

**WYOMING STATE SPECIFIC AST OPERATOR
CONTENT OUTLINE**

EXAM ID: W5

- 50 multiple-choice questions
- 1-1/2-hour time limit
- Open book

	% of Total
01. Release Detection (Content Area)	32%
0101 <u>Tank Release Detection</u> (Task) Verify correct method of release detection is in place and that all required periodic testing & maintenance is performed at the required frequency. Verify that any leak detection devices and equipment are operational and have third party certification if applicable.	18%
0102 <u>Piping Release Detection</u> (Task) Verify correct method of release detection is in place and that all required periodic testing & maintenance is performed at the required frequency. Verify that any leak detection devices and equipment are operational and have third party certification if applicable.	14%
02. Corrosion Protection (Content Area)	12%
0201 <u>Sacrificial Anode Cathodic Protection</u> (Task) Verify the sacrificial anode systems are operational and that cathodic protection testing is performed at required intervals.	4%
0202 <u>Impressed Current Cathodic Protection</u> (Task) Verify the impressed current systems are operational and that cathodic protection testing is performed at required intervals.	4%
0203 <u>General Corrosion Protection</u> Verify that tanks without cathodic protection meet corrosion protection requirements	4%
03. Construction Standards for Aboveground Storage Tanks	20%
0301 <u>Pumping Systems</u> (Task) Verify proper operation of suction, pressurized, return and other pumping systems and electrical controls.	2%
0302 <u>Emergency Shut-Off</u> (Task) Verify that emergency shut-off switch is installed where required.	4%
0303 <u>Emergency Vent System</u> (Task) Verify that emergency vents are provided and that vent pipe size is adequate.	4%
0304 Miscellaneous Construction Standards Verify tank that safety equipment is installed, including vehicle impact protection and security	10%
04. Corrective Action Account & Financial Responsibility Account	8%
0401. <u>Statutory Responsibilities</u> (Task) Verify that the AST System Operator take appropriate action to comply with Article 14, Wyoming Environmental Act.	8%
05. Overfill Prevention, Spill Prevention, and Release Reporting	12%
0501 <u>Overfill and Spill Prevention</u> (Task) Take appropriate action to prevent overfills and spills	6%
0502 <u>Release Reporting</u> (Task) Report releases according to state laws and rules	6%

06. General Operating Requirements		16%
0601	<u>Inspections, Emergency Equipment, Maintenance & Clean-up</u> (Task) Inspect hardware such as nozzles, breakaway couplings, hoses and impact valves. Verify emergency equipment fire extinguishers, fire suppression systems & alarm pull boxes in place & operational. Determine the proper action to take to clean up and handle product spills. Provide training of facility employees.	8%
0602	<u>Fuel Tax Licensing</u> (Task) Identify what type of license is required	2%
0603	<u>Record Keeping</u> Maintain records of inspections, test, maintenance, etc.	6%