







MAINTENANCE, INSTALLATION & REPAIR															
			RATING SCALE: <b>4</b> = Exceeds criteria and/or able to teach task <b>3</b> = Accomplishes task to criteria <b>2</b> = Accomplishes task with help <b>1</b> = Exposed to the task, <b>N</b> = Not exposed to task	National Codes			Secondary Delivery			Local Task ID Code/ Delivery Point		Post Secondary Delivery			
SECTION # 3 CLUSTER PATHWAY SKILLS															
					4	3	2	1	N		4	3	2	1	N
		<b>3</b>	<b>Examine all parameters of the workplace to fulfill safety and health requirements for maintenance, installation, and repair.</b>	<b>1.3</b>											
		a	Make regular safety communications to all employees.	1.31											
		b	Review job safety analyses regularly according to company policy.	1.32											
		c	Explain the ramifications of failure to accurately follow hazardous materials procedures and policies such as Material Safety Data Sheet and "right to know".	1.33											
		d	Confirm that environmental testing of workplace is performed on a regular basis as required by company policy or regulation.	1.34											
		e	Confirm that equipment is audited to ensure there are no by-passes of safety guards.	1.35											
		f	Verify that regulatory & company safety procedures are followed including lock-out & tag-out, confined space, & ergonomics.	1.36											
		g	Evaluate good housekeeping procedures.	1.37											
		h	Verify that safety and personal protective equipment is available, performs correctly, and has current certification.	1.38											
		<b>4</b>	<b>Monitor equipment and operator performance to assure workplace safety and compliance with both company and national regulations.</b>	<b>1.4</b>											
		a	Verify that monitoring is being performed regularly.	1.41											
		b	Report out-of-compliance or unsafe conditions immediately.	1.42											
		c	Take corrective action when out-of-compliance or unsafe conditions exist.	1.43											
		d	Check equipment to ensure it is operating according to specifications & that tools are checked for compliance with specifications.	1.44											
		e	Forward accident and injury data to appropriate personnel for inclusion in OSHA recordables.	1.45											
		f	Gather information on equipment use from operators to reveal existing or potential problems.	1.46											
		g	Adjust equipment and processes as required.	1.47											
		h	Accurately document all monitored data.	1.48											
		<b>V</b>	<b>EQUIPMENT PROBLEMS</b>	<b>V</b>											
		<b>A</b>	<b>Identify, diagnose, and/or repair equipment problems.</b>	<b>1</b>											
		<b>1</b>	<b>Gather equipment information and history to identify and/or diagnose problems.</b>	<b>1.1</b>											
		a	Consult operator and operator logs to determine the nature of the problem.	1.11											
		b	Check reports on equipment, repair and diagnostics for previous problems.	1.12											
		c	Check equipment to identify problems.	1.13											
		d	Gather the most appropriate information need to rapidly diagnose the problem.	1.14											
		e	Consult appropriate and accurate sources of information including prints, OEM manuals, process diagrams, and engineering department calibrations.	1.15											
		<b>2</b>	<b>Follow procedures to isolate system and component failure.</b>	<b>1.2</b>											
		a	Draw on available information, past experience, operator feedback, and knowledge of equipment to identify possible causes of failure.	1.21											
		b	Use visual inspection, observation of equipment during operations, and disassembly of equipment to systematically gather information about the nature and possible causes of failure.	1.22											
		c	Perform and repeat diagnostic tests as necessary to determine the nature of the problem.	1.23											
		d	Make diagnosis in a timely and effective manner.	1.24											
		e	Use manufacturer's performance specifications when evaluating equipment performance.	1.25											
		f	Initiate procedure for isolating problems correctly and complete follow through properly.	1.26											







