

Fuel Sampling Procedure Checklist – Retail Facilities

Inspector: _____ Date: _____ Facility: _____

Complete		Code Ref.	Comments
Safety			
	- Environment safe	ASTM 4057/P&P	
	- Block off working area	ASTM 4057/P&P	
Safety Equipment			
	- Safety glasses	ASTM 4057/P&P	
	- Gloves	ASTM 4057/P&P	
	- Safety Toe Shoes/Boots	ASTM 4057/P&P	
	- Safety vest	ASTM 4057/P&P	
	- Safety/traffic cones	ASTM 4057/P&P	
Containers			
	- Gas in Red Can; Oil in other than Red	Chapter 168	
	- Check for a good seal	P&P	
	- No leaking containers	P&P	
Sample Collection - Representative			
	- Generate random number for sample to ship to lab	P&P	
	- Nozzle in contact with container	ASTM 4057/P&P	
	- Flush 2 gallons through hose	P&P	
	- Flush sample can prior to taking sample (or clean can from the lab)	ASTM 4057/P&P	
	- Fill sample can 75%-80%	ASTM 4057/P&P	
	-- Use nozzle extender for sample being sent to the lab	ASTM 4057/P&P	
	- For E15 Blender dispensers follow E15 specific procedure	P&P	
	- Visual - Sample is clear and bright	ASTM 4814 Sec. 6	

	- Field Equipment: screen oils with LEL Meter	P&P	
	- Field Equipment: water extract gas and gas/alcohol products	P&P	
	- Seal can tightly – no vapors/leaks	P&P	
	- Label sample can	P&P	
	- Return flushed fuel and other samples to proper tank(s)		
	- Use Funnel provided (if applicable)	P&P	
	- Return to lowest grade (gas)	P&P	
	- Return Fuel Oil to proper tank(s)	P&P	

Water Checks In USTs

	- Apply paste on stick for several inches	P&P	
	- Hold on bottom for 60 seconds	P&P	
	- Observe Color of Paste	P&P	
	-- No Water Found	P&P	
	-- Water found (no color change)	P&P	
	*Phase Separation (color change ethanol product)	P&P	
	**Tank Sampling may be required (see water checklist)	P&P	