Manufacturing Career Connections Ohio

Business Solutions A Corporate Assessment Provider

Anne Gielczyk
Nocti Business Solutions Vice President

Company Background

Two Companies

- NOCTI
 - 501c3 Advocating for Career and Technical Education (CTE)
 - Supplier of end-of-program credentials for all CTE Programs
- Nocti Business Solutions (NBS)
 - Works with Business and Industry
 - Supplier of off-the-shelf assessments for pre-employment, training, or promotion within a company or organization
 - Developer of customized assessment solutions for companies and organizations



Ties to Industry

























AKSteel

Kubata













Certification Partners





























Industry Resource Centers (IRCs)

H,O

- Community Colleges (and other organizations) around the country
- Utilize all three of our assessment batteries
- Serve as a testing partner for business and industry in their communities

https://www.noctibusiness.com/contact-us/testing-locations/



Offerings



Three Batteries of Standardized Assessments

- Over 100 occupational areas
- Employability Skills assessments
- Performance (hands-on) assessment

Customized Assessment Services

- Job and Task Analysis
- Item bank of over 100,000 items
- Validation and reliability services
- Cut score determination
- Customized reporting services

QuadNet_™ System

- Secure, robust online-testing platform
- Scoring and reporting services
- Online data storage
- Remote proctoring options

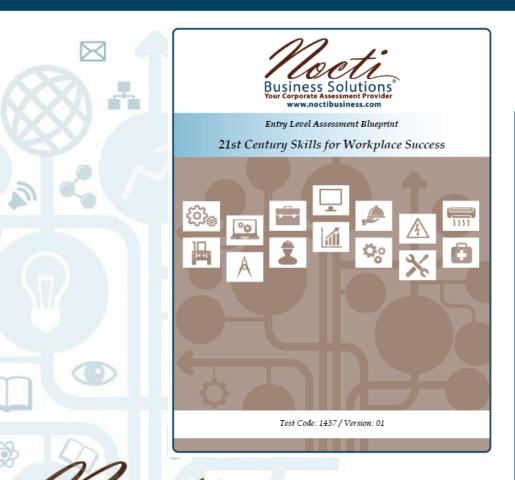
Standardized Assessments



- Entry Level
- Experienced Worker
- Advanced Skill

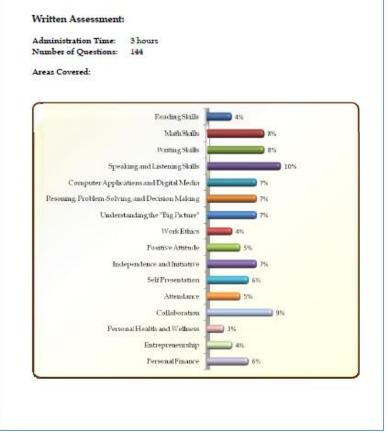


Employability Skills Assessments



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A Corporate Assessment Provider

21st Century Skills for Workplace Success Blueprint



Performance Assessments

- Performance booklets and evaluators guides shipped to site
- List of Materials, Tools, and Supplies included in evaluator guide
- Evaluation sheet included in each performance booklet
- Performance instructions included in performance booklets and evaluator guide
- Specific evaluator instructions, list of criteria, and scoring rubric included in evaluator guide
- Ship answer sheets to us or enter performance ratings online

List of Materials, Tools, and Equipment Required					
JOB 1 – TEST A COOLING SYSTEM Appropriate Personal Protective Equipment (PPE) Complete engine cooling system Cooling system pressure tester Service annual Deput (pith (flashighr) Shop towels	Participant Evaluator	HEAVY EQUIPMENT MAINTE: PERFORMANCE EVALUATI D. Manuscritions: Use this worksheet to assist with the rating p form has been completed, transfer ratings to the answer the	ALUATION WORKSHEE Site Code: Date: the rating process; the criteria are		
JOB 2 - ELECTRICAL TESTING	Job	Criteria	Item No.	A	
 Appropriate Personal Protective Equipment (PPE) 	Job 1	Test Cooling System		_	
 Vehicle in operating condition, with properly operating electrical system 	3001	Cap pressure test	- ,	_	
Battery, conventional type	2	System pressure loss	2	-	
Shop towels	1	Leaks in system	3	-	
Battery tester manual	4	Time to complete Job 1	4	-	
Battery load tester	-	Time to complete 500 1		-	
Service manual	Job 2	Electrical Testing		_	
Writing utensils	5001	Battery discharge test	5	-	
Drop light (flashlight)				-	
TODA ADMINISTRATOR CLEADANCE	6 7	Starter draw test	6 7	-	
JOB 3 – ADJUST VALVE CLEARANCE		Alternator maximum output test		-	
Appropriate Personal Protective Equipment (PPE)	8	Time to complete Job 2	8	_	
Shop towels	Job 3	Adjust Valve Clearance		_	
Feeler gauge	Jeb 3	Adjust Valve Clearance Accuracy of specifications			
Wrenches				-	
Screwdriver	10	Accuracy of positioning engine for valve adjustment	10	-	
 Torque wrench and screwdriver adapter 		Accuracy of initial measurement for valve clearance	- 11	-	
 Socket and breaker bar to turn engine 	12	Accuracy of final measurement for valve clearance	12	-	
Service manual	13	Time to complete Job 3	13	-	
Writing utensils	l	Ta.a			
	Job 4	Set Carrier Ring and Pinion Backlash		_	
	14	Set carrier ring and pinion backlash	14	-	
		Measure and record backlash		-	
	16	Time to complete Job 4	16	_	
	Job 5	Identify Brake Components		_	
	17	Identify brake components	17	_	
	18	Time to complete Job 5	18	-	
	18	Time to complete you >	1 18		
	Job 6	Measure and Adjust Track		_	
	19	Lock-out/tig-out	19	_	
	20	Record specification	20	-	
	20	Measure and record track measurement	20	-	
				-	
	22	Circle correction action needed	22	-	
(2000) C (1000)	23	Adjust track and record adjusted measurement	23	-	

	Cap pressure test	10 points possible
•	A = Participant met both checklist criteria	Checklist Criteria
	C = Participant met 1 checklist criteria	Pressurized cap correctly
	E = Participant did not meet either checklist criteria, or did not complete	Pressure test recorded
2.	System pressure loss	10 points possible
	A = Participant met both checklist criteria	Checklist Criteria
	C = Participant met 1 checklist criteria	Cooling system pressurized
	E = Participant did not meet either checklist criteria, or did not complete	System pressure loss recorded
3.	Leaks in system	10 points possible
	A = Participant met both checklist criteria	Checklist Criteria
	C = Participant met 1 checklist criteria	System leaks recorded
	E = Participant did not meet either checklist criteria, or did not complete	Location(s) recorded
(NO	TE: If no leaks were found and recorded appropriately	v, participant should receive an A)
4.	Time to complete Job 1	5 points possible
	A = Job 1 was completed within 15 minutes	
	E = Job 1 was not completed within 15 minutes	

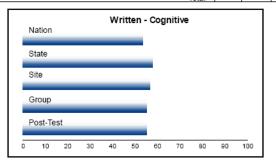


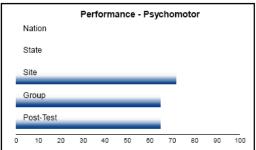
Individual Score Report



7 2 3 3 4 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.8 70.7 .2 59.9	69.0 71.2	69.1
3.1 73. 0.8 70. 3.2 68.	.1 69.1 8 70.7 2 59.9	69.0 71.2	64.8 69.1
0.8 70. 3.2 68.	.8 70.7 .2 59.9	71.2	69.
3.2 68.	.2 59.9		
		60.9	53.7
4.8 34.			
	.8 53.1	53.3	51.6
1.7 41.	7 44.2	45.8	39.7
1.2 41.	.2 37.1	38.2	38.0
7.1 57.	.1 58.7	60.7	54.4
7.4 47.	.4 55.1	55.8	50.0
5.0 55	.0 56.8	57.6	53.
5	17.4 47. 55.0 55	17.4 47.4 55.1 55.0 55.0 56.6	7.4 47.4 55.1 55.8

# dof	Job Title	Post-Test	Group	Site (Cumulative)	State	Nation
_						
1	Connect and Operate a Circuit	28.0	28.0	43.1		
2	Assemble a Multiple Shaft Gear Drive System	86.7	86.7	91.2		
3	Read and interpret an Industrial Blueprint	51.3	51.3	59.6		
4	Troubleshoot an Electrical Control System	100.0	100.0	98.2		
	Total	64.8	64.8	71.6		





Contact Information

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