

Ovehead Crane Certified Operator(OCCO)

Exam Summary Report

The Overhead Crane Certified Operator (OCCO) written exam is divided into four major knowledge dimensions. The exam contains a total of 100 items (80 scored and 20 non-scored). These non-scored items do not count for or against a candidate’s exam score and are included to collect information on questions that may be incorporated into future test forms. Candidates are allotted three (3) hours to complete the exam. Table 1 outlines the number of items in each dimension.

Table 1. OCCO Examination Plan Summary

Dimension	# of Scored Questions
Pre-Job Inspection	20
Crane Operations	21
Crane Components	24
General Safety & Operating Practices	15
Total	80

The OCCO Exam Form 090102 was first administered in November of 2021. To date, the OCCO 010902 Exam has been administered to a total of 81 candidates of which 37 (46%) have passed (Table 2). The 090102 exam summary statistics are summarized in Table 3.

Table 2. Pass/Fail Rates for OCCO 090102 Exam

	Fail	Pass	Total	Fail%	Pass %
OCCO 010902	44	37	81	54%	46%

Table 3. OCCO 090102 Written Exam Form Summary Statistics

Overall Exam Performance	
Number of Exams Administered:	81
Number of Scored Questions:	80
Number of non-Scored Questions:	20
Exam Mean:	55.89
Exam Minimum:	29
Exam Maximum:	73
Average Raw Percent Correct:	69.86%
Standard Deviation:	7.90
Standard Error of Measurement (SEM):	3.49
Reliability (KR-20):	0.80

Of the 81 candidates who have taken the 090102 exam to date, the mean score was 55.89 with a standard deviation of 7.90. The raw scores ranged from a low of 29 to a high of 73. The mean p-value of 0.80 is on par with the expectations for the examination.

To earn the OCCO designation, a candidate must pass both the written and practical exams. The OCCO practical exam is coded as Form 098101. Test-level statistics for 098101 are summarized in Table 4. To date, 58 candidates have received their OCCO designation.

Table 4. Test- Level Statistics: OCCO Practical Test Form 098101

Overall Test Performance	
Number of Tests Administered:	140
Maximum Possible Score:	24
Minimum Possible Score:	0
Test Mean:	16.3
Pass Rate	76%