
SIGMA Green Belt

2017

IQCS

First written test

Applicable business field	Quality management	Qualification title	Six Sigma Green Belt	Implement date	2017. 6. 1	
Written exam type	Multiple choice	No. of Ques	50	Exam hour	90 min	
Title	Sub title	Detail			No. of Ques	Rate
1.Green Belt	1. Summary of Six Sigma	• Summary of Six Sigma • Client/quality process			10	20%
	2. Basic of statistics	• Definition of Data and concept • Probability distribution • Utilize minitab				
	3. Definition	• QFD • FEMA • Pareto • Characteristic diagram • Logic Tree			20	40%
	4. Measure Ment	• Verification of measurement system • Data collection • Analysis of process ability • Practice of measurement				
	5. Analysis	• Test of hypothesis (variables type /coefficient type) • Variance analysis • Regression analysis			20	40%
	6. Improvement	• Summary of experimental design • Fractional factorial design				
	7. Control Chart	• Preparation of control chart • Interpretation of control chart				

2nd practical test

Applicable business field	Quality management	Qualification title	Six Sigma Green Belt	Implement date	2017. 6. 1
Written exam type	Short answer	No. of Ques	10-20	Exam hour	90 min
Title	Sub title	Detail		No. of Ques	Rate
Green Belt Practice	1. DefiniTion	• QFD • FEMA • Pareto • Characteristic diagram • Logic Tree		By rate shown	30%
	2. Measurement	• Verification of measurement system • Collect of data • Analysis of process ability		By rate shown	20%
	3. AnalySis	• Hypothesis • Variance analysis • Regression analysis		By rate shown	20%
	4. Improvement	• Summary of experiment design • Fractional factorial design • Evaluate of PJT Tool implementation		By rate shown	30%