

CQI 2018 Primer Changes

General

Replaced all negative questions in Primer, Solution Text, and CD. Adjusted content and questions as noted below:

Section II - Technical Math.

Little change in content. Questions decreased by 1%.

Section III - Metrology

Added force gauging, torque wrenches, hydrometers, chart recorders, data logs, 10:1 rule, linear scales, temperature probes, thermometers, pin gauges, telescoping gauges. Care, cleaning, and lapping of surface plates, visual inspection (white light, blue light), articulating arms, contracers, measuring inclination. Questions decreased by 2%.

Section IV - Calibration

Added material on uncertainty, identification methods, bar codes, identification codes, logs, stickers, radio frequency. Questions decreased by 2%.

Section V - Blueprint Reading

Little change in content. Questions increased by 1%.

Section VI - Sampling

Little change in content. Questions increased by 1%.

Section VII - Inspection & Testing

Added content on poor time management, bar codes, date codes, shelf life, lot and part numbering, optical, visual, and profile measurement, bias error, drop tests, and first article. Questions increased by 1%.

Section VIII - Statistical Applications

No change in content. Questions remained the same.

Section IX - Quality Improvement

Deleted technical reports. Added material on 8D, 5 whys, FTA, ISO 9001, FAIR, ISIR, PPAPs, and Quality Documentation definitions. Questions increased by 2%.

Section III has torque as a force gauging application II.B.4

Section VII has torque as a functionality testing method III.D.3

