Group Examination Analysis

Test Code:

7971, v1 - Certified Manufacturing Engineer (CMfgE)

Test Date:

12/01/2012

Number of Candidates:

50

Site Code:

7555

Examination Anal	ysis
Number of Candidates:	50
Low Score:	38
Mean:	89
High Score:	115
Number of Questions:	180
Pass Score:	108
International Average:	58.0%
Standard Deviation:	21.1
Standard Error of the	
Measurement:	6.7
KR20:	0.92

CMfgE

2012年12月1日に東京・名古屋で 受験された50名の試験結果の分析です。 タイトルは、テキストおよび2010年の "Body of Knowledge"に 合わせて整理されています。

Group Examination Performance

	Level/Title	# of Items in Section	Total Items Seen by Group	Total Items Passed by Group	Performance	Percent
1	1.1 Mathematics	16	800	418	I WAS W	52.3%
	1.1.3 Analytical Geometry	2	100	53	Service Servic	53.0%
	1.1.4 Calculus	2	100	39	BEX.VIII.	39.0%
	1.2.1 Metrication/SI System	1	50	27	Since Afficial Page 1	54.0%
	1.2.2 Physics	1	50	21		42.0%
	1.2.8 Electrical Circuits/Electronics	2	100	58	100 mars 2000	58.0%
7.7	1.3.1Metals (Properties and Applications)	4	200	143	The state of the s	71.5%
	1.3.2 Plastics/Polymers (Properties and Applications)	2	100	57	A Control of Control	57.0%
	1.3.3 Composites (Properties and Applications)	2	100	20		20.0%
2	2.1 Product Design and Development	13	650	312	Samuelia	48.0%
	2.1.2 Market/Sales/Life Cycle Analysis	3	150	50	(2500)	33.3%
	2.1.4 Design Management	1	50	13		26.0%
	2.1.5 Simulation/Engineering Design Analysis	2	100	63		63.0%
	2.1.6 Concurrent Engineering	1	50	7		14.0%
	2.1.7 Design for X (Mfg/Assy/Maint/etc.)	1	50	32	The state of the s	64.0%
	2.1.8 Drafting/Drawing/Engineering Graphics/Modeling	2	100	59		59.0%
	2.1.10 Tolerance Analysis/GD & T	2	100	63	Entra Stranger	63.0%
	2.1.11 Product Liability	1	50	25		50.0%
3	2.2 Process Design and Development	6	300	125		41.7%
	2.2.2 Simulation/Process Analysis	3	150	56		37.3%
	2.2.6 Rapid Prototyping	3	150	69	STORES AND ADDRESS OF THE PARTY	46.0%
4	3.1 Manufacturing Process Applications and Operation	26	1,300	713	OVER TOWN	54.8%
	3.1.1 Material Removal Processes	3	150	38	Line	25.3%
	3.1.2 Manufacturing Process Applications & Operation	1	50	12		24.0%
	3.1.3 Hot and Cold Forming Processes	4	200	122		61.0%
	3.1.4 Casting and Molding Processes	3	150	59		39.3%
	3.1.5 Electrical/Electronics Mfg. Processes	3	150	92	(61.3%
	3.1.6 Heat Treatment Processes	2	100	84	EL CONTRACTOR	84.0%
	3.1.7 Joining, Welding, and Assembly Processes	5	250	157		62.8%
	3.1.8 Finishing Processes	3	150	107		71.3%

	Level/Title	# of Items in	Total Items Seen by	Total Items Passed by	P-d-	Berry
4	3.1 Manufacturing Process Applications and Operation	Section 26	1,300	Group 713	Performance	Percent
, A.A.	3.1.10 Material Handling/Packaging	2	100	42	CONTRACTOR OF THE PARTY OF THE	54.8%
5	4.1 Production System Design and Development	23		494		42.0%
	4.1.2 Facility Planning/Plant Layout	1	1,150	6,75,17	Total I	43.0%
	4.1.3 Process Planning and Development		50	12	CONTRACT	24.0%
	4.1.4 Capacity Planning	3	150	107	(12 / 12 / 18 / 18 / 18 / 18 / 18 / 18 /	71.3%
	4.1.5 Production/Manufacturing System Design and Organization	4	150	33		22.0%
-	4.1.6 Process Documentation/Work Instructions	1	200	105	NO CONTEST	52.5%
_	4.1.7 Tool and Equipment Selection	4	50	26	National Control	52.0%
	4.1.9 Human Factors, Ergonomics, and Safety		200	94		47.0%
	4.1.10 Maintenance Systems	2	100	13		13.0%
_		3	150	51		34.0%
6	4.1.11 Environmental Protection/Waste Management 4.2 Equipment/Tool Design and Development	2	100	53		53.0%
0		13	650	441		67.8%
	4.2.1 Cutting Tool Design	3	150	94		62.7%
	4.2.2 Work Holding Tool Design	5	250	158		63.2%
	4.2.3 Die/Mold Design	3	150	112		74.7%
7	4.2.6 Power Systems (Mech/Elec/Fluid)	2	100	77	MANAGE STATE OF THE STATE OF TH	77.0%
7	5.1 Automated Systems and Control	13	650	306		47.1%
_	5.1.1 Automated Systems (Hard/Flexible)	3	150	56	BAILS REACH	37.3%
-	5.1.2 CNC/PLC/Computer Control	8	400	211		52.8%
	5.1.3 Computer Systems and Networks	1	50	23	B. Tributan	46.0%
0	5.1.4 Information Technology/Database Systems (MIS, etc.)	1	50	16	STANIO	32.0%
8	6.1 Quality and Customer Service	24	1,200	638		53.2%
-	6.1.2 Quality System and Standards (e.g. QS/ISO/CE/Mark/etc.)	2	100	50		50.0%
_	6.1.3 Probability and Statistics	2	100	56	BEST TOTAL	56.0%
	6.1.4 Statistical Control Methods (Sampling/Charting/etc.)	3	150	82		54.7%
	6.1.5 Problem Analysis and Solving (Fishbone/Pareto/FMEA/etc.)	1	50	23	3.000	46.0%
	6.1.6 Factor Analysis (DOE/Correlation/etc.)	1	50	21	NO PORT	42.0%
	6.1.7 Capability Analysis (Process/Equipment/etc.)	3	150	64	自然为	42.7%
	6.1.8 Inspection/Test/Validation	4	200	103		51.5%
	6.1.9 Metrology	3	150	92	TEN OF THE	61.3%
_	6.1.11 Continuous Improvement/Lean	5	250	147		58.8%
9	7.1 Manufacturing Management	27	1,350	639	6 16 14	47.3%
ST-ST	7.1.2 Organizational Design and Management	3	150	88		58.7%
	7.1.3 Project Management	1	50	35	S. C. Service Market	70.0%
_	7.1.4 Personnel Management Methods	4	200	66		33.0%
	7.1.8 Operations Research, Analysis, and Forecasting	2	100	57		57.0%
-	7.1.9 Supply Chain & Logistics	5	250	76		30.4%
_	7.1.10 Accounting/Finance/Economics	7	350	160	Part of the second	45.7%
	7.1.11 Business/Engineering Ethics and Social Responsibility	2	100	33		33.0%
-9.50	7.1.12 Standards, Laws, and Regulations	3	150	124	700000000000000000000000000000000000000	82.7%
10	8.1 Personal Effectiveness	19	950	395	Succession	41.6%
-/-	8.1.1 Interpersonal Skills	2	100	36	120 miles	36.0%
_	8.1.2 Negotiating and Conflict Management	5	250	80	100	32.0%
	8.1.3 Presentation Skills and Oral Communication	5	250	120	(A) (S) (S)	48.0%
	8.1.4 Written Communication Skills	4	200	77	573/40	38.5%
	8.1.5 Innovation and Creativity	1	50	33	W. S.	66.0%
	8.1.6 Learning and Knowledge	2	100	49	DISPLACE A	49.0%