

NKBA

EXAMINATION

PSYCHOMETRIC AND VALIDATION STATISTICS

TO: California Department of Consumer Affairs

FROM: Nadine McBride, Project Manager, Psychometrics
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DATE October 3, 2002

RE: NKBA Examination

Under the guidance of CASTLE Worldwide, Inc., The National Kitchen and Bath Association (NKBA) completed a role delineation study (occupational analysis) in 2000 for the NKBA certified kitchen and bath designer programs. In addition, CASTLE Worldwide, Inc. conducts regular item analysis studies and uses them to ensure the quality of the examination.

National Kitchen and Bath Association

Summary of the March 2002 Test Administration

Summary Statistics of Candidate Performance on the Examination

Number of Candidates: 60 Number Passing: 51 Percent Passing: 55.00
 Passing Point: 119 Number Failing: 9 Percent Failing: 15.00

	No. of items	LOW Score	High Score	Mean Score	Variance	Std Dev	Reliab KR20	Std Err Meas
Overall	200	83.00	174.00	140.12	417.60	20.44	0.93	5.58

Exam Domain Summary:

Domain 1	114	41.00	96.00	78.85	146.71	12.11	0.88	4.21
Domain 2	51	14.00	45.00	35.35	36.88	6.07	0.79	2.79
Domain 3	35	14.00	34.00	25.92	19.81	4.45	0.72	2.34

Task Level Summary:

Domain 1								
Task 1	16	7.00	14.00	10.13	2.22	1.49		
Task 2	24	6.00	23.00	16.42	14.21	3.77		
Task 3	25	11.00	23.00	18.28	9.36	3.06		
Task 4	24	6.00	22.00	15.52	14.69	3.83		
Task 5	25	7.00	24.00	18.50	10.73	3.28		
Domain 2								
Task 1	16	1.00	15.00	10.25	8.33	2.89		
Task 2	15	4.00	14.00	10.45	5.20	2.28		
Task 3	20	9.00	19.00	14.65	5.42	2.33		
Domain 2								
Task 1	5	2.00	5.00	3.95	0.86	0.93		
Task2	5	2.00	5.00	3.77	0.89	0.95		
Task 3	5	0.00	5.00	2.78	1.46	1.21		
Task 4	6	1.00	6.00	4.58	1.30	1.14		
Task 5	6	1.00	6.00	4.62	1.70	1.30		
Task 6	6	2.00	6.00	4.55	1.07	1.03		
Task 7	21	0.00	2.00	1.67	0.36	0.60		