Certified Master Rigger and Signaler / Lift Director (CMRS/LD) Exam Summary Report

The Certified Master Rigger and Signaler / Lift Director (CMRS/LD) examination is divided into two major knowledge dimensions (i.e., Rigging Procedures and Rigging Safety). The exam contains a total of 80 scored items. For the purposes of piloting exam items, candidates also see 20 unscored experimental items. The experimental items presented are randomly drawn from a pool of 124 items. Candidates are allotted four (4) hours to complete the exam. Table 1 outlines the number of items in each dimension and sub-dimension.

Table 1. Examination Plan Summary

Dimension and Sub-Dimension	# of Scored Questions
Rigging Procedures	
Hitch Configuration	15
Application	30
Rigging Safety	
Critical Hoist/Lift Plans	16
Site Awareness/Personnel Safety	15
Load Stability	4
Total	**80**

The CMRS/LD written exam form**,** 0201, was retired in January of 2022 with the program's move to Computer-Based Testing (CBT). The current form of the CMRS/LD written exam**,** 0202, was first administered in February of 2022.

To date, 30 candidates have taken the 0202 exam, 17 (57%) of whom have passed and received their CMRS/LD designation (Table 2). The exam statistics for the 0202 exam are presented in Table 3.

Table 2. Pass/Fail Rates for CMRS/LD Exam Form 0202

	Fail	Pass	Total	Fail %	Pass %
CMRS/LD Exam	13	17	30	43%	57%

Table 3. Written Examination Form 0202 Summary Statistics

Overall Exam Performance	
Number of Candidates:	30
Number of Scored Questions:	80
Number of non-Scored Questions:	20
Exam Mean:	54.17
Exam Minimum:	32
Exam Maximum:	72
Average Raw Percent Correct:	67.71
Standard Deviation:	10.75
Standard Error of Measurement (SEM):	3.64
Reliability (KR-20):	0.89

Of the 30 candidates who have taken the CMRS/LD examination, form 0202, the mean score is 54.17 with a standard deviation of 10.75. The raw scores ranged from a low of 32 to a high of 72. The mean p-value of 0.81 demonstrates that the examination is on par with the expectations for the examination.