ES91M: Product Excellence Using Six Sigma (FT)

FT MSc

View Online

[1]

K. Yang and B. El-Haik, Design for six sigma: a roadmap for product development, 2nd ed. New York: McGraw-Hill, 2009 [Online]. Available: https://go.exlibris.link/bvY9v7KR

[2]

Tennant, Geoff, Design for Six Sigma: launching new products and services without failure . Aldershot: Gower, 2002 [Online]. Available: https://go.exlibris.link/DXHpFDXQ

[3]

Shina, Sammy G., Six sigma for electronics design and manufacturing, vol. McGraw-Hill professional engineering. New York: McGraw-Hill, 2002 [Online]. Available: https://go.exlibris.link/CNkCzRXT

[4]

S. G. Shina, Six Sigma for electronics design and manufacturing, vol. McGraw-Hill professional engineering. New York: McGraw-Hill, 2002 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2558007

[5]

Chowdhury, Subir, The power of design for Six Sigma. [Chicago]: Dearborn Trade, 2003 [Online]. Available: https://go.exlibris.link/p5JMHy2Y

[6]

S. Chowdhury, The power of design for Six Sigma. [Chicago]: Dearborn Trade, 2003 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2885916

[7]

El-Haik, Basem and Shaout, Adnan, Software design for Six Sigma: a roadmap for excellence. Hoboken, N.J.: Wiley, 2010 [Online]. Available: https://go.exlibris.link/TWFBXwyz

[8]

B. El-Haik and A. Shaout, Software design for Six Sigma: a roadmap for excellence. Hoboken, N.J.: Wiley, 2010 [Online]. Available: https://go.exlibris.link/TWFBXwyz

[9]

Roland R. Cavanagh, Robert P. Neuman, and Peter S.Pande, What is design for six sigma? New York: McGraw-Hill, 2005, 2005 [Online]. Available: https://go.exlibris.link/cMbjKcWR

[10]

Cavanagh, Roland R., Neuman, Robert P., and Pande, Peter S., What is design for six sigma? New York: McGraw-Hill, 2005 [Online]. Available: https://go.exlibris.link/cMbjKcWR

[11]

Chowdhury, Subir, The power of Six Sigma: an inspiring tale of how Six Sigma is transforming the way we work. Chicago: Dearborn Trade, 2001 [Online]. Available: https://go.exlibris.link/ZszTYXrH

[12]

S. Chowdhury, The power of Six Sigma: an inspiring tale of how Six Sigma is transforming the way we work. Chicago: Dearborn Trade, 2001 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2886601

[13]

George, Michael L., Rowlands, Dave, and Kastle, Bill, What is Lean Six Sigma? New York: McGraw-Hill, 2004 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2345031

[14]

M. J. Franchetti, Lean Six Sigma for engineers and managers: with applied case studies. Boca Raton: CRC Press Taylor & Francis Group, 2015 [Online]. Available: https://go.exlibris.link/D16w6R9Q

[15]

George, Michael L., Rowlands, Dave, and Kastle, Bill, What is Lean Six Sigma? New York: McGraw-Hill, 2004 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2345031

[16]

Creveling, Clyde M., Slutsky, Jeff, and Antis, D., Design for Six Sigma in technology and product development. Upper Saddle River, N.J.: Prentice Hall, 2003.

[17]

Kailash C. Kapur and Michael Pecht, Reliability engineering, vol. Wiley series in systems engineering and management. Hoboken, New Jersey: Wiley, 2014 [Online]. Available: http://0-onlinelibrary.wiley.com.pugwash.lib.warwick.ac.uk/book/10.1002/9781118841716

[18]

Z. Taylor and S. Ranganathan, Designing high availability systems: design for Six Sigma and classical reliability techniques with practical real-life examples. Hoboken, N. J.: Wiley, 2014 [Online]. Available: https://go.exlibris.link/gh2PPpkJ

[19]

David John Smith, Reliability, maintainability, and risk: practical methods for engineers, 8th ed. Amsterdam ; Boston: Butterworth-Heinemann/Elsevier, 2011 [Online]. Available:

https://encore.lib.warwick.ac.uk/iii/encore/search/C__SReliability%2C%20maintainability%2C%20and%20risk__Ff%3Afacetfields%3Atitle%3Atitle%3ATitle%3A%3A__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0__Ks%402011e%402011?lang=eng&suite=cobalt

[20]

D. H. Stamatis, Failure mode and effect analysis: FMEA from theory to execution, 2nd ed., rev.Expanded. Milwaukee, Wisc: ASQ Quality Press, 2003 [Online]. Available: https://pugwash.lib.warwick.ac.uk/record=b3868024

[21]

Sam C. Saunders, Reliability, life testing and the prediction of service lives: for engineers and scientists, vol. Springer series in statistics. New York: Springer, 2007 [Online]. Available: https://go.exlibris.link/MQsVYfFf

[22]

Sam C. Saunders, Reliability, life testing and the prediction of service lives: for engineers and scientists, vol. Springer series in statistics. New York: Springer, 2007, 2007 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2553877

[23]

Smith, David John, Reliability, maintainability and risk: practical methods for engineers, 8th ed. Amsterdam: Butterworth-Heinemann/Elsevier, 2011 [Online]. Available: https://encore.lib.warwick.ac.uk/iii/encore/search/C__SReliability%2C%20Maintainability%20and%20Risk%20%3A%20Practical%20Methods%20for%20Engineers__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0?lang=eng&suite=cobalt

[24]

King, John P. and Jewett, William S., Robustness development and reliability growth: value-adding strategies for new products and processes. Upper Saddle River, NJ: Prentice Hall, 2010.

[25]

Raheja, Dev and Gullo, Louis J., Design for reliability, vol. Wiley series in quality&reliability engineering. Hoboken, N.J.: Wiley, 2012 [Online]. Available:

https://go.exlibris.link/kG8FwSYL

[26]

D. Raheja and L. J. Gullo, Design for reliability. Hoboken, N.J.: Wiley, 2012 [Online]. Available: https://go.exlibris.link/kG8FwSYL

[27]

Norman Pascoe, Reliability technology: principles and practice of failure prevention in electronic systems, vol. Wiley series on quality&reliability engineering. Chichester, West Sussex, U.K.: Wiley, 2011, 2011 [Online]. Available: http://0-onlinelibrary.wiley.com.pugwash.lib.warwick.ac.uk/book/10.1002/9780470980101

[28]

Bergman, Bo, Robust design methodology for reliability: exploring the effects of variation and uncertainty. Chichester, U.K.: Wiley, 2009 [Online]. Available: https://encore.lib.warwick.ac.uk/iii/encore/search/C__SRobust%20design%20methodology%20for%20reliability%20%3A%20exploring%20the%20effects%20of%20variation%20and%20uncertainty__Ff%3Afacetfields%3Atitle%3Atitle%3ATitle%3A%3A__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0?lang=eng&suite=cobalt

[29]

B. Bergman, Robust design methodology for reliability: exploring the effects of variation and uncertainty. Chichester, West Sussex, U.K.: Wiley, 2009 [Online]. Available: https://go.exlibris.link/j8YL8VrT

[30]

Pascoe, Norman, Reliability technology: principles and practice of failure prevention in electronic systems, vol. Wiley series in quality&reliability engineering. Chichester, West Sussex, U.K.: Wiley, 2011 [Online]. Available: https://encore.lib.warwick.ac.uk/iii/encore/search/C__SReliability%20technology%20%3A%20principles%20and%20practice%20of%20failure%20prevention%20in%20electronic%20systems__Ff%3Afacetfields%3Atitle%3Atitle%3ATitle%3A%3A__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0?lang=eng&suite=cobalt

[31]

P. D. T. O'Connor and A. Kleyner, Practical reliability engineering, 5th ed. Chichester, West Sussex: Wiley, 2012 [Online]. Available: https://go.exlibris.link/F70JysRD

[32]

Joel A. Nachlas, Reliability engineering: probabilistic models and maintenance methods, Second edition. Boca Raton: CRC Press, Routledge, Taylor & Francis Group, 2017 [Online]. Available: https://go.exlibris.link/dgj4vH8h

[33]

S. S. Rao, Reliability engineering. Boston: Pearson, 2015.

[34]

P. D. T. O'Connor and A. Kleyner, Practical reliability engineering, 5th ed. Hoboken, NJ: Wiley, 2012 [Online]. Available: http://WARW.eblib.com/patron/FullRecord.aspx?p=822595

[35]

C. B. Chapman and S. Ward, Project risk management: processes, techniques, and insights, 2nd ed. Hoboken, NJ: Wiley, 2003 [Online]. Available: https://go.exlibris.link/DFQsw0DR

[36]

Chapman, C. B. and Ward, Stephen, Project risk management: processes, techniques, and insights, 2nd ed. Hoboken, NJ: Wiley, 2003 [Online]. Available: http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb2347412

[37]

Hopkin, Paul, Fundamentals of risk management: understanding, evaluating, and implementing effective risk management. London: Kogan Page, 2010 [Online]. Available: https://go.exlibris.link/dPzTVKK0

[38]

Hopkin, Paul, Fundamentals of risk management: understanding, evaluating, and implementing effective risk management. London: Kogan Page, 2010 [Online]. Available: https://go.exlibris.link/dPzTVKK0

[39]

C. B. Chapman, S. Ward, and C. B. Chapman, How to manage project opportunity and risk: why uncertainty management can be a much better approach than risk management, 3rd ed. Chichester, West Sussex: Wiley, 2011 [Online]. Available: https://go.exlibris.link/wSsK9NpW

[40]

Chapman, C. B. and Ward, Stephen, How to manage project opportunity and risk: why uncertainty management can be a much better approach than risk management, 3rd ed. Chichester, West Sussex: Wiley, 2011 [Online]. Available: https://encore.lib.warwick.ac.uk/iii/encore/search/C__S%20How%20to%20manage%20project%20opportunity%20and%20risk%3A%20why%20uncertainty%20management%20can%20be%20a%20much%20better%20approach%20than%20risk%20management__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0?lang=eng&suite=cobalt

[41]

Rausand, Marvin, Risk assessment: theory, methods, and applications, vol. Statistics in practice. Hoboken, N.J.: Wiley, 2011 [Online]. Available: https://go.exlibris.link/2pyhQ6D3

[42]

Y. Akao, Quality function deployment: integrating customer requirements into product design. New York, NY: Productivity Press, 1990 [Online]. Available: https://warwick.summon.serialssolutions.com/#!/search/document?ho=t&include.ft.matches=f&l=en-UK&q=b40910726&id=FETCHMERGED-warwick_catalog_b409107263

[43]

Cohen, Lou, Quality function deployment: how to make QFD work for you, vol. Engineering process improvement series. Reading, Mass: Addison-Wesley, 1995.

[44]

Ficalora, Joseph P. and Cohen, Lou, Quality function deployment and Six Sigma: a QFD handbook, 2nd ed. Upper Saddle River, NJ: Prentice Hall, 2010 [Online]. Available: https://go.exlibris.link/8chRBMfB

[45]

Kai Yang, Voice of the customer: capture and analysis, vol. Six sigma operational methods series. New York: McGraw-Hill, 2008 [Online]. Available: https://go.exlibris.link/6mYVqgkG

[46]

Burgess, John A., Design assurance for engineers and managers, vol. Mechanical engineering. New York: Marcel Dekker, 1984 [Online]. Available: https://go.exlibris.link/yvslRCKy

[47]

O'Connor, Patrick D. T., The practice of engineering management: a new approach. Chichester: Wiley, 1994.

[48]

Bruce, Margaret and Cooper, Rachel, Creative product design: a practical guide to requirements capture management. Chichester: Wiley, 2000 [Online]. Available: https://go.exlibris.link/jkyndYJ7

[49]

A. Kossiakoff, Systems engineering principles and practice, 2nd ed., vol. Wiley series in systems engineering and management. Hoboken, N.J.: Wiley, 2011 [Online]. Available: https://go.exlibris.link/tMMHX6Sg

[50]

Alexander Kossiakoff, Systems engineering: principles and practice, 2nd ed., vol. Wiley series in systems engineering and management. Hoboken, N.J.: Wiley-Interscience, 2011, 2011 [Online]. Available:

https://encore.lib.warwick.ac.uk/iii/encore/search/C__St%3A%28Systems%20engineering%3A%20principles%20and%20practice%29%20a%3A%28Kossiakoff%29__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0?lang=eng&suite=cobalt

[51]

Hartley, John, Concurrent engineering: shortening lead times, raising quality, and lowering costs, 1st paperback ed. Portland, Or: Productivity Press, 1998 [Online]. Available: https://go.exlibris.link/FmzHvzd7

[52]

Magnus Arnér, Statistical robust design: an industrial perspective. Hoboken, NJ: John Wiley & Sons Inc, 2014 [Online]. Available: https://encore.lib.warwick.ac.uk/iii/encore/search/C__SStatistical%20robust%20design%3A%20an%20industrial%20perspective%20__Ff%3Afacetfields%3Atitle%3Atitle%3ATitle%3A%3A__Ff%3Afacetmediatype%3Ah%3Ah%3AE-Book%3A%3A__Orightresult__U__X0__Ks%402014e%402014?lang=eng&suite=cobalt

[53]

Magnus Arner, Statistical robust design: an industrial perspective. Hoboken, NJ: John Wiley & Sond, 2014, 2014 [Online]. Available: https://go.exlibris.link/MByBM5Rg

[54]

'BS EN ISO 9000:2015 Quality management systems. Fundamentals and vocabulary'. BSI, 2015 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[55]

'BS EN ISO 9000-1:1994 Quality management and quality assurance standards. Guidelines for selection and use'. BSI Standards [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[56]

'BS 5760-0:2014 Reliability of systems, equipment and components. Guide to reliability and maintainability'. BSI, 2014 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[57]

'BS 5760-24:2014 Reliability of systems, equipment and components. Guide to the integration of risk techniques in the inspection and testing of complex systems'. BSI, 2014 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[58]

'BS 5760-18:2010 Reliability of systems, equipment and components. Guide to the demonstration of dependability requirements. The dependability case'. BSI, 2010 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[59]

'BS 5760-8:1998 Reliability of systems, equipment and components. Guide to assessment of reliability of systems containing software'. BSI, 1998 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[60]

'BS 5760-13.5:1996, IEC 60605-3-5:1996 Reliability of systems, equipment and components. Guide to reliability test conditions for consumer equipment. Ground mobile equipment. Low degree of simulation'. BSI, 1996 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[61]

'BS 5760-10.2:1995, IEC 60605-2:1994 Reliability of systems, equipment and components. Guide to reliability testing. Design of test cycles'. BSI, 1995 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[62]

'BS 5760-2:1994 Reliability of systems, equipment and components. Guide to the assessment of reliability'. BSI, 1994 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[63]

'BS 5760-10.5:1993, IEC 61123:1991 Reliability of systems, equipment and components. Guide to reliability testing. Compliance test plans for success ratio'. BSI, 1993 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[64]

'BS 5760-12:1993, IEC 60863:1986 Reliability of systems, equipment and components. Guide to the presentation of reliability, maintainability and availability predictions'. BSI, 1993 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15

[65]

'BS 5760-10.3:1993, IEC 61070:1991 Reliability of systems, equipment and components. Guide to reliability testing. Compliance test procedures for steady-state availability'. BSI, 1993 [Online]. Available: http://webcat.warwick.ac.uk/record=e1000401~S15