.53.

Exam Analysis ID:	2212	Form Description:	NEBO Written Exam - Form 869
Examination ID:	6026	Form ID:	869
Analysis Start Date:	01-JAN-2006	Analysis End Date:	31-DEC-2006
Number Candidates:	11	Scored Question Count:	150
Candidates Analyzed:	11	Cut Score:	106
Candidates Passing:	7	Passing Percentage:	63.6363636363636
Candidates Failed:	4	Failing Percentage:	36.3636363636364

Mean Score :	108.363636363636	Low Score:	99
Variance:	50.6545454545455	High Score:	121
Standard Deviation :	7.11720067544435	Average Item Difficulty:	0.722424242424242
KR20:	0.530062497618398	Average Item Discrimination:	9.95765783772647E-02
Brennan Kane :	0.576744116323206		
Standard Error of Measurement (SEM) :	4.87898253483085		
Decision Consistency :	0.576744116323206		



The National Examining Board of Ocularists

**Fabrication Examination
2006 Annual Report**

Prepared by
CASTLE Worldwide, Inc.

The National Examining Board of Ocularists offers a credentialing program to recognize professionals who have meet its standards in the area of ocularistry. Candidates who wish to be awarded the credential must successfully pass two examinations: The multiple-choice examination and the Fabrication examination.

This report involves the Fabrication examination only. (A separate report exists for the multiple choice examination.)

In 2005, eight candidates took the Fabrication examination. Of those candidates, six passed the exam. There are 26 items on this examination. The small number of candidates precludes the possibility of obtaining meaningful reliability scores for the Fabrication examination. The SEM (standard error of the measure) was 29.7, and the reliability (intraclass correlation) was .26, which when adjusted using the Spearman-Brown Prophecy Formula to account for the two judges became .41.

The following table presents the observed statistics for the Fabrication exam.

Examination	Number of Candidates	Number Passing	Percent Passing	Passing Point	Mean	Standard Deviation
Fabrication	8	6	75.0	475	518.7	34.6
