

**Quality Council of Indiana
Version as of July 22, 2014**

<u>Item</u>	<u>Edition</u>	<u>Date</u>	<u>Ctrl</u>	<u>Install</u>	<u>Program</u>
CBA Primer	1st Edition	May, 2013	010		PDC
CBA Solutions Text	1st Edition	2013	002		PDC
CBA Exam CD	1st Edition	February 21, 2014		2.04	4.0.6
CBA Instructor	1st Edition	February 19, 2014	010		
CCT Primer	2nd Edition	September, 2010	003		PDC
CCT Solutions Text	2nd Edition	2010	002		PDC
CCT Exam CD		October 29, 2012		3.02	4.0.6
CCT Instructor	2nd Edition	August 31, 2010	001	2.00	9.0
CMQ Primer	7th Edition	October, 201	000		PDC
CMQ Solutions Text	7th Edition	October, 2013	000		PDC
CMQ Exam CD		October, 2013		6.00	4.0.6
CMQ Instructor	7th Edition	October, 2013	000	7.00	9.0
CQA Primer	8th Edition	June, 2012	008		PDC
CQA Solutions Text	8th Edition	2012	005		PDC
CQA Exam CD		October 23, 2013		6.06	4.0.6
CQA Instructor	8th Edition	February 12, 2013	007	6.02	9.0
CQE Primer	9th Edition	July, 2012	010		PDC
CQE Solutions Text	9th Edition	2012	002		PDC
CQE Exam CD		May 28, 2014		10.06	4.0.6
CQE Instructor	9th Edition	May 22, 2014	010	9.03	9.0
CQI Primer	6th Edition	October, 2011	012		PDC
CQI Solutions Text	6th Edition	2011	003		PDC
CQI Exam CD		April 11, 2013		6.11	4.0.6
CQI Instructor	6th Edition	May 10, 2012	010	6.01	9.0
CQIA Primer	4th Edition	February, 2014	001		PDC
CQIA Solutions Text	4th Edition	February, 2014	000		PDC
CQIA Exam CD		February 12, 2014		6.00	4.0.6
CQIA Instructor	4th Edition	February 12, 2014	000	4.00	9.0
CQPA Primer	3rd Edition	September, 2013	002		PDC
CQPA Solutions Text	3rd Edition	2013	001		PDC
CQPA Exam CD		June 14, 2013		4.00	4.0.6
CQPA Instructor	3rd Edition	June 19, 2013	000	3.00	9.0
CQT Primer	7th Edition	October, 2011	008		PDC
CQT Solutions Text	7th Edition	October, 2011	002		PDC
CQT Exam CD		November 30, 2012		5.08	4.0.6
CQT Instructor	7th Edition	April 15, 2013	007		9.0
CRE Primer	4th Edition	October 1, 2009	018		PDC
CRE Solutions Text	4th Edition	2009	015		PDC
CRE Exam CD		July 11, 2013		4.16	4.0.6
CRE Instructor	4th Edition	September 12, 2013	017	1.03	9.0
CSQE Primer	4th Edition	2008	010		

Quality Council of Indiana - Version Summary

<u>Item</u>	<u>Edition</u>	<u>Date</u>	<u>Ctrl</u>	<u>Install</u>	<u>Program</u>
CSQE Solutions Text	4th Edition	October 13, 2008	003		
CSQE Exam CD		June 8, 2009		5.03	4.0.6
CSQE Instructor	4th Edition	March 11, 2010	006	3.01	9.0
CSSBB Primer	3rd Edition	August 1, 2012	007		PDC
CSSBB Solutions Text	3rd Edition	2012	002		PDC
CSSBB Exam CD		May 13, 2013		6.04	4.0.6
CSSBB Instructor	3rd Edition	May 21, 2014	006	3.01	9.0
CSSGB Primer	3rd Edition	May, 2014	003		PDC
CSSGB Solutions Text	3rd Edition	April, 2014	001		PDC
CSSGB Exam CD		July 21, 2014		4.01	4.0.6
CSSGB Instructor	3rd Edition	July 22, 2014	003	3.01	9.0
Spanish CSSGB Primer		October, 2010	004		PDC
Spanish CSSGB Instructor		December 15, 2010	002		PDC
CSSYB Primer	1st Edition	July, 2014	001		PDC
CSSYB Solutions Text	1st Edition	2014	000		PDC
CSSYB Exam CD		July 14, 2014		1.01	4.0.6
CSSYB Instructor	3rd Edition	July 21, 2014	001	1.01	9.0
LSS Primer	1st Edition	April 2, 2007	016		
LSS Solutions Text	1st Edition	2007	003		
LSS Exam CD		Not available			
LSS Instructor	1st Edition	November 10, 2011	013	1.03	9.0
ISO Primer w/CD		2009	000		
ISO 9001 Internal Auditing Primer		March 31, 2009	001		
ISO 9001 Int Audit Instructor		March 27, 2009	000		9.0
Quality System Handbook w/CD		2009	002	2.01	9.0
RAM Dictionary		1988			
Quality Dictionary		2010	000		PDC
ISO 9001:2008 Pocket Primer		2009			
Measurement Assurance	Software			2.7	
Reliability & Maintenance Analyst	Software			4.7	
Juran's Quality Handbook	6th Edition	2010			
Implementing Six Sigma	2nd Edition	2003			

Date = Date shown in document or file date

Edition = Major edition of document

Ctrl = Control revision for errata, which is shown on the lower-left of Intro-3 in the Primer or Solutions Text

Install = Revision shown during installation of software

Program = Revision of software program

Click on the hyperlink to go to the detailed revision listing for the item.

Quality Council of Indiana - Certified Calibration Technician (CCT)

CBA Primer, 1st Edition, February, 2013

CBA Primer, 010, July 21, 2014

Intro-3 009 -> 010
IV-69 <Table 4.7> remove checkmark in row III, col I sterile
IV-71 <add annex II to the class I sterile/measuring>

CBA Primer, 009, June 4, 2014

Intro-3 008 -> 009
VI-49/54 <header> Part 1 -> Part I
II-33/36, III-103/108, IV-143/150, V-85/92, VI-49/54, VII-57/62, VIII-75/78, IX-25/26
THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CBA Primer, 008, February 24, 2014

Intro-3 007 -> 008
IV-143 <Q4.7> Minor change
V-85 <Q5.2> Minor change
V-86 <Q5.21> Minor change
V-87 <Q5.31> Minor change
V-91 <Q5.58, 5.59, 5.60> Minor changes
VI-11 Minor change
VI-18 Last paragraph SAL discussion Major change
VI-28 Minor change
VI-50 <Q6.21> Minor change
VI-51 <Q6.28> Major change
VI-52 <Q6.40> Major change
VII-57 <Q7.13> Minor change
VII-58 <Q7.18, Q7.25> Minor change
VII-59 <Q7.27, Q7.28> Minor change
VII-61 <Q7.50> Major change

CBA Primer, 007, January 7, 2014

Intro-3 006 -> 007
IV-83 <add> in vitro guidance withdrawn May 8, 2013
IV-148 Q4.54 10⁻³ -> 10⁻⁵
V-16 Design Changes 21 CFR 820.30(I) -> 21 CFR 820.30(i)
V-16 Design History File (DHF) 21 CFR 820.30(I) -> 21 CFR 820.30(j)
V-24 Design Changes 21 CFR 820.30(I) -> 21 CFR 820.30(i)
V-25 Design History File (DHF) 21 CFR 820.30(I) -> 21 CFR 820.30(j)
V-83 <middle> link between the even and its device -> link between the event and its device
V-83 2nd para from bottom mal function -> malfunction
V-87 2nd Q5.28 -> 5.29
V-92 Q5.65 10⁻⁵ -> 10⁻⁵, answer a 99.99% -> 99.9%
VI-22 Negative test of sterility <delete> Test result indicating detectable microbial growth.
VI-53 Q6.49 1 m size -> 1 <mu>m (Note a 1 meter particle would be rather large!!!)
VI-54 Q6.55 0.2 m size -> 0.2 <mu>m
VII-27 Fig. 7.6 Software The Risk -> Software Risk
VII-41 3rd para IEC 80001-1:20010 -> IEC 80001-1:2010
VIII-71 Likert. scale could extent -> scale could extend

CBA Primer, 006, December 20, 2013

Intro-3 005 -> 006
III-103 to 108 <replaced Q3.12 through Q3.38 with correct questions>

CBA Primer, 005, December 11, 2013

Intro-3 004 -> 005
<Increased number of questions to 400>

CBA Primer, 004, November 28, 2013

Quality Council of Indiana - Certified Calibration Technician (CCT)

Intro-3 003 -> 004
<minor spelling and other corrections>

CBA Primer, 003, October 16, 2013

Intro-3 002 -> 003
Intro-5 <other directives and standards - Section VII>
IV-69 Table 4.7 (several corrections)
VI-14 Q to O in Figure 6.6
VI-27 Added ISO 11135-1 2007 reference
VII-2/12 Added FDA (2005 Guidance)
VII-12 Added FDA (2002, January 11) and FDA (1999, September 9) Guidance
VII-25 <Deleted last 2 sentences>
VII-40 ISO 60601 -> IEC 60601
VII-40/44 Subheading change to Other Directives and Standards
Several locations consolidated most ISO 13485 dates to 2003
X-17 <multiple small changes, EtO and ETO -> EO>

CBA Primer, 002, September 23, 2013

Intro-3 001 -> 002
IV-69 <added two check marks in table>
X-26 <corrected answers to> 7.11 b, 7.12 d, 7.13 c, 7.14 d, 7.15 b, 7.16 c, 7.17 a, 7.18 d

CBA Primer, 001, August 29, 2013

Intro-3 000 -> 001
II-33 <Q2.2> Various aspects -> A review of various aspects
III-103 <Q3.9b> IMDRF -> ISO 19011
III-103 <Q3.11> <new question>
IV-143 <Q4.6> minor change
X-25 <Q2.2> c -> d

CBA Primer, 000, April 29, 2013

Intro-3 000 <initial release WCQI Edition 2 pages questions each Section>

CBA Solutions Text

CBA_Solutions, 002, February 24, 2014

Intro-4 001 -> 002
43 <Q4.7> Minor
65 <Q5.2> Minor
71 <Q5.21> Minor
75 <Q5.31> Minor
87 <Q5.58> Minor, <Q5.59> Minor, <Q5.60> Minor
98 <Q6.21> Minor
101 <Q6.28> Major
105 <Q6.40> Minor
116 <Q7.13> Minor
117 <Q7.18> Minor
120 <Q7.25> Minor
121 <Q7.27> Major, <Q7.29> Minor
129 <Q7.50> Major

CBA_Solutions, 001, January 7, 2014

Intro-4 000 -> 001
59 Q4.54 10^{-3} -> 10^{-3}
89 Q5.65 10^{-5} -> 10^{-5} , answer a 99.99% -> 99.9%
108 Q6.49 1 m size -> 1 <mu>m
110 Q6.55 0.2 m size -> 0.2 <mu>m

CBA_Solutions, 000, December 12, 2013

Quality Council of Indiana - Certified Calibration Technician (CCT)

Intro-3 000 <initial release>

CBA Exam CD

CBA Exam, Install 2.04, Program 4.0.6, Database 1.0.0 February 21, 2014

ID-108 <Q4.7> Minor
ID-171 <Q5.2> Minor
ID-192 <Q5.21> Minor
ID-202 <Q5.31> Minor
ID-229 <Q5.58> Minor
ID-230 <Q5.59> Minor
ID-231 <Q5.60> Minor
ID-261 <Q6.21> Minor
ID-268 <Q6.28> Major
ID-280 <Q6.40> Minor
ID-312 <Q7.13> Minor
ID-317 <Q7.18> Minor
ID-326 <Q7.27> Major
ID-328 <Q7.29> Minor
ID-349 <Q7.50> Major
ID-316 <Q7.25> Minor

CBA Exam, Install 2.02, Program 4.0.6, Database 1.0.0 January 7, 2014

ID-236 <Q5.65> answer a 99.99% -> 99.9%

CBA Exam, Install 2.01, Program 4.0.6, Database 1.0.0 December 13, 2013
<1000 questions>

CBA Exam, Install 1.00, Program 4.0.6, Database 1.0.0 May 1, 2013
<initial release>

CBA Instructor PDF CD

CBA Instructor PDF, 010, Install 1.02, Adobe 9.0, July 21, 2014

Intro-1 (1) 008 -> 010
IV-69 (218) <Table 4.7> remove checkmark in row III, col I sterile
IV-71 (219) <add annex II to the class I sterile/measuring>

CBA Instructor PDF, 008, Install 1.01, Adobe 9.0, February 19, 2014

Intro-1 (1) 007 -> 008
VI-91 (344) <Q5.58a> Design review -> Design validation
VI-11 (344) (5.8) Expert analysis -> Expert reviews
VII-57 (461) <Q7.13c,d> retests -> retest,
VII-58 (462) <Q7.25a> amount endotoxin -> amount of endotoxin

CBA Instructor PDF, 007, Install 1.00, Adobe 9.0, January 7, 2014

Intro-1 (1) 007

CCT Primer, 2nd Edition, September, 2010

CCT Primer, 003, June 5, 2014

Intro-3 002 -> 003
II-47/58, III-47/54, IV-69/82, V-77/80, VI-43/46, VII-141/146, VIII-41/42
THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CCT Primer, 002, Oct. 30, 2010

Intro-3 001 -> 002 initial release of full version
<Minor changes to questions II, IV, VII>

CCT Primer, 001, August 31, 2010

Intro-3 000 -> 001 initial release of full version

Quality Council of Indiana - Certified Calibration Technician (CCT)

CCT Primer, 000, August 25, 2010, pre-release version, incomplete
Intro-3 000

CCT Solutions Text, 2010

CCT Solutions, 002, Oct. 29, 2010

Intro-3 001 -> 002
<Minor changes to multiple questions>

CCT Solutions, 001, August 31, 2010

Intro-3 000 -> 001 initial release of full version

CCT Solutions, 000, August 25, 2010

Intro-3 000

CCT Exam CD

CCT Exam, Install 3.02, Program 4.0.6, Database 2.0.0 October 29, 2012

<minor changes to multiple questions>

CCT Exam, Install 3.01, Program 4.0.6, Database 2.0.0 August 20, 2012

ID-440 <ans c> b -> μ meter

ID-835 2 400 900 -> 240 000

CCT Exam, Install 3.00, Program 4.0.6, Database 2.0.0 August 31, 2010

Initial release

CCT Instructor

CCT Instructor, 001, August 31, 2010, Install 2.00

Intro-1 (1) 000 -> 001 initial release of full version

CCT Instructor, 000, August 25, 2010

Intro-1 (1) 000

Quality Council of Indiana - Certified Manager of Quality (CMQ)

CMQ Primer, 7th Edition, October, 2013

CMQ Primer, 000, Oct, 2013

Intro-3 000 <initial release 7th Edition>

CMQ Solutions Text

CMQ Solutions, 000, Oct, 2013

Intro-3 000 <initial release 7th Edition>

CMQ Exam CD

CMQ Exam, Install 6.00, Program 4.0.6, Database 6.0.0, Build 6.00, October, 2013
<Initial release of new version>

CMQ Instructor

CMQ Instructor PDF, 000, Install 7.00, Adobe 9.0, October, 2013

Intro-1 (1) 000 <Release of 7th edition>

Quality Council of Indiana - Certified Quality Auditor (CQA)

CQA Primer, 8th Edition, June, 2012

CQA Primer, 008, May 27, 2014

Intro-3 007 -> 008

II-55/60, III-51/56, IV-87/94, V-37/40, VI-57/64, VII-93/98, VIII-17/28 THIS PAGE MUST BE REMOVED BEFORE TAKING AND ASQ CERTIFICATION EXAM

CQA Primer, 007, February 11, 2013

Intro-3 006 -> 007

VI-63 <6.67> \$6000 -> \$16,000

VIII-28 <6.52> b -> c

CQA Primer, 006, November 12, 2012

Intro-3 005 -> 006

VIII-8/16 <Header> Author name index to subject index

CQA Primer, 005, September 25, 2012

Intro-3 004 -> 005

VIII-28 6.54 c -> a, 6.55 b -> c, 6.56 a -> b, 6.57 c -> b

CQA Primer, 004, August 22, 2012

Intro-3 003 -> 004

II-60 <2.71 3 places> its -> it is

III-52 <3.19> following is the -> following are the

III-54 <3.36> tolerate -> tolerant

V-40 <5.38> evaluate it's -> evaluate its

VI-61 <6.48> turn around -> turnaround

VI-63 <6.64> in a audit -> in an audit

VII-93 <7.5> auditing tool. -> auditing tool?

VII-95 <7.32> A increasing -> An increasing

VII-95 <7.33> its completed -> it's completed

VII-98 <7.67> project is called -> project are called

CQA Primer, 003, August 15, 2012

Intro-3 002 -> 003

VIII <Case study question numbers> 10. -> 8.

CQA Primer, 002, May 30, 2012

Intro-3 001 -> 002

CQA Primer, 001, May 3, 2012

Intro-3 000 -> 001

II-27 standards, contacts -> standards, contracts

CQA Primer, 000, March 26, 2012

Intro-3 000 Initial release

CQA Solutions Text

CQA Solutions, 005, December 15, 2013

Intro-3 004 -> 005

75 <4.54> Sections -> Section

78 <4.60> Sections -> Section

80 <4.64 Solution> a. -> b.

82 <4.70> Sections -> Section

100 <6.2> product completion -> project completion

116 <6.47> Answer D -> Answer d

CQA Solutions, 004, February 11, 2013

Intro-3 003 -> 004

Quality Council of Indiana - Certified Quality Auditor (CQA)

125 <6.67> \$6,000 -> \$16000

CQA Solutions, 003, September 4, 2012

Intro-3

002 -> 003

- 159 <Q8.1 Reference> V-33/39 -> IV - 53/60
- 160 <Q8.2 Reference> VII-13 -> V-31
- 160 <Q8.3 Reference> VII-10/13 -> V-29/31
- 161 <Q8.4 Reference> II-6, III-1, III-5, and VIII-36 -> II-6, III-7/10, IV-17, and VI-29
- 161 <Q8.5 Reference> IV-2, 6/7, 14, and 20 -> IV-2, 6/8, 14/15, and 21
- 162 <Q8.6 Reference> III-11, III-15 and IV-39/40 -> II-16, III-7/11, and IV-14/15
- 162 <Q8.7 Reference> III - 11/12, III - 17, and IV - 10/11 (and logic) -> III - 7/10 and IV - 8/10
- 163 <Q8.8 Reference> II - 16, 23, and 28 -> II - 12/19
- 163 <Q8.9 Reference> II - 16, IV - 6/7, and V - 9/18 -> II - 13/17, IV - 3/8, and IV - 61/63
- 164 <Q8.10 Reference> III - 11, III - 15 and VIII - 36 -> III - 7/11 and VI - 16/18
- 164 <Q8.11 Reference> IV - 17/20 and IX - 1/7, 13/28, 31/32, and 48/59 -> IV - 17/21 and VII - 15/28
- 166 <Q8.12 Reference> IX - 4/7, 9/12, and 15/28 -> V - 12/13 and VII - 11/12
- 166 <Q8.13 Reference> IX - 11/12 -> VII - 11/12 and VII - 51/53
- 167 <Q8.14 Reference> IX - 31/32 (and logic) -> VII - 31/32
- 167 <Q8.15 Reference> VII - 3/8 -> V - 21/29
- 168 <Q8.16 Reference> VIII - 24/25 and IX - 66/70 -> VI - 44/51, V - 12/13, and VII - 11/12
- 169 <Q8.17 Reference> IV - 5/9, and VIII - 41/42 -> IV - 6/9, and VIII - 42/43
- 170 <Q8.18 Reference> II - 16, IV - 6/7, IV - 12/14 and VIII - 41/42 -> II - 13, IV - 6/7, IV - 11/13, and VIII - 36/37
- 170 <Q8.19 Reference> III - 11, III - 15, and VIII - 36 -> II - 6 and III - 7/10
- 171 <Q8.20 Reference> II - 3 and IX - 15 and 25 -> II - 3 and VII - 15 and 25
- 172 <Q8.21 Reference> IX - 25 -> VII - 25
- 172 <Q8.22 Reference> VI - 3/4, V -26/32 and IX - 11/12 -> III - 77/79, V - 12/13, and VII - 11/14
- 172 <Q8.23 Reference> V - 11, V - 26/29, IX - 11/12 and IX - 48/49 -> IV - 55/58, VII - 11/12, and VII - 49/53
- 173 <Q8.24 Reference> V - 33/39 -> V - 55/61
- 174 <Q8.25 Reference> V - 39 and VII - 3/16 -> V - 9/15 and V - 57/63
- 174 <Q8.26 Reference> V -12/18 -> IV - 54/60
- 175 <Q8.27 Reference> IV - 2 and 39/40 -> IV - 2/3 and IV - 14/16
- 175 <Q8.28 Reference> II - 16/18 -> II - 12/17
- 176 <Q8.29 Reference> II - 16/18 -> II - 12/17
- 176 <Q8.30 Reference> V - 23/24, V - 33/39, VI - 7/11, and VII - 7/17 -> IV - 53/60 and V - 2/9
- 177 <Q8.31 Reference> VI - 7/11 and VII - 7/17 -> V - 17 and 21/34
- 177 <Q8.32 Reference> IV - 17/18 and V - 11/14 -> II - 10, IV - 24/25, and VII - 66/72
- 178 <Q8.33 Reference> IV - 2 -> IV - 2/16

CQA Solutions, 002, August 22, 2012

Intro-3

001 -> 002

- 26 <2.71 3 places> its -> it is
- 33 <3.19> following is the -> following are the
- 39 <3.36> tolerate -> tolerant
- 98 <5.38> evaluate it's -> evaluate its
- 117 <6.48> turn around -> turnaround
- 123 <6.64> in a audit -> in an audit
- 133 <7.5> auditing tool. -> auditing tool?
- 143 <7.32> A increasing -> An increasing
- 144 <7.33> its completed -> it's completed
- 157 <7.67> project is called -> project are called

Quality Council of Indiana - Certified Quality Auditor (CQA)

CQA Solutions, 001, August 15, 2012

Intro-3 000 -> 001

Multiple questions <removed "and logic" where it was not needed>
<other minor corrections>

CQA Solutions, 000, March 26, 2012

Intro-3 000 Initial release

CQA Exam CD

CQA Exam, Install 6.06, Program 4.0.6, Database 2.0.0 October 23, 2013

CQA Exam, Install 6.04, Program 4.0.6, Database 2.0.0 August 20, 2012

ID-52 <replaced missing explanation>

ID-53 <replaced missing explanation>

CQA Exam, Install 6.03, Program 4.0.6, Database 2.0.0 March 16, 2012

ID-11 <Q2.11> conntract -> contract

CQA Instructor

CQA Instructor PDF, 0070, Install 6.02, Adobe 9.0, February 11, 2013

Intro-1 (1) 007

II-27 (46) standards, contacts -> standards, contracts

VI-60 (323) 6.55 b -> c

VI-61 (324) <6.64> in a audit -> in an audit

VI-61 (324) <6.67> \$6000 -> \$16,000

VII-98 (438) <7.67> project is called -> project are called

VIII-19 (441) <Case study question numbers> 10. -> 8.

VIII-19 (442) <Case study question numbers> 10. -> 8.

VIII-19 (443) <Case study question numbers> 10. -> 8.

CQA Instructor PDF, 000, Install 6.01, Adobe 9.0, March 16, 2012

Intro-1 (1) 000

Quality Council of Indiana - Certified Quality Engineer (CQE)

CQE Primer, 9th Edition, July, 2012

CQE Primer, 9th Edition, 010, May 21, 2014

Intro-3 009 -> 010
IV-70 <last equation> Σ from $i=1$ to x not n
IV-103 <Q4.46 added> "for the exponential distribution"
IX-58 Replaced n_1, n_2 with $v_1 v_2$ in two locations
X-48 <Delete :R bar from the set (\bar{X} - target) equation>
XI-41 <SD 1.54 to 1.61 and made 6 or 7 other minor changes>
XI-58 <Added> M, I, M/I, and ϵ to example 11.24 continued
II-117/120, III-75/78, IV-99/104, V-65/68, VI-91/94, VII-39/42, VIII-49/52, IX-69/72, X-69/72, XI-117/120,
XII-31/32 <Add to header> THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ
CERTIFICATION EXAM

CQE Primer, 9th Edition, 009, October 17, 2013

Intro-3 008 -> 009
IX-24 means are different -> medians are different

CQE Primer, 9th Edition, 008, June 4, 2013

Intro-3 007 -> 008
IX-16 <sigma> -> <sigma>² line 3

CQE Primer, 9th Edition, 007, April 10, 2013

Intro-3 006 -> 007
VI-42 <Corrected stress-strain curve and following paragraph, E, P were switched>

CQE Primer, 9th Edition, 006, March 22, 2013

Intro-3 005 -> 006
VIII-50 <Q8.20> <Replaced question, it was a duplicate of 8.32>

CQE Primer, 9th Edition, 005, November 28, 2012

Intro-3 004 -> 005
II-20 is -> was
II-21 feels -> felt has presented -> presented
III-65 contends -> contended defines -> defined
IV-21 has stated -> stated
IV-26 states -> stated

CQE Primer, 9th Edition, 004, October 19, 2012

Intro-3 003 -> 004
I-2 Improver graphics -> Improved graphics

CQE Primer, 9th Edition, 003, October 3, 2012

Intro-3 002 -> 003
X-43 <changed to correct graphic for Points Near or Outside Limits>

CQE Primer, 9th Edition, 002, September 14, 2012

Intro-3 001 -> 002
II-48 <add blank line before> The assumption made
X-38 <2 places> 0 15 10 -> 0 5 10
X-39 <2 places> 0 15 10 -> 0 5 10

CQE Primer, 9th Edition, 001, August 2, 2012

Intro-3 000 -> 001
VII-8 <Fig. 7.6 add> End
VII-37 <corrected values in AND Diagram>

CQE Primer, 9th Edition, 000, July 3, 2012

Intro-3 000 Initial Release Ninth Edition

Quality Council of Indiana - Certified Quality Engineer (CQE)

CQE Primer, 000, August 1, 2006, Eighth Edition, dated September 1, 2006

CQE Solutions Text

CQE Solutions, 002, May 22, 2014

Intro-3 001 -> 002
44 <Q4.36> 15,000-10,000 -> (15,000-10,000)
48 <Q4.46 added> for the exponential distribution

CQE Solutions, 001, March 22, 2013

Intro-3 000 -> 001
102 <Q8.20> <Replaced question, it was a duplicate of 8.32>

CQE Solutions, 000, July 3, 2012

Intro-3 000

CQE Exam CD

CQE Exam, Install 10.06, Program 4.0.6, Database 2.0.0 May 28, 2014
<update only, no content changes>

CQE Exam, Install 10.05, Program 4.0.6, Database 2.0.0 May 22, 2014

ID-112 <Q4.36> 15,000-10,000 -> (15,000-10,000)
ID-122 <Q4.46 added> for the exponential distribution
ID-423 <Section III -> Section III
ID-935 USL 2.265 -> 2.165

CQE Exam, Install 10.02, Program 4.0.6, Database 2.0.0 March 28, 2013

CQE Exam, Install 10.01, Program 4.0.6, Database 2.0.0 March 25, 2013
ID-274 <Q8.20> <Replaced question, it was a duplicate of Q8.32 ID-286>

CQE Exam, Install 10.00, Program 4.0.6, Database 2.0.0 July 3, 2012

CQE Instructor

CQE Instructor PDF, 010, Install 9.03, May 22, 2014

Intro-1 (1) 006 -> 010
IV-70 (429) <last equation> Σ from $i=1$ to x not n
VIII-1 (802) Added period to the end of quotation
IX-16 (895) <sigma> -> <sigma>² line 3
IX-58 (945) Replaced n_1, n_2 with $v_1 v_2$ in two locations
X-56 (1025) Figure 10.31 Made distribution of individual values a smaller font

CQE Instructor PDF, 006, Install 9.02, April 10, 2013

Intro-1 (1) 003 -> 006
VI-42 (668) <Corrected stress-strain curve and following paragraph, E, P were switched>

CQE Instructor PDF, 003, Install 9.01, October 4, 2012

Intro-1 (1) 000 -> 003
X-43 (1008) <changed to correct graphic for Points Near or Outside Limits>

CQE Instructor PDF, 000, Install 9.00, July 3, 2012

Quality Council of Indiana - Certified Quality Inspector (CQI)

CQI Primer, 6th Edition, October, 2011

CQI Primer, 012, June 3, 2014

Intro-3 011 -> 012

II-49/56, III-63/70, IV-47/50, V-33/36, VI-35/38, VII-73/78, VIII-55/58, IX-127/130, X-43/44

THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CQI Primer, 011, April 18, 2013

Intro-3 010 -> 011

X-43 <Q4.30> b -> d

CQI Primer, 010, April 10, 2013

Intro-3 009 -> 010

VII-44 <Corrected stress-strain curve and following paragraph, E, P were switched>

CQI Primer, 009, February 26, 2013

Intro-3 008 -> 009

VIII-36 in the same way we discussed earlier > as discussed later in this section

CQI Primer, 008, October 5, 2012

Intro-3 007 -> 008

III-64 <Q3,21c> 10 KHZ -> 10 kHz

V-36 <Q5.27> lines is -> lines are

CQI Primer, 007, September 17, 2012

Intro-3 006 -> 007

VIII-23 <2 places> 0 15 10 -> 0 5 10

VIII-24 <2 places> 0 15 10 -> 0 5 10

CQI Primer, 006, May 30, 2012

Intro-3 005 -> 006

VIII-22 <moved text to right of arrows at bottom figure>

CQI Primer, 005, May 9, 2012

Intro-3 004 -> 005

II-4 <Ex 2.6> 3-1/4 -> 3-1/2

CQI Primer, 004, March 22, 2012

Intro-3 003 -> 004

I-3 et.al. -> et al.

I-14 chages -> changes

VII-9 Checksheet -> Check Sheets

VII-17 Checksheet -> Check Sheets

VII-29 useability -> usability

VII-73 <Q7.10> judgement -> judgment

IX-119 judgement -> judgment

IX-128 <Q9.14> checksheets -> check sheets

IX-129 <Q9.30> fuction -> function

X-32 rormats -> formats Double -> Double

CQI Primer, 003, February 22, 2012

Intro-3 002 -> 003

III-31 model becomes is -> model is

VII-18 recorded the -> record the

CQI Primer, 002, February 20, 2012

Intro-3 001 -> 002

IV-8 turned it -> turned in

IV-40 CQT -> CQI

Quality Council of Indiana - Certified Quality Inspector (CQI)

CQI Primer, 001, January 24, 2012

Intro-3 000 -> 001

II-54 <Q2.60> triangle -> oblique triangle, ans. b -> Two angles, ans. d. -> The area and one angle

CQI Primer, 000, October, 2011

Intro-3 000 <started selling September 29, 2011>

CQI Solutions Text

CQI Solutions, 003, September 27, 2012

Intro-3 002 -> 003

136 <Q8.18> $P(Z \geq 2.165) = 1.52\%$ $P(Z \geq 2.990) = 0.14\%$

CQI Solutions, 002, March 22, 2012

Intro-3 001 -> 002

45 <Q3.12> NCLS -> NCSL

86 <Q5.6> distractors -> distracters

111 <Q7.10> judgement -> judgment

122 <Q7.45> Ultrasonics -> Ultrasonic

149 <Q9.11> c.harts -> charts

150 <Q9.12> distractor -> distracter <Q9.14> checksheets -> check sheets

152 <Q9.19> becomer -> become

156 <Q9.30> fuction -> function

CQI Solutions, 001, January 24, 2012

1 <Q2.1 Explanation> $A = B^2 + C^2 \rightarrow A^2 = B^2 + C^2$

33 <Q2.60> triangle -> oblique triangle, ans. b -> Two angles, ans. d. -> The area and one angle

CQI Solutions, 000, 2011

Intro-3 000 <started selling September 29, 2011>

CQI Exam CD

CQI Exam, Install 6.11, Program 4.0.6, Database 2.0.0, April 11, 2013

ID-816 <Corrected stress-strain curve and following paragraph, E, P were switched>

CQI Exam, Install 6.10, Program 4.0.6, Database 2.0.0, October 5, 2012

<multiple minor changes>

CQI Exam, Install 6.09, Program 4.0.6, Database 2.0.0, March 22, 2012

Spelling corrections made in the following questions:

ID-206, ID-270, ID-305, ID-371, ID-372, ID-374, ID-379, ID-390, ID-416, ID-430, ID-453, ID-457, ID-469, ID-626, ID-646, ID-652, ID-666, ID-686, ID-691, ID-742, ID-752, ID-759, ID-762, ID-791, ID-795, ID-817, ID-821, ID-878, ID-901, ID-902, ID-907, ID-922, ID-935, ID-955, ID-977

CQI Exam, Install 6.08, Program 4.0.6, Database 2.0.0, February 29, 2012

ID-38 Answer c -> Answer C

ID-398 <computer answer c -> answer a>

ID-703 <computer answer b -> answer a>

ID-716 <computer answer d -> answer a>

ID-769 <reworded entire question>

CQI Exam, Install 6.07, Program 4.0.6, Database 2.0.0, February 27, 2012

ID-821 quesrion -> question

ID-843 mearurement -> measurement

CQI Exam, Install 6.06, Program 4.0.6, Database 2.0.0, February 22, 2012

ID-789 There is a down arrow, the sample size increases to 50, answer b -> c

Quality Council of Indiana - Certified Quality Inspector (CQI)

CQI Exam, Install 6.05, Program 4.0.6, Database 2.0.0, February 1, 2012
ID-768 attiributes -> attributes

CQI Exam, Install 6.04, Program 4.0.6, Database 2.0.0, January 24, 2012
ID-1 <Q2.1 Explanation> $A = B^2 + C^2 \rightarrow A^2 = B^2 + C^2$
ID-60 <Q2.60> triangle -> oblique triangle, ans. b -> Two angles, ans. d. -> The area and one angle

CQI Exam, Install 6.03, Program 4.0.6, Database 2.0.0, September 15, 2011

CQI Instructor

CQI Instructor PDF, 010, Install 6.03, Adobe 9.0, April 10, 2013

Intro-1 (1) 005 -> 010
VII-44 (349) <Corrected stress-strain curve and following paragraph, E, P were switched>

CQI Instructor PDF, 005, Install 6.02, Adobe 9.0, May 10, 2012

Intro-1 (1) 000 -> 005
II-3 (22) 3-1/4 -> 3-1/2

CQI Instructor, 004, Install 6.01, Adobe 9.0, March 23, 2012

Intro-1 (1) 000 -> 004
I-3 (10) et.al. -> et al.
VII-17 (298) Checksheet -> Check Sheets
VII-18 (300) recorded the -> record the
VII-29 (319) useability -> usability
IX-61 (576) Checksheet -> Check Sheets
IX-62 (577) Checksheet -> Check Sheets

CQI Instructor, 000, Install 6.00, Adobe 9.0, September 29, 2011

Intro-1 (1) 001

Quality Council of Indiana - Certified Quality Improvement Associate (CQIA)

CQIA Primer, 4th Edition, February, 2014

CQIA Primer, 001, June 3, 2014

Intro-3 000 -> 001

II-41/46, III-43/48, IV-17/20, V-27/30, VI-33/36, VII-43/46, VIII-53/56, IX-51/58, X-11/12

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CQIA Primer, 000, February 24, 2014

Intro-3 000 <initial release of 4th edition>

CQIA Solutions Text, 4th Edition, February, 2014

CQIA Solutions, 000, February 24, 2014

Intro-3 000 <initial release of 4th edition>

CQIA Exam CD, 4th Edition, February, 2014

CQIA Exam, Install 6.00, Program 4.0.6, Database 2.0.1, February 12, 2014

<initial release of 4th edition>

CQIA Instructor, 4th Edition, February, 2014

CQIA Instructor PDF, 000, install 4.00, February 12, 2014

Intro-1 (1) 000 <initial release of 4th edition>

Quality Council of Indiana - Certified Quality Process Analyst (CQPA)

CQPA Primer, 3rd Edition, September, 2013

CQPA Primer, 002, June 2, 2014

Intro-3 001 -> 002

II-63/68, III-53/56, IV-79/86, V-49/52, VI-31/34, VII-93/98, VIII-67/72, IX-29/32, X-33/34

THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CQPA Primer, 001, June 19, 2013

Intro-3 000 -> 001

Intro-5 <minor page number change>

II-28 to 33 <header> AUDITS -> QUALITY AUDITS

VIII-32 to 37 <header> PRODUCT PROCESS -> PRODUCT & PROCESS

CQPA Primer, 000, June 12, 2013

Intro-3 000 <Initial release of 3rd Edition>

CQPA Solutions Text

CQPA Solutions, 001, June 14, 2013

Intro-3 000 -> 001

31 <Q3.27> address -> addressed

53 <Q4.55> TL -> T_L

56 <minor change>

73 <Q5.20> (0.9)¹⁰ -> (0.9)¹⁰

101 <Q7.10> 25 -> 2⁵

CQPA Solutions, 000, June 12, 2013

Intro-3 000 <Initial release of 3rd Edition>

CQPA Exam CD

CQPA Exam, Install 4.00, Program 4.0.6, Database 2.0.0, June 14, 2013

CQPA Instructor

CQPA Instructor PDF, 000, Install 3.00, Adobe 9.0, June 19, 2013

Intro-1 000

Quality Council of Indiana - Certified Quality Technician (CQT)

CQT Primer, 7th Edition, October, 2011

CQT Primer, 008, May 23, 2014

Intro-3 007 -> 008

Intro-6 added an alignment comparison

I-9 <Inspection and Test> 21 Questions -> 23 Questions

II-85/88, III-29/32, IV-39/42, V-39/42, VI-63/66, VII-43/46, VIII-35/38, IX-109/114, X-39/42, XI-31/34, XII-43/44 <Header> THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CQT Primer, 007, April 15, 2013

Intro-3 006 -> 007

IX-49 <Corrected stress-strain curve and following paragraph, E, P were switched>

IX-83 <Recreated table, no technical change>

IX-86 <Recreated table, no technical change>

IX-87 <Recreated table, no technical change>

CQT Primer, 006, December 3, 2012

Intro-3 005 -> 006

XI-23 contends -> contended defines -> defined

CQT Primer, 005, October 3, 2012

Intro-3 004 -> 005

V-29 <changed to correct graphic for Points Near or Outside Limits>

CQT Primer, 004, September 17, 2012

Intro-3 003 -> 004

V-24 <2 places> 0 15 10 -> 0 5 10

V-25 <2 places> 0 15 10 -> 0 5 10

CQT Primer, 003, May 30, 2012

Intro-3 002 -> 003

CQT Primer, 002, March 21, 2012

Intro-3 001 -> 002

Intro-5 checksheets -> check sheets

I-3 et.al -> et al.

II-72 judgement -> judgment

II-85 <Q2.2> judgement -> judgment

III-29 <Q3.10> checksheet -> check sheet

III-31 <Q3.23> <Q3.31> checksheet -> check sheet

VI-34 Sonadur -> Sonodur

VI-48 trigometric -> trigonometric

VI-64 <Q6.15> judgement -> judgment

VII-26 Dodson (1998) -> (Dodson, 1998)

IX-22 Checksheet -> Check Sheet

IX-25 Checksheet -> Check Sheet

IX-95 Juran (1999) -> (Juran, 1999)

IX-101 nonconformancies -> nonconformances

XI-32 <Q11.17> noncompetitive -> noncompetitive

XII-31 Checksheets -> Check sheets

XII-36 Nonompliance -> Noncompliance

XII-38 checksheets -> check sheets

XII-39 Recording checksheets -> Recording check sheets

CQT Primer, 001, September 29, 2011

Intro-3 000 -> 001

IX-113 8.54 -> 9.54

CQT Primer, 000, October, 2011 (released September 2011)

Quality Council of Indiana - Certified Quality Technician (CQT)

Intro-3 000

CQT Solutions Text

CQT Solutions, 002, March 21, 2012

Intro-3 001 -> 002

Spelling corrections made in the following questions:

Q2.2, Q2.8, Q3.10, Q3.23, Q3.31, Q5.22, Q6.15, Q8.6, Q11.17, Q11.23

CQT Solutions, 001, September 29, 2011

Intro-3 000 -> 001

122 8.54 -> 9.54

CQT Solutions, 000, September 28, 2011

Intro-3 000

CQT Exam CD

CQT Exam, Install 5.08, Program 4.0.6, Database 5.0.4, November 30, 2012

ID-554 Answer C -> Answer B

CQT Exam, Install 5.07, Program 4.0.6, Database 5.0.4, June 14, 2012

ID-509 Method -> Median

CQT Exam, Install 5.06, Program 4.0.6, Database 5.0.4, June 1, 2012

ID-932 Answer B is correct -> Answer A is correct

CQT Exam, Install 5.05, Program 4.0.6, Database 5.0.4, May 8, 2012

ID-443 Answer D -> Answer A

CQT Exam, Install 5.04, Program 4.0.6, Database 5.0.4, March 21, 2012

Spelling corrections made in the following questions:

ID-2, ID-8, ID-9, ID-58, ID-71, ID-79, ID-146, ID-175, ID-234, ID-381, ID-387, ID-403, ID-406, ID-410, ID-430, ID-460, ID-465, ID-472, ID-479, ID-498, ID-500, ID-504, ID-508, ID-510, ID-513, ID-520, ID-565, ID-664, ID-710, ID-732, ID-736, ID-738, ID-740, ID-932, ID-965, ID-993

CQT Exam, Install 5.02, Program 4.0.6, Database 5.0.2, November 28, 2011

ID-571 remaining. -> remain. This question can also be solved using the multiplicative probability law for three independent events. <add page> and 29.

ID-612 is senseless filler -> is a distracter choice

ID-858 <add> or πr^2 . This area formula is not in the CQT Primer.

CQT Exam, Install 4.02, Program 4.0.6, Database 5.0.1, August 18, 2011

CQT Instructor

CQT Instructor PDF, 007, Install 4.02, Adobe 9.0, April 15, 2013

Intro-1 (1) 002 -> 007

IX-49 (416) <Corrected stress-strain curve and following paragraph, E, P were switched>

IX-83 (453) <Recreated table, no technical change>

IX-84 (454) <Recreated table, no technical change>

IX-86 (456) <Recreated table, no technical change>

IX-87 (457) <Recreated table, no technical change>

CQT Instructor, 002, Install 4.01, Adobe 9.0, March 21, 2012

Intro-1 (1) 001 -> 002

Intro-4 (4) checksheets -> check sheets

VI-34 (266) Sonadur -> Sonodur

VI-47 (279) trigometric -> trigonometric

IX-22 (388) Checksheet -> Check Sheet

IX-24 (391) Checksheet -> Check Sheet

Quality Council of Indiana - Certified Quality Technician (CQT)

CQT Instructor, 001, Install 4.00, Adobe 9.0, September 29, 2011
Intro-1 (1) 001

Quality Council of Indiana - Certified Reliability Engineer (CRE)

CRE Primer, 4th Edition, October 1, 2009

CRE Primer, 018, June 3, 2014

Intro-3 017 -> 018

II-131/136, III-103/106, IV-101/104, V-93/98, VI-61/68, VII-91/96, VIII-67/70, IX-49/54, X-43/44

THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CRE Primer, 017, September 12, 2013

Intro-3 016 -> 017

VIII-23 <parallel equation numerator> μ_i -> λ_i

CRE Primer, 016, November 29, 2012

Intro-3 015 -> 016

V-27 has stated -> stated is that -> was that

V-38 describes -> described

V-39 I=1 -> i=1 I=2 -> i=2

CRE Primer, 015, October 17, 2012

Intro-3 014 -> 015

VIII-28 1/MTTR -> t/MTTR

X-44 <Q9.41> b -> a

CRE Primer, 014, September 27, 2012

Intro-3 013 -> 014

II-135 <Q2.40a> Gembo -> Gemba

V-98 <Q5.60c> can not -> cannot

VII-93 <Q7.24a> A electrical -> An electrical

VIII-67 <Q8.4> is best -> are best

CRE Primer, 013, September 20, 2012

Intro-3 012 -> 013

multiple <minor clean-up>

CRE Primer, 012, February 22, 2012

Intro-3 011 -> 012

II-70 <Fig 2.16 add> <A> \$50,000 initial investment \$30,000 initial investment

II-70 onetime deliveries -> on time deliveries

VIII-48 <in equation> T_p -> T

VIII-62 <Example 8.21> $135.14/0.3995 = 338.3$ -> $150/0.3522 = 425.9$ hours

VIII-63 <bottom goes to VIII-64> Spare Parts Requirements ...

VIII-64 <top comes from VIII-63> Spare Parts Requirements ...

CRE Primer, 011, December 5, 2011

Intro-3 010 -> 011

III-57 <2nd eq> 0.2^0 -> 0.2^1 <3rd eq> 0.2^0 -> 0.2^2

IV-20 <Ex 4.14> $0.054 - 0.050$ -> $0.54 - 0.50$

VI-52 $f(t) = e^{-(\lambda)t}$ -> $f(t) = \lambda e^{-(\lambda)t}$

VIII-9 FEMA -> FMEA,

IX-24 $\ln t_2 - t_1$ -> $\ln t_2 - \ln t_1$

CRE Primer, 010, November 2, 2011

Intro-3 009 -> 010

III-104 <Q3.19a> trend of 6 points -> trend of 5 points

CRE Primer, 009, September 23, 2011

Intro-3 008 -> 009

Q3.5 replaced with new question since it was a duplicate of Q8.10

Numerous small improvements throughout the Primer

Quality Council of Indiana - Certified Reliability Engineer (CRE)

CRE Primer, 008, February 8, 2011

Intro-3 007 -> 008
V-38 A_0 -> A <tolerance> A -> A_0 <functional>

CRE Primer, 007, December 10, 2010

Intro-3 006 -> 007
III-26 <Example 3.25> $t < 200$ -> $t < 2$

CRE Primer, 006, December 3, 2010

Intro-3 005 -> 006
IV-84 weights of hamburgers from three different companies -> outputs of three machines
IV-85 weights of hamburgers from three different companies -> machine means
Company -> Machines

CRE Primer, 005, October 6, 2010

Intro-3 004 -> 005
V - 93 <Q5.6.> the theory that the rate of chemical reaction doubles for each 10° C rise in operating temperature. -> a model which indicates chemical activity is a function of temperature.
V - 96 <Q5.36> The effect of when faults do occur, they do not have significant effects on the system, is a description of: -> When faults occur that do not have a significant effect on a system is a short description of:
X-44 <Q9.30> c -> b

CRE Primer, 004, August 2, 2010

Intro-3 003 -> 004
IX-21 <Example 9.1 add> There were 13 unfailed slides when the test was suspended at 6,000 cycles.
IX-22 <Table 9.13 add row> 7 A 6000 32.8%
IX-23 <Changed graphic and modified explanation> Maximum likelihood estimation (MLE) was used to analyze the data. The graph beta, β , (slope) is 1.713. The eta, η , (characteristic life) is 9,795 cycles,
IX-24 <changed to show using MLE with beta of 1.713, explained difference from graph>
IX-25 <changed to> 1% 668 cycles and 95% 18,585 cycles

CRE Primer, 003, November 20, 2009

Intro-3 002 -> 003
III-25 <first equation> $a/x \, dx$ -> a/x
III-44 shape -> scale <add> The scale parameter is sometimes referred to as the shape parameter.
III-46 ϕ -> Φ
IV-34 <adjusted chart equation font>
VI-56 $n = 2$ -> $n = 25$
VII-75 <second equation> $1/A_f - t/A_f$
VII-76 5 at 180 volts -> 5 at 200 volts
VII-82 under normal conditions -> under stress conditions

CRE Primer, 002, September 9, 2009

Intro-3 001 -> 002
III-69 points for $n < 40$ -> points for $n < 30$ <delete> implied by Table J of
III-103 <Q3.4> 0.818 -> 0.624
III-106 <Q3.37> n tests with f failures is -> n samples with f failures in the samples is

CRE Primer, 001, August 20, 2009

Intro-3 000 -> 001
VI-67 <Q6.49> <added graphic from Q6.51, which was missing>

CRE Primer, 000, October 1, 2009, started shipping on August 19, 2009

Quality Council of Indiana - Certified Reliability Engineer (CRE)

Intro-3 000

CRE Solutions Text, 2009

CRE Solutions, 015, July 10, 2013

Intro-3 014 -> 015
31 <Q3.26> 550/1030 -> 548/1030

CRE Solutions, 014, February 21, 2013

Intro-3 013 -> 014
140 <Q7.30> <revised format of Step 2 equation, no change in answer>

CRE Solutions, 013, September 27, 2012

Intro-3 012 -> 013
86 <Q5.60> judgement -> judgment

CRE Solutions, 012, September 27, 2012

Intro-3 011 -> 012
3 <Q2.8> the an item -> that an item
16 <Q2.40a> Gembo -> Gemba
17 <Q2.45> choice answer -> choices answer
25 <Q3.13> describe -> describes
37 <Q3.39a> misjudgements -> misjudgments
64 <Q5.6> It's numerical -> Its numerical
86 <Q5.60c> can not -> cannot judgement -> judgment
90 <Q6.7> configuration.. -> configuration.
107 <Q6.32> can not -> cannot
125 <Q6.59> a calculations -> calculations
135 <Q7.19> require -> required
136 <Q7.22> therefor -> therefore
137 <Q7.24a> A electrical -> An electrical
147 <Q7.49> parts are -> parts is
155 <Q8.4> is best -> are best
183 <Q9.33> can not -> cannot

CRE Solutions, 011, September 20, 2012

Intro-3 010 -> 011
multiple pages <deleted "and logic" and updated question exam source>

CRE Solutions, 010, November 2, 2011

Intro-3 009 -> 010
28 <Q3.19a> trend of 6 points -> trend of 5 points

CRE Solutions, 009, October 3, 2011

Intro-3 008 -> 009
Q3.5 replaced with new question since it was a duplicate of Q8.10

CRE Solutions, 008, October 5, 2010

Intro-3 007 -> 008
26 <Q3.15> $\exp \{-\lambda * \lambda^2 / 2!\} \rightarrow \{\exp (-\lambda)\} * \{\lambda^2 / 2!\} = \{\exp (-0.472)\} * \{0.472^2 / 2!\}$
60 <Q4.37> <reworded explanation to show why Factor B is the most significant>
64 <Q5.6.> the theory that the rate of chemical reaction doubles for each 10° C rise in operating temperature. -> a model which indicates chemical activity is a function of temperature.
76 <Q5.36> The effect of when faults do occur, they do not have significant effects on the system, is a description of: -> When faults occur that do not have a significant effect on a system is a short description of:
182 <Q9.30> Answer c is correct. -> Answer b is correct.

Quality Council of Indiana - Certified Reliability Engineer (CRE)

CRE Solutions, 007, February 16, 2010

Intro-3 006 -> 007
95 = $(0.95)(1.0)(1-U_{BCEF}) + (0.05)(R_{DEF})$ -> = $(0.95)(1-U_{BCEF}) + (0.05)(R_{DEF})$

CRE Solutions, 006, January 29, 2010

Intro-3 005 -> 006
19 to 38 <header> SECTION IV -> SECTION III
172 to 188 <header> SECTION VII -> SECTION IX

CRE Solutions, 005, October 13, 2009

Intro-3 004 -> 005
86 <Q5.60 Solution> always quantitative since -> always qualitative since

CRE Solutions, 004, September 9, 2009

Intro-3 003 -> 004
20 <Q3.4> 0.818 -> 0.624
36 <Q3.37> n tests with f failures is -> n samples with f failures in the samples is

CRE Solutions, 003, August 25, 2009

Intro-3 002 -> 003
40 <Q4.4> Sections XI -> Sections IV
107 <Q6.32> Section IV -> Section VI
118 <Q6.48> Sections IV -> Sections VI
149 <Q7.53> Sections VI -> Sections VII

CRE Solutions, 002, August 24, 2009

Intro-3 001 -> 002
36 <Q3.37 is wrong question, replaced with correct question and explanation>
101 <Q6.22> <add> Solution:
125 <Q6.59> Section IV -> Section VI
171 <Q8.39> Section VII -> Section VIII

CRE Solutions, 001, August 20, 2009

Intro-3 000 -> 001
119 <Q6.49> <added graphic from Q6.51, which was missing>

CRE Solutions, 000, 2009, Started shipping on August 19, 2009

Intro-3 000

CRE Exam CD

CRE Exam, Install 4.16, Program 4.0.6, Database 3.0.0, July 11, 2013

ID-54 <Q3.26> 550/1030 -> 548/1030

CRE Exam, Install 4.15, Program 4.0.6, Database 3.0.0, February 21, 2013

<change ID not identified>

CRE Exam, Install 4.14, Program 4.0.6, Database 3.0.0, September 27, 2012

<change ID not identified>

CRE Exam, Install 4.13, Program 4.0.6, Database 3.0.0, November 1, 2011

ID-67 <a> trend of 6 points -> trend of 5 points

CRE Exam, Install 4.12, Program 4.0.6, Database 3.0.0, October 3, 2011

ID-53 <replaced with new question since it was a duplicate of Q8.10>

CRE Exam, Install 4.11, Program 4.0.6, Database 3.0.0, October 6, 2010

ID-63 <Q3.15> $\exp\{-\lambda * \lambda^2 / 2!\}$ -> $\{\exp(-\lambda)\} * \{\lambda^2 / 2!\} = \{\exp(-0.472)\} * \{0.472^2 / 2!\}$

ID-125 <Q4.37> <reworded explanation to show why Factor B is the most significant>

Quality Council of Indiana - Certified Reliability Engineer (CRE)

- ID-134 <Q5.6.> the theory that the rate of chemical reaction doubles for each 10° C rise in operating temperature. -> a model which indicates chemical activity is a function of temperature.
- ID-164 <Q5.36> The effect of when faults do occur, they do not have significant effects on the system, is a description of: -> When faults occur that do not have a significant effect on a system is a short description of:
- ID-382 <Q9.30> Answer c is correct. -> Answer b is correct.

CRE Exam, Install 4.09, Program 4.0.6, Database 3.0.0, February 11, 2010

- ID-54 Union and Intersection symbols
- ID-224 RA RB RC RD etc - RA RB etc.
- ID-250 <Answer D> v -> 75
- ID-375 <Answer D> v -> Improve by using pertinent and valid data
- ID-721 I -> <lambda>
- ID-731 <equations> I -> <lambda>
- ID-759 <equations> I -> <lambda>
- ID-851 <degree symbol> is incorrect

CRE Exam, Install 4.05, Program 4.0.6, Database 3.0.0, November 19, 2009

- ID-660 <Deleted reference to previous question>
- ID-647 Answer D -> Answer C
- ID-774 <Modified answers, it had two correct answers>
- ID-886 <Totally reworded question>

CRE Exam, Install 4.04, Program 4.0.6, Database 3.0.0, October 19, 2009

- ID-145 <changed answer choice D> V -> 1.030
- ID-627 <changed correct answer from A to B>
- ID-807 <changed correct answer from C to B>
- ID-977 <changed correct answer from C to A>

CRE Exam, Install 4.03, Program 4.0.6, Database 3.0.0, October 12, 2009

- ID-188 <Q5.60 Solution> always quantitative since -> always qualitative since

CRE Exam, Install 4.02, Program 4.0.6, Database 3.0.0, October 5, 2009

- ID-393 <corrected question>
- ID-474 <corrected question>

CRE Exam, Install 4.01, Program 4.0.6, Database 3.0.0, August 25, 2009

CRE Instructor

CRE Instructor PDF, 017, Install 1.03, Adobe 9.0, September 12, 2013

- Intro-1 (1) 011 -> 017
- II-135 (184) <Q2.40a> Gembo -> Gemba
- V-38 (446) describes -> described
- VII-93 (674) <Q7.24a> A electrical -> An electrical
- VIII-23 (709) <parallel equation numerator> μ_i -> λ_i

CRE Instructor, 011, Install 1.02, Adobe 9.0, December 5, 2011

- Intro-1 (1) 010 -> 011
- III-103 (295) Q3.5 replaced with new question since it was a duplicate of Q8.10
- VI-52 (554) $f(t) = e^{(-\lambda)t}$ -> $f(t) = \lambda e^{(-\lambda)t}$

CRE Instructor, 010, Install 1.01, Adobe 9.0, November 1, 2011

- Intro-1 (1) 009 -> 010
- IV-8 (310) <first equation> χ -> X
- IV-9 (312) <both equations> χ -> X
- IV-11 (313) <both equations> χ -> X <2nd eq, right term> $2r+2$ -> $2r$
- IV-22 (325) <equation> χ -> X

Quality Council of Indiana - Certified Reliability Engineer (CRE)

IV-23 (327) <equation> χ -> X
IV-24 (328) <equation> χ -> X
IV-26 (330) <equation> χ -> X
IV-40 (343) <equation> χ -> X
IV-82 (377) <resized equation>
IV-89 (382) <corrected text font size>
IV-92 (385) <corrected equation font size>

CRE Instructor, 009, Install 1.00, Adobe 9.0, October 5, 2011
Intro-1 (1) 009 Initial release of the CRE Instructor

CSQE Primer, 4th Edition, October 13, 2008

CSQE Primer, 010, June 5, 2014

Intro-3 009 -> 010

II-159/162, III-97/102, IV-161/166, V-79/84, VI-89/94, VII-85/90, VIII-79/82, IX-21/22

THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

CSQE Primer, 009, May 13, 2013

Intro-3 008 -> 009

IX-22 Q7.29 c -> b, Q7.39 d -> c

CSQE Primer, 008, December 3, 2012

Intro-3 007 -> 008

VI-7 reverse -> inverse calls -> called

CSQE Primer, 007, November 13, 2012

Intro-3 006 -> 007

II-162 <Q2.31> include -> includes

III-99 <Q3.34>improvements. -> improvements?

III-101 <Q3.50>audit: -> audit?

IV-165 <Q4.55>pilot). -> pilot)? <Q4.56>are -> is

V-79 <Q5.1> its -> it's

VI-45 <figure 6.13> C -> A

VI-93 <Q6.48> useability -> usability

VII-87 <Q7.25> an entry -> entry

VII-88 <Q7.39> unanticipated -> few resources -> prompt resource

VIII-79 <Q8.4> replaced question

VIII-80 <Q8.18> replaced question <Q8.20> replaced question

VIII-81 <Q8.24> replaced question

VIII-82 <Q8.33> replaced question <Q8.40> replaced question

IX-22 7.29 b -> c 8.20 c -> b 8.24 b -> a

CSQE Primer, 006, March 11, 2010

Intro-3 005 -> 006

VII-53 p = number of unconnected parts of the graph -> P = number of connected components
For a single program, p is always equal to 1

CSQE Primer, 005, February 3, 2010

Intro-3 004 -> 005

II-162 <Q2.37> to process -> to possess

IV-27 Iteration -> Iteration

CSQE Primer, 004, May 28, 2009

Intro-3 003 -> 004 <delete> Taz Daughtrey,

IX-2 <delete> Daughtrey, T. Intro-3

CSQE Primer, 003, December 8, 2008

Intro-3 002 -> 003

Multiple small changes throughout the entire CSQE Primer

CSQE Primer, 002, November 12, 2008

Intro-3 001 -> 002

Intro-7 <4 places> REQUIREMENT -> REQUIREMENTS

I-3 training, and to -> training and to

I-4 Bowyer, K. W., -> Bowyer, K. W.

I-18 Revised (2001) -> Revised 2001

III-15 "Software ... Plan" -> Software ... Plan "mean ... failure" -> mean ... failure

IV-49 to IV-154 <in header remove two space characters next to />

IV-162 <Q4.12 to Q4.22 renumbered to Q4.13 to Q4.23>

Quality Council of Indiana - Certified Software Quality Engineer (CSQE)

IV-163 <Q4.23 to Q4.32 renumbered to Q4.24 to Q4.33>
IV-164 <Q4.33 to Q4.44 renumbered to Q4.34 to Q4.45>
IV-165 <Q4.45 to Q4.51 renumbered to Q4.46 to Q4.52>
V-2 to V-74 <in header remove two space characters next to />
VIII-16 test and deploy -> test, and deploy
VIII-17 more efficient -> more efficient.
VIII-18 <removed italics> who, what, when, and where
on-line -> online data bases -> databases
VIII-20 cases the -> cases, the documentation if -> documentation, if
VIII-21 for actual -> for the actual versions items -> versions/items
VIII-25 of a product -> of product
VIII-26 audit. -> audits. SCIs. -> SCIs
VIII-30 (i.e. label -> (i.e., label
VIII-31 on-line -> online
VIII-33 "revision" -> revision "bug fixing." -> bug fixing.
VIII-34 (i.e. new -> (i.e., new (e.g. Code ... CMS)) -> e.g., Code ... CMS)
VIII-45 "trade-off" -> trade-off "engineering ... proposal." -> engineering ... proposal
IX-21 <IV.20> a -> c

CSQE Primer, 001, November 5, 2008

Intro-3 000 -> 001

Intro-7 SMC RATIONALE -> SCM RATIONALE SMC DEFINITIONS -> SCM DEFINITIONS

CSQE Primer, 000, Release date October 13, 2008

Intro-3 000

CSQE Solutions Text

CSQE Solutions Text, 003, , November 13, 2012

Intro-3 002 -> 003

Multiple small changes

CSQE Solutions Text, 002, , December 8, 2008

Intro-3 001 -> 002

Multiple small changes

CSQE Solutions Text, 001, November 12, 2008

Intro-3 000 -> 001

45 <Q4.20> Answer a -> Answer c

CSQE Solutions Text, 000, Release date October 13, 2008

Intro-3 000

CSQE Exam CD

CSQE Exam, Install 5.03, Program 4.0.6, Database 2.0.1 June 8, 2009

ID-983 Answer B Parallel build -> Distributed build <2 places>

CSQE Exam, Install 5.02, Program 4.0.6, Database 2.0.0 April 20, 2009

<Corrected database>

CSQE Exam, Install 5.01, Program 4.0.6, Database 2.0.0 April 15, 2009

<New program, did not change database> (database is April 15, 2009)

CSQE Exam, Install 4.07, Program 3.0.2, December 29, 2008

ID-443 Answer B is correct -> Answer C is correct

ID-447 Answer C is correct -> Answer B is correct

ID-482 Answer C is the correct -> Answer B is the correct

ID-765 Answer D is correct -> Answer B is correct

ID-826 software measurement. -> software measurements.

Quality Council of Indiana - Certified Software Quality Engineer (CSQE)

ID-946 Answer C is correct -> Answer D is correct

CSQE Exam, Install 4.06, Program 3.0.2, December 10, 2008
<a few minor question changes>

CSQE Exam, Install 4.05, Program 3.0.2, November 11, 2008
ID-125 <Q4.20> Answer a -> Answer c

CSQE Exam, Install 4.04, Program 3.0.2, October 13, 2008

CSQE Instructor

CSQE Instructor, 006, Install 3.01, Adobe 9.0, March 11, 2010

Intro-1 (1) 003 -> 006

IV-27 (459) Iteration -> Iteration

VII-53 (1075) p = number of unconnected parts of the graph -> P = number of connected components
For a single program, p is always equal to 1

CSQE Instructor, 003, Install 3.0, Adobe 9.0, December 11, 2008

Intro-1 (1) 003 Initial release of Instructor

Quality Council of Indiana - Certified Six Sigma Black Belt (CSSBB)

CSSBB Primer, 3rd Edition, August, 2012

CSSBB Primer 007, July 15, 2014

Intro-3 006 -> 007
III-21 <interest> I -> i
III-22 <interest> I -> i
III-23 <interest> I -> i

CSSBB Primer 006, May 20, 2014

Intro-3 005 -> 006
IV-24 identify -> identity
VIII-91 <SD sigma> 1.61 and several numbers (6) in columns F and G.
XII-12 <sigma hat>
II-65/66, III-35/36, IV-75/78, V-59/62, VI-95/98, VII-79/82, VIII-149/154, IX-79/84, X-67/72, XI-49/50,
XII-31/32 <Add to header> THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ
CERTIFICATION EXAM

CSSBB Primer, 005, October 17, 2013

Intro-3 004 -> 005
VII-14 means are different -> medians are different

CSSBB Primer, 004, September 17, 2013

Intro-3 003 -> 004
XII-32 <Q7.14> b -> a

CSSBB Primer, 003, May 13, 2013

Intro-3 002 -> 003
VII-67 indices does not -> indices do not
VII-79 <Q7.9> scale -> shape
IX-47 <updated takt definition, added taktstock>
X-69 <Q10.20a> 6 consecutive -> 5 consecutive
X-72 <Q10.53b> input variables -> variables

CSSBB Primer, 002, November 30, 2012

Intro-3 001 -> 002
II-19 is currently -> was is called -> was called quality is -> quality was
II-20 feels -> felt
XI-22 Taguchi has -> Taguchi
XI-26 describes -> described

CSSBB Primer, 001, September 13, 2012

Intro-3 000 -> 001
X-33 <2 figures> 0 15 10 -> 0 5 10
X-34 <2 figures> 0 15 10 -> 0 5 10

CSSBB Primer, 000, August, 2012

Intro-3 000

CSSBB Solutions Text

CSSBB_Solutions, 002, May 13, 2013

Intro-3 001 -> 002
63 <Q7.9> scale -> shape
115 <Q9.22 reworded question>
139 <Q10.20a> 6 consecutive -> 5 consecutive
152 <Q10.53b> input variables -> variables

CSSBB_Solutions, 001, Feb 2, 2013

Intro-3 000 -> 001

Quality Council of Indiana - Certified Six Sigma Black Belt (CSSBB)

CSSBB_Solutions, 000, August, 2012
Intro-3 000 <initial release of 3rd Edition>

CSSBB Exam CD

CSSBB Exam, Install 6.04, Program 4.0.6, Database 2.0.1 May 13, 2013

ID-172 <Q7.9> scale -> shape
ID-286 <Q9.22> <modified slightly>
ID-345 <Q10.20a> 6 consecutive -> 5 consecutive
ID-378 <Q10.53b> input variables -> variables
ID-659 <remove stratified data>
ID-712 <Modify answer D to include corrective action>
ID-797 environmental -> environment
ID-821 IX-55 -> IX-47
ID-885 <Answer D modified>
ID-970 VII-3 -> VII-55

CSSBB Exam, Install 6.03, Program 4.0.6, Database 2.0.1 October 4, 2012

ID-668 <answer b -> answer c>

CSSBB Exam, Install 6.02, Program 4.0.6, Database 2.0.1 September 27, 2012

ID-704 <answer c -> answer b>

CSSBB Exam, Install 6.00, Program 4.0.6, Database 2.0.1 August 13, 2012

<initial release of 3rd edition>

CSSBB Instructor

CSSBB Instructor PDF, 006, Install 3.01, Adobe 9.0, May 21, 2014

Intro-1 (1) 000 -> 006
II-20 (40) quality is -> quality was
IV-24 (200) identify -> identity
XI-22 (1018) Taguchi has -> Taguchi
XI-26 (1021) describes -> described
XII-12 (1051) <corrected sigma hat>

CSSBB Instructor PDF, 000, Install 3.00, Adobe 9.0, August 16, 2012

Intro-1 (1) 000 <initial release 3rd edition>

Quality Council of Indiana - Certified Six Sigma Green Belt (CSSGB)

CSSGB Primer, 3rd Edition, May, 2014

CSSGB Primer, 003, July 22, 2014

Intro-3 002 -> 003
Intro-8 <VII Measure> 100 -> 80
XI-2 <add> Lean Control Tools

CSSGB Primer, 002, July 21, 2014

Intro-3 001 -> 002
III-45 <Q3.25 replaced question>
X-53 <Q10.49> adaption -> adoption
XI-54 <Q11.42 replaced question>

CSSGB Primer, 001, May 27, 2014

Intro-3 000 -> 001
II-45/46, III-43/46, IV-67/70, V-83/88, VI-39/42, VII-27/30, VIII-29/32, IX-63/68, X-49/54, XI-51/54,
XII-25/26 THIS PAGE MUST BE REMOVED BEFORE TAKING AND ASQ CERTIFICATION EXAM

CSSGB Primer, 000, April 9, 2014

Intro-3 000 Initial release of 3rd edition.

CSSGB Solutions Text

CSSGB Solutions, 001, July 21, 2014

Intro-3 000 -> 001
16 <Q3.25 replaced question>
139 <Q10.49> adaption -> adoption
157 <Q11.42 replaced question>

CSSGB Solutions, 000, April 9, 2014

Intro-3 000 Initial release of 3rd edition.

CSSGB Exam CD

CSSGB Exam, Install 4.01, Program 4.0.6, Database 2.0.3 July 21, 2014

ID-45 <Q3.25 replaced question>
ID-345 <Q10.49> adaption -> adoption
ID-398 <Q11.42 replaced question>
ID-625 <replaced question>
ID-660 <replaced question>
ID-674 <replaced question>
ID-704 <replaced question>
ID-744 <replaced question>
ID-797 <replaced question>
ID-829 <replaced question>
ID-947 <replaced question>

CSSGB Exam, Install 4.00, Program 4.0.6, Database 2.0.3 April 9, 2014

CSSGB Instructor

CSSGB Instructor PDF, 003, Install 3.01, Adobe 9.0, July 22, 2014

Intro-1 (1) 002-> 003
Intro-8 (6) <VII Measure> 100 -> 80
XI-2 (531) <add> Lean Control Tools

CSSGB Instructor PDF, 002, Install 3.01, Adobe 9.0, July 21, 2014

Intro-1 (1) 000 -> 002
III-45 (104) <Q3.25 replaced question>
XI-54 (597) <corrected numbers Q11.37 Q11.38.>

Quality Council of Indiana - Certified Six Sigma Green Belt (CSSGB)

CSSGB Instructor PDF, 000, Install 3.0, Adobe 9.0, April 9, 2014
Intro-1 (1) 000 Initial release of 3rd edition.

Spanish CSSGB Primer, 1st Edition, October, 2010

Spanish CSSGB Primer, 004, February 23, 2011, Spanish_CSSGB_Primer_2010_004.pdc
Intro-3 003 -> 004
<multiple small changes made to Sections IV, VI, VII, VIII, IX, XI>
<changed alignment of headers>

Spanish CSSGB Primer, 003, February 21, 2011, Spanish_CSSGB_Primer_2010_003.pdc
Intro-3 002 -> 003
<multiple small changes made to Intro, Sections I, II, III, V, VII, X>

Spanish CSSGB Primer, 002, December 15, 2010, Spanish_CSSGB_Primer_2010_002.pdc
Intro-3 001 -> 002
IV-75 <Q4.8d> I, II, II, IV -> I, II, III, IV
V-74 <Q5.20b> 26,600 -> 26,666
VI-43 <Q6.2b> PHVA. -> PDCP
VI-46 <Q6.47c> 84 -> 80 <d> 78 -> 81
VII-28 <Q7.13> verdadero -> verdadero? <d> P(A y B) -> P(A o B)
IX-63 <Q9.7 added> <beta>hat_sub 1
IX-65 <Q9.23> confianza para -> confianza del 95% para
XI-44 <Q11.11> 33,6 -> 33.6 6,20 -> 6.20

CSSGB Primer, 001, October 25, 2010, CSSGB_Primer_2010_001.pdc
Intro-3 001 Initial release = CSSGB Primer 027

Spanish CSSGB Instructor, 1st Edition, October, 2010

Spanish CSSGB Instructor, 002, December 15, 2010, Spanish_CSSGB_Instructor_2010_002.pdc
(1) 001 -> 002
VII-28 (357) <Q7.13> verdadero -> verdadero? <d> P(A y B) -> P(A o B)
IX-63 (474) <Q9.7 added> <beta>hat_sub 1

Spanish CSSGB Instructor, 001, October 18, 2010, Spanish_CSSGB_Instructor_2010_001.pdc
(1) 001 Initial release = CSSGB Instructor 027

Quality Council of Indiana - Certified Six Sigma Yellow Belt (CSSYB)

CSSYB Primer, 1st Edition, July, 2014

CSSYB Primer, 001, July 21, 2014

Intro-3 000 -> 001

I-6/I-12 <minor changes to BoK, Bloom's Taxonomy

V <multiple minor changes in Section V>

CSSYB Primer, 000, July 14, 2014

Intro-3 000 Initial release of 1st edition.

CSSYB Solutions Text

CSSYB Solutions, 000, July 14, 2014

Intro-3 000 Initial release of 1st edition.

CSSYB Exam CD

CSSYB Exam, Install 1.01, Program 4.0.6, Database 2.0.3 July 14, 2014

CSSYB Instructor PDF

CSSYB Instructor PDF, 001, Install 1.01, Adobe 9.0, July 21, 2014

Intro-1 (1) 000 -> 001

I-6 (11) / I-12 (21) <minor changes to BoK and Bloom's Taxonomy

CSSYB Instructor PDF, 000, Install 1.0, Adobe 9.0, July 14, 2014

Intro-1 (1) 000 Initial release of 1st edition.

Quality Council of Indiana - Lean Six Sigma

LSS Primer, 1st Edition, April, 2007

LSS Primer, 016, June 6, 2014

Intro-3 015 -> 016

II-53/56, III-55/58, IV-49/52, V-53/56, VI-61/64, VII-61/66, VIII-73/78, IX-63/68, X-41/44, XII-25/26

THIS PAGE MUST BE REMOVED BEFORE TAKING AN ASQ CERTIFICATION EXAM

LSS Primer, 015, December 3, 2012

Intro-3 014 -> 015

II-35 is currently -> was 1924 -> 1924-2012 is -> was

II-36 feels -> felt

LSS Primer, 014, January 3, 2012

Intro-3 013 -> 014

II-32 (1904 -) -> (1904 - 2008)

<Updated graphic format on the following pages> II-8, II-40, III-4, III-6, III-9, III-25, III-26, III-29, III-38, III-40, III-43, IV-20, IV-25, IV-27, V-8, V-9, V-12, V-14, V-16, V-17, V-18, V-21, V-22, V-44, V-49, V-50, V-53, VI-4, VI-8, VI-41, VI-43, VI-50, VI-51, VI-52, VII-7, VII-8, VII-10, VII-12, VII-13, VII-26, VII-27, VIII-41, VIII-44, VIII-48, VIII-57, VIII-60, VIII-61, IX-13, IX-20, IX-22, IX-34, X-10, X-12, X-14, X-16, XI-2, XI-4, XI-8, XI-12, XI-14, XI-15, XI-48, XII-9, XII-10, XII-11

<Updated equation format on the following pages> III-37, VI-27, VI-28, VI-48, VI-50, VII-52, VII-53, VII-54, VII-55, VII-56, VII-57, VIII-76, IX-43, IX-44, XII-12

LSS Primer, 013, November 9, 2011

Intro-3 012 -> 013

I-1 <deleted> Professional Education Certifications Online

I-2 <deleted> Villanova University on-line ASQ LSS Certification

III-31 Risk Analysis -> Risk Handling Risk Handling -> Risk Monitoring <Frank> 2002 -> 2008

III-32 <Frank> 2002 -> 2008

III-53 <Frank> 2004 -> 2008

VII-29 we want to determine -> one wants to determine

LSS Primer, 012, December 7, 2010

Intro-3 011 -> 012

VIII-21 Prevents quicker -> Permits quicker

LSS Primer, 011, December 3, 2010

Intro-3 010 -> 011

VII-54 weights of hamburgers from three different companies -> outputs of three machines

VII-55 weights of hamburgers from three different companies -> machine means

Company -> Machines

LSS Primer, 010, September 17, 2010

Intro-3 009 -> 010

IX-26 <Updated Figure 9.15 with new chart>

LSS Primer, 009, March 8, 2010

Intro-3 008 -> 009

V-23 <1. paragraph deleted sentence> "American tourists ... Olympic Games approach."

LSS Primer, 008, November 17, 2008

Intro-3 007 -> 008

II-6 SMED/SUD -> SMED/SUR

VI-33 average range method -> average and range method

VII-40 <Example 7.15> $t = 3.256$ -> $t = 3.261$ <clarified explanation>

LSS Primer, 007, March 13, 2008

Intro-3 006 -> 007

Quality Council of Indiana - Lean Six Sigma

VI-10 <Example 6.3> = 100% -> x 100%

LSS Primer, 006, January 15, 2008

Intro-3 005 -> 006

IX-27 <corrected 2 equations to add 3 before sqrt(4.6)>

LSS Primer, 005, September 21, 2007

Intro-3 004 -> 005

VIII-64 pressure and high -> pressure, and high

VIII-65 <corrected> 1104.00 -> 1104.50; 830.27 -> 803.27; 5.50 -> 1.37; 34.7500 -> -34.7500;
2.1940 -> 6.4090; 15.84 -> -5.42; 0.000 -> 0.006; 23.5000 -> 0.7833;
0.8292 -> 0.0276; -6.0000 -> -1.5000; 0.8292 -> 0.2073; 2.0000 -> 1.0000;
0.8292 -> 0.4146 <corrected equation to match above>
<modified wording in last paragraph>

VIII-67 <corrected> 34.0000 -> -36.7500; 23.5000 -> 0.7833; -6.5000 -> -1.6250
2.5000 -> 1.2500 <corrected equation to match above>

LSS Primer, 004, August 27, 2007

Intro-3 003 -> 004

I-12 FEMA -> FMEA

I-18 teacher, or -> teacher or

II-6 Figure 2.3 -> Table 2.3

II-13 Father of Scientific Management -> father of scientific management

II-14 Chief Engineer -> chief engineer <add> In 1927 a second Model A was launched to
meet the features offered by other U.S. competitors.

II-15 King of Inventors -> king of inventors

II-20 <change to italics> The Machine that Changed the World

II-54 <Q2.17> Guiding -> Guiding <para indent Q2.18>

III-7 change of the test -> change or test step 2 and -> step 2, and

III-33/III-52

III-39 First we observe -> First one observes

III-58 <Q3.33> A. -> a. B. -> b. C. -> c. D. -> d.

IV-2 <revised wording in first paragraph, second sentence>

IV-10 specific and timely -> specific, and timely

IV-13 belts or lean -> belts, or lean

IV-19 ideas, comments, and opinions -> ideas and opinions

IV-20 Recommends meeting -> Recommend meeting

IV-30 "If this ... solution." -> if this ... solution?

IV-42 casual and -> casual, and

IV-50 <Q4.15 align c.>

V-11 Have 3" -> Use 3" notes for use -> notes

V-13 4-M or Ishikawa -> 4-M, or Ishikawa

V-25 below current selling prices. -> below the current selling price.

V-30 move it forward -> move a product or activity forward

V-35 reveal significantly -> reveals significantly

V-43 improvement by six sigma teams. -> improvement.

V-47 use the Pareto law -> use Pareto analysis

VI-3 terminology used should also match -> terminology should match

VI-15 <5 places> variables data -> variable data

VI-16 <3 places> variables data -> variable data

so we must -> so one must location of the sales -> locations of the sales

VI-17 <12 places> variables -> variable

can be stated as to how -> can state how

tallies and Pareto -> tallies, and Pareto

samples thus drawn can be -> samples can be

VI-43 You must -> One must that you wish to see. -> that is being used.

Z Value Examples -> Z Value Example

VI-48 be opened, then -> be adjusted, then

Quality Council of Indiana - Lean Six Sigma

 Developing Sampling Plans
VI-62 <Q6.14> incorrect -> INCORRECT
VII-4 always viewed upon for -> always considered for
VII-19 and when SSE -> and SSE
VII-20 coefficient is: -> coefficient, is:
VII-26 and we are generally -> and one is generally
that we have in -> that one has in
VII-41 we may use a p -> one may use a p
VIII-6 What 5S Is Not -> What 5S is Not
VIII-49 we may be able -> one may be able
IX-38 can we expect -> can one expect lines just due -> lines due
IX-39 calculating or -> calculating, or
IX-55 building, and productivity -> building and productivity
IX-57 seasoned manager and -> seasoned professional and
IX-64 <Q9.16a> in 20 -> in 20 plot points
X-8 The existing product -> The product
XI-40 <add horiz line after 2006, follows:>

LSS Primer, 003, July 18, 2007

Intro-3 002 -> 003
II-17 complete -> compete <various comma changes>
II-18 non-valued added -> non-value added
II-56 <Q2.33> Michel Harry -> Mikel Harry
III-56 <Q3.12> <corrected font size>
V-8 Problem -> Problem: Analysis -> Analysis:
V-10 Implement Plan -> Implementation Plan
VII-39 equal to or greater -> greater
VIII-19 Poke-Yoke -> Poka-Yoke
VIII-77 <Q8.50> Kanban -> kanban
IX-8 <11.> key input variable -> key output variable
X-30 <TRIZ in Russian changed character from (10,55) to (10,59)>

LSS Primer, 002, April 18, 2007

Intro-3 001 -> 002
X-28 energy conversation -> energy conservation

LSS Primer, 001, April 16, 2007

Intro-3 000 -> 001
I-2 <move from I-3 Pascal, D. -> Dennis, P.>
I-3 <move from I-2 Harry, M.>
XI-38 Impact -> Cost
XII-13 <move from XII-14 Pascal, D. -> Dennis, P.> <Harry, M.> I-2 -> I-3
XII-14 <delete Pascal, D.> <Schroeder, R.> I-2 -> I-3

LSS Primer, 000, April 2, 2007

Intro-3 <blank> <000 release>

LSS Solutions Text

LSS Solutions, 003, November 17, 2008

Intro-3 002 -> 003
87 <Q7.17> Chi-sqUare test -> Chi-square test t tesT -> t test

LSS Solutions, 002, August 28, 2007

Intro-3 001 -> 002
67 <Q6.14> incorrect -> INCORRECT
129 <Q9.16a> in 20 -> in 20 plot points

LSS Solutions, 001, July 18, 2007

Quality Council of Indiana - Lean Six Sigma

Intro-3 <blank> -> 001
11 <Q2.33> Michel Harry -> Mikel Harry <2 places>
118 <Q8.50> Kanban -> kanban
119 <Q8.53> 8.53. CSSGB Q925 -> 8.53.

LSS Solutions, 000, April 2, 2007
Intro-3 000 <release>

LSS Exam CD

<Not available>

LSS Instructor

LSS Instructor, 013, Install 1.03, November 10, 2011

Intro-1 (1) 012 -> 013
III-31 (134) Risk Analysis -> Risk Handling Risk Handling -> Risk Monitoring <Frank> 2002 -> 2008

LSS Instructor, 012, Install 1.02, December 7, 2010

Intro-1 (1) 010 -> 012
VIII-21 (519) Prevents quicker -> Permits quicker

LSS Instructor, 010, Install 1.01, September 20, 2010

Intro-1 (1) 003 -> 010
II-6 (26) SMED/SUD -> SMED/SUR
IV-30 (219) "If this ... risk it." -> if this ... risk it?
V-11 (264) notes for use -> notes
VI-16 (341) <2 places> variables data -> variable data
VII-40 (471) <Example 7.15> $t = 3.256$ -> $t = 3.261$
VIII-65 (587) <corrected> 1104.00 -> 1104.50; 830.27 -> 803.27; 5.50 -> 1.37
VIII-65 (588) 34.7500 -> -34.7500; 2.1940 -> 6.4090; 15.84 -> -5.42; 0.000 -> 0.006; 23.5000 ->
0.7833; 0.8292 -> 0.0276; -6.0000 -> -1.5000; 0.8292 -> 0.2073; 2.0000 -> 1.0000;
0.8292 -> 0.4146 <corrected equation to match above>
<modified wording in last paragraph>
IX-26 (636) <Updated Figure 9.15 with new chart>
IX-27 (637) <corrected 2 equations to add 3 before $\sqrt{4.6}$ >

LSS Instructor, 003, Install 1.0, August 24, 2007

Intro-1 (1) 003 <initial release>

END OF FILE