



REFERENCE SAMPLE PROGRAM

## **CT 202: Method of Test for Sieve Analysis of Fine Aggregates**

2023 PROFICIENCY TEST RESULTS

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### **Authors**

Aemero Hailemichael  
Biplab B. Bhattacharya

**State of California Department of Transportation**  
Division of Engineering Services  
Materials Engineering and Testing Services-MS #5  
Office of Materials Management and Independent Assurance  
5900 Folsom Blvd  
Sacramento, California 95819-4612

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## **REFERENCE SAMPLE PROGRAM (RSP)**

### **Proficiency Test on CT 202: Method of Test for Sieve Analysis of Fine Aggregates**

#### **1.0 OVERVIEW**

On August 31<sup>st</sup>, 2023, the Caltrans Reference Sample Program (RSP) sent a proficiency testing announcement letter to laboratories accredited to perform CT 202: "Method of Test for Sieve Analysis of Fine and Coarse Aggregates." The purpose of proficiency testing using reference samples is to determine a laboratory technician's operational ability in conducting the test, assess equipment functionality, and ability to report results according to test method instructions.

California Test 202 (CT 202) is a California Department of Transportation (Caltrans) test method that involves sieve analysis of fine and coarse aggregates. For most aggregate laboratory technicians, the sieve analysis, also referred to as the gradation test, is a fundamental test. In order to evaluate compliance with mix design, specifications, and acceptance testing requirements, the sieve analysis establishes the gradation—that is, the distribution of aggregate particles, by size, within a specific sample.

To conduct this proficiency testing, Caltrans RSP sent out announcement letters to laboratories identified in the Statewide Independent Assurance Database (SIAD) as 'currently accredited' to perform CT 202. A total of 323 laboratories were evaluated.

Caltrans Independent Assurance (IA) staff sampled, packaged, and delivered the material to be used for testing from the Caltrans RSP Laboratory in Sacramento, CA. One bag of fine aggregate for testing was delivered to participating laboratories; with enough material to run a single CT 202 sieve analysis test. Instructions and reporting sheets were also distributed with the samples.

#### **2.0 ANALYSIS OF TEST RESULTS**

##### **2.1 EVALUATION CRITERIA**

The evaluation process for this round of proficiency testing is based on a given lab achieving a passing score for each sieve size specified in the instructions sent to participating laboratories. Sieve Nos. 4, 8, 16, 30, 50, 100, and 200 were used for the fine aggregate analysis.

The averages of the test results for each sieve size, standard deviation, and the rating system used for this CT 202 RSP are summarized in Table 1. Data outliers were analyzed according to ASTM E 178 based on the initial data collected.

**Table 1: Pooled Average and Standard Deviation for Each Sieve Size**

Test: CT 202 Sieve Analysis Fine Aggregate	Pooled Average (X)	Standard Deviation ( $\sigma$ )
Total Material Passing (No. 4) Sieve	100	0*
Total Material Passing (No. 8) Sieve	91.63	0.508
Total Material Passing (No. 16) Sieve	77.19	0.597
Total Material Passing (No. 30) Sieve	53.5	0.555
Total Material Passing (No. 50) Sieve	15.41	0.512
Total Material Passing (No. 100) Sieve	1.05	0.221
Total Material Passing (No. 200) Sieve	0	0*

\*0 standard deviation means there is no deviation from the average, hence, all the values in the dataset (all data minus outliers) are the same.

As shown in Table 2, the rating system uses the z-score, which measures exactly how many standard deviations above or below the average a data point is, to grade test results of each sieve size.

$$Z = (\text{data point} - \text{average}) / \text{standard deviation}$$

**Table 2: Rating System for the RSP from the IA Program Manual**

If the Z score is	Numerical Rating	Interpretation of Results
$-1 \leq Z \leq 1.0$	5	Acceptable (very good)
$-1.5 \leq Z < -1.0$ or $1 < Z \leq 1.5$	4	Acceptable (good)
$-2 \leq Z < -1.5$ or $1.5 < Z \leq 2$	3	Acceptable (fair)
$-2.5 \leq Z < -2$ or $2 < Z \leq 2.5$	2	Unacceptable (poor)
$-3 \leq Z < -2.5$ or $2.5 < Z \leq 3$	1	Unacceptable (very poor)
Less than -3 or Greater than 3	Outlier	Unacceptable (outlier)

## 2.2 INITIAL TEST

A total of 323 laboratories participated in this round of proficiency testing. Analysis for data outliers was conducted in accordance with ASTM E 178 based on the initial data collected from 316 participating labs that turned in their test results by the deadline stated in the instructions. These outliers are summarized in Table 3.

**Table 3: Laboratories and Test Results Considered as Outliers**

Test Method	Count	Laboratory ID
CT 202	21	F1, 50, 125, 150, 156, 214, 216, 245, 287, 295, 348, 417, 437, 444, 449, 455, 493, 522, 634, 1722 and 1742

After excluding the outliers, the pooled average and standard deviation values were re-calculated for the remaining 295 laboratories. The pooled average and standard deviation for each sieve size are shown in Table 1. The analysis results are presented in Table 4. The reported test results and the corresponding score ratings for each participating laboratory are provided in Appendix A.

**Table 4: Summary of Initial Test Laboratory Rating Scores**

Laboratory Rating	# Of Laboratories
5	66
4	188
3	15
2	0
1	47

### 2.3 RETEST

Retest samples were sent to laboratories whose test results were considered outliers or with a rating of 2 and below. In the initial analysis, 47 laboratories did not achieve acceptable ratings. The laboratories were provided a retest sample for re-evaluation. The retest summary is presented in Table 5. The retest results and scores are provided in Appendix B.

Three laboratories failed to follow up on the retest. The Caltrans CT 202 accreditation for these labs was suspended for noncompliance. These laboratories are CTID# 100, 123, and 348.

Two laboratories did not achieve acceptable ratings after the retest. A third sample was sent to these laboratories for a second retest which also requires a Caltrans IA staff to witness the testing.

**Table 5: Summary of Retest Results**

Laboratory Rating	# Of Laboratories
5	15
4	27
3	0
2	0
1	2

## 2.4 IA WITNESS TEST

A Caltrans IA staff contacted the two laboratories that did not achieve satisfactory ratings in the retest to schedule witness testing. The laboratories were able to set up a witness test with an IA staff who positively verified that proper testing procedures were followed by a certified technician and calibration paperwork for the apparatus used for testing. A summary of the IA witness test is presented in Appendix C.

## 2.5 LATE PARTICIPATION

Seven laboratories turned in their initial test results past the deadline stated in the 2023 CT 202 RSP instructions. Table 6 below is a summary of the laboratories' results. The late test results and scores are provided in Appendix D.

**Table 6: Summary of Late Results**

Laboratory Rating	# Of Laboratories
5	1
4	6
3	0
2	0
1	0

## 3.0 SUMMARY

323 laboratories participated in the 2023 Caltrans CT 202 proficiency testing. Out of these 323 laboratories, 47 failed the initial testing round. Failure constitutes laboratories whose results were considered outliers or those with results below a score rating of 3 per statistical evaluation method described in the IA Manual for Reference Sample Program participants. Out of those 47 laboratories that failed the initial round of testing, 42 laboratories turned in satisfactory results on the second attempt, whereas two laboratories failed the retest, and three others did not send their test results. IA witness testing was required for the two laboratories that failed the retest. These laboratories arranged an IA staff visit to witness a second retest. These two

laboratories turned in satisfactory results after the witness testing.

Caltrans IA suspended the CT 202 accreditation of the three laboratories that failed to complete the proficiency testing.

#### **4.0 REFERENCES**

1. CT 202, " Method of Test for Sieve Analysis of Fine and Coarse Aggregates"
2. ASTM E 178, "Standard Practice for Dealing with Outlying Observations."
3. Caltrans, "Independent Assurance Manual," Sacramento, July 2005.

## Appendix A

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
1	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
2	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
3	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
5	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
7	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
8	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
10	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
11	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
12	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
15	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
17	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
18	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
20	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
22	100	5	91	4	76	3	52	1	15	5	1	5	0	5	1	RETEST REQUIRED
23	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
24	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
29	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
31	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
32	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
38	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
40	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
41	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
43	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
46	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
47	100	5	91	4	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
48	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
49	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
50	100	5	91	4	68	1	54	5	15	5	1	5	0	5	1	RETEST REQUIRED
52	100	5	91	4	77	5	55	1	15	5	1	5	0	5	1	RETEST REQUIRED
53	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
55	100	5	92	5	78	4	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
56	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
57	100	5	92	5	77	5	55	1	16	4	1	5	0	5	1	RETEST REQUIRED
58	100	5	92	5	78	4	55	1	16	4	1	5	0	5	1	RETEST REQUIRED
59	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
61	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
63	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
65	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
66	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
67	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
70	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
73	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
74	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
75	100	5	92	5	77	5	53	5	15	5	2	1	0	5	1	RETEST REQUIRED
76	100	5	91	4	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
79	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
80	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
81	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
82	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
87	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
88	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
90	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
92	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
93	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
94	100	5	91	4	76	3	54	5	16	4	1	5	0	5	3	ACCEPTABLE
96	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
97	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
99	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
100	100	5	92	5	76	3	52	1	15	5	1	5	0	5	1	RETEST REQUIRED
104	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
106	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
110	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
112	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
114	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
118	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
119	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
120	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
122	100	5	92	5	78	4	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
123	100	5	92	5	78	4	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
124	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
125	100	5	91	4	77	5	53	5	18	1	1	5	0	5	1	RETEST REQUIRED
130	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
131	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
137	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
138	100	5	91	4	76	3	53	5	15	5	2	1	0	5	1	RETEST REQUIRED
139	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
140	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
143	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
144	100	5	92	5	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
145	100	5	91	4	75	1	53	5	15	5	1	5	0	5	1	RETEST REQUIRED
146	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
147	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
149	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
150	100	5	92	5	77	5	53	5	13	1	1	5	0	5	1	RETEST REQUIRED
152	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
154	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
156	100	5	92	5	79	1	57	1	20	1	5	1	4.2	1	1	RETEST REQUIRED

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
157	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
160	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
161	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
164	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
168	100	5	92	5	75	1	55	1	16	4	2	1	0	5	1	RETEST REQUIRED
169	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
170	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
171	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
173	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
177	100	5	92	5	77	5	53	5	16	4	2	1	0	5	1	RETEST REQUIRED
181	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
182	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
183	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
184	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
187	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
188	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
190	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
191	100	5	92	5	78	4	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
192	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
193	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
196	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
197	100	5	91	4	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
200	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
201	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
202	100	5	92	5	78	4	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
204	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
206	100	5	91	4	76	3	53	5	16	4	1	5	0	5	3	ACCEPTABLE
207	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
208	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
209	100	5	92	5	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
210	100	5	91	4	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
213	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
214	100	5	92	5	77	5	54	5	12	1	1	5	0	5	1	RETEST REQUIRED
216	100	5	91	4	77	5	54	5	16	4	2	1	1	1	1	RETEST REQUIRED
219	100	5	91	4	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
221	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
222	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
225	100	5	91	4	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
229	100	5	92	5	78	4	54	5	17	1	1	5	0	5	1	RETEST REQUIRED
231	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
233	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
234	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
235	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
236	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
237	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
240	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
241	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
242	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
243	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
244	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
245	100	5	92	5	78	4	54	5	15	5	7	1	0	5	1	RETEST REQUIRED
247	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
248	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
249	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
251	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
253	100	5	92	5	77	5	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
254	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
255	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
256	100	5	93	1	77	5	54	5	16	4	1	5	0	5	1	RETEST REQUIRED
257	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
258	100	5	91	4	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
261	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
262	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
263	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
264	100	5	93	1	78	4	54	5	16	4	1	5	0	5	1	RETEST REQUIRED
265	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
266	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
268	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
269	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
273	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
275	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
276	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
277	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
278	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
279	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
280	100	5	91	4	78	4	53	5	16	4	2	1	0	5	1	RETEST REQUIRED
281	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
284	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
287	100	5	92	5	77	5	53	5	15	5	10	1	0	5	1	RETEST REQUIRED
289	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
290	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
293	100	5	91	4	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
295	100	5	92	5	77	5	53	5	12	1	1	5	0	5	1	RETEST REQUIRED
297	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
301	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
303	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
306	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
307	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
308	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
309	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
310	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
311	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
313	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
314	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
315	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
317	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
320	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
322	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
326	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
329	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
330	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
332	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
333	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
334	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
338	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
342	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
344	100	5	92	5	78	4	54	5	16	4	2	1	0	5	1	RETEST REQUIRED
347	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
348	100	5	89	1	69	1	52	1	15	5	1	5	0	5	1	RETEST REQUIRED
349	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
352	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
353	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
354	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
356	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
359	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
361	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
362	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
369	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
377	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
379	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
381	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
385	100	5	92	5	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
388	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
393	100	5	92	5	78	4	54	5	15	5	2	1	0	5	1	RETEST REQUIRED
395	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
396	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
399	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
400	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
401	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
405	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
407	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
413	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
416	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
417	100	5	97	1	76	3	53	5	15	5	1	5	0	5	1	RETEST REQUIRED
418	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
419	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
422	100	5	92	5	75	1	53	5	15	5	1	5	0	5	1	RETEST REQUIRED
423	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
426	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
428	100	5	92	5	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
437	100	5	93	1	79	1	55	1	16	4	2	1	1	1	1	RETEST REQUIRED
438	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
441	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
444	100	5	91	4	76	3	51	1	15	5	1	5	0	5	1	RETEST REQUIRED
447	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
448	100	5	91	4	78	4	53	5	14	1	1	5	0	5	1	RETEST REQUIRED
449	99	1	92	5	77	5	54	5	15	5	1	5	0	5	1	RETEST REQUIRED
455	100	5	91	4	77	5	54	5	16	4	1	5	1	1	1	RETEST REQUIRED
458	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
461	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
464	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
476	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
482	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
485	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
491	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
492	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
493	100	5	92	5	78	4	56	1	16	4	1	5	0	5	1	RETEST REQUIRED
495	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
496	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
502	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
508	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
509	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
513	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
521	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
522	100	5	92	5	77	5	54	5	16	4	2	1	1	1	1	RETEST REQUIRED
527	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
531	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
533	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
535	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
536	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
538	100	5	91	4	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
543	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
550	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
551	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
552	100	5	93	1	77	5	54	5	16	4	1	5	0	5	1	RETEST REQUIRED
569	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
574	100	5	92	5	78	4	54	5	17	1	1	5	0	5	1	RETEST REQUIRED
576	100	5	91	4	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
580	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
590	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
593	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
595	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
600	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
603	100	5	91	4	76	3	53	5	16	4	1	5	0	5	3	ACCEPTABLE
608	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
612	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
617	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
634	100	5	92	5	82	1	54	5	15	5	1	5	0	5	1	RETEST REQUIRED
636	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
641	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
642	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
643	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
644	100	5	91	4	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
645	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
652	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
655	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1704	100	5	91	4	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
1709	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
1711	100	5	92	5	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
1712	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
1719	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1720	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1721	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
1722	100	5	92	5	77	5	54	5	16	4	1	5	1	1	1	RETEST REQUIRED
1724	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1725	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1728	100	5	91	4	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1729	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
1730	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
1731	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE

CTID #	#4 Sieve Passing %	#4 Score	#8 Sieve Passing %	#8 Score	#16 Sieve Passing %	#16 Score	#30 Sieve Passing %	#30 Score	#50 Sieve Passing %	#50 Score	#100 Sieve Passing %	#100 Score	#200 Sieve Passing %	#200 Score	Overall Score	Final Rating
1733	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1737	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
1740	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
1742	100	5	92	5	74	1	53	5	16	4	1	5	0	5	1	RETEST REQUIRED
1743	100	5	92	5	78	4	53	5	15	5	1	5	0	5	4	ACCEPTABLE
1744	100	5	92	5	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1746	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
1747	100	5	92	5	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1750	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
1751	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
1752	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
1754	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1755	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1756	100	5	91	4	78	4	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1758	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
1760	100	5	91	4	76	3	53	5	15	5	1	5	0	5	3	ACCEPTABLE
1762	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1766	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
F1	100	5	91	4	74	1	52	1	15	5	1	5	0	5	1	RETEST REQUIRED

## Appendix B

CTID #	#4 Sieve (Passing %)	#4 Score	#8 Sieve (Passing %)	#8 Score	#16 Sieve (Passing %)	#16 Score	#30 Sieve (Passing %)	#30 Score	#50 Sieve (Passing %)	#50 Score	#100 Sieve (Passing %)	#100 Score	#200 Sieve (Passing %)	#200 Score	Overall Score	Final Rating
22	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
50	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
52	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
55	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
57	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
58	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
75	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
100																
122	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
123																
125	100	5	92	5	78	4	54	5	18	1	1	5	0	5	1	RETEST REQUIRED
138	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
145	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
150	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
156	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
168	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
177	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
191	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
202	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
214	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
216	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
229	100	5	92	5	77	5	54	5	19	1	1	5	0	5	1	RETEST REQUIRED
245	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
253	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
256	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
264	100	5	91	4	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
280	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
287	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE

CTID #	#4 Sieve (Passing %)	#4 Score	#8 Sieve (Passing %)	#8 Score	#16 Sieve (Passing %)	#16 Score	#30 Sieve (Passing %)	#30 Score	#50 Sieve (Passing %)	#50 Score	#100 Sieve (Passing %)	#100 Score	#200 Sieve (Passing %)	#200 Score	Overall Score	Final Rating
295	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
344	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
348																
393	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
417	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
422	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
437	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
444	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
448	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
449	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE
455	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
493	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
522	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
552	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
574	100	5	91	4	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
634	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1722	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
1742	100	5	92	5	77	5	54	5	16	4	1	5	0	5	4	ACCEPTABLE
F1	100	5	92	5	77	5	54	5	15	5	1	5	0	5	5	ACCEPTABLE

## Appendix C

CTID #	#4 Sieve (Passing %)	#4 Score	#8 Sieve (Passing %)	#8 Score	#16 Sieve (Passing %)	#16 Score	#30 Sieve (Passing %)	#30 Score	#50 Sieve (Passing %)	#50 Score	#100 Sieve (Passing %)	#100 Score	#200 Sieve (Passing %)	#200 Score	Overall Score	Final Rating
125	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE
229	100	5	92	5	78	4	54	5	16	4	1	5	0	5	4	ACCEPTABLE

## Appendix D

CTID #	#4 Sieve (Passing %)	#4 Score	#8 Sieve (Passing %)	#8 Score	#16 Sieve (Passing %)	#16 Score	#30 Sieve (Passing %)	#30 Score	#50 Sieve (Passing %)	#50 Score	#100 Sieve (Passing %)	#100 Score	#200 Sieve (Passing %)	#200 Score	Overall Score	Final Rating
9	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
26	100	5	91	4	77	5	54	5	15	5	1	5	0	5	4	ACCEPTABLE
246	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE
270	100	5	92	5	78	4	54	5	15	5	1	5	0	5	4	ACCEPTABLE
534	100	5	92	5	77	5	53	5	15	5	1	5	0	5	5	ACCEPTABLE
584	100	5	92	5	77	5	53	5	16	4	1	5	0	5	4	ACCEPTABLE
1723	100	5	91	4	77	5	53	5	15	5	1	5	0	5	4	ACCEPTABLE