Alcohol Content in Gasoline

Meets ASE Task: (A8-D-2) P-2 Check fuel for contaminants and quality; determine necessary action.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
Take the following steps when t	esting gasoline for alcohol	content.
1. Pour suspect gasoline	e into a small clean beaker o	or glass container.
DO NOT SMOKE	OR RUN THE TEST ARC	OUND SOURCES OF IGNITION!
2. Carefully fill the grad	luated cylinder to the 10-mI	_ mark.
	, ,	counting the number of drops from an dropper must be calibrated to
determine how many	drops equal 2.0 mL.)	
	ally removing the stopper.	Alcohol dissolves in water and will
•	a flat surface and let it stand	d for 2 minutes
		the boundary between the two
For example, T	he reading is 3.1 mL: 3.1 - 2	m the reading and multiply by 10. $2 = 1.1 \times 10 = 11\% \text{ alcohol}$ $= 0 \times 10 = 0\% \text{ alcohol (no alcohol)}$
If the increase in volu	ume is 0.2% or less, it may b	be assumed that the test gasoline
contains no alcohol.	Alcohol content can also be	checked using an electronic tester.
8. Based on the test resu	ults, what action is	
necessary?		Collect 90 ml Gasoline