Category	Question	Response
	Q. For fuel sampling, a sample	
	is required during each run	
	while testing. Is this for all runs	
	or for the runs associated with	A. Correct, fuel sampling is only required for those test runs that are
Fuel	Hg, chlorine, Fluorine, and	testing for fuel-based HAP. Fuel sampling is not required during the
Sampling	O: Con we use date provided by	test run for NOX, CO, THC, CH4, formaldenyde.
Fuel	a fuel supplier in lieu of	A Yes if the fuel supplier data meets the requirements set forth in
Sampling	sampling?	Sections 2.2 through 2.5 of Enclosure 1 of your Section 114 letter.
Camping	Q: Is coal fuel testing required	A. Yes. All solid and liquid fuels must be tested for the following:
	for antimony, cobalt,	Antimony (Sb), arsenic (As), beryllium (Be), cadmium (Cd), chromium
	phosphorus, or selenium, as is	(Cr), cobalt (Co), lead (Pb), manganese (Mn), nickel (Ni), phosphorus
Fuel	required for multi-metals stack	(P), selenium (Se), Fluorine (F), Chlorine (Cl), mercury (Hg), moisture,
Sampling	testing?	and higher heating value.
	Q: We would like to conduct	
	stop belt coal sampling on our	
	coal bunker loading beit. This	
	beir is operated for about one	
	Would a composite of three belt	
	samples be sufficient for all test	
Fuel	runs conducted in that single	A: Yes, conducting 3 composite samples each day that you conduct a
Sampling	day.	stack test would be sufficient.
	Q: If you can use fuel sampling	
	for metals in lieu of stack	
	sampling for metals for an oil	A. It is EPA's understanding that in order to conduct fuel analysis on a
E	fired unit, why would a gas-fired	gaseous fuel you are in effect conducting a stack test on the gas. If
Fuel	unit have to be stack tested for	there are alternatives for analyzing the gas, contact EPA and we can
Sampling	O: Regarding the 30-day period	A Fuel sampling can occur before during and after the stack test as
Fuel	for solid fuel sampling, can it	long as it includes the dates of the stack tests. In the case of outages
Sampling	begin before the stack testing?	in unit operations, it should reflect 30 consecutive operating days.
	Q. Can we use a fuel analysis	
	for metals to replace stack	A. If the unit is uncontrolled and it is firing fuel oil, it is acceptable to
	sample if the unit does not have	conduct fuel analysis in lieu of stack tests for metals. You will need to
Fuel	Control Devices and is burning	conduct stack tests for non-metal pollutants as listed in your Section
Sampling	N0. Fuel Oil.	114 letter.
	Q: Fuel Sample frequency if you	A If you are burning liquid from a tank and that tank has not been
	100 000 gallons or greater and	refilled within the 30 day fuel sampling period sampling during the test
Fuel	are not adding to the tank	runs only would be sufficient since there would assumed to be no
Sampling	during 30 day period ?	variation in the constituents of the fuel within the tank.
	If the 10 sample fuel analysis is	
	not required yet a facility still	
	feeds a solid fuel, do we have to	
	conduct the fuel sampling and	A. If you are on the CISWI test list, no fuel analysis is required. If you
	analysis during the test? If yes,	are on the boller and process heater test list fuel analysis is required
Fuel	thermal load (i.e., only analyze	You should analyze the fuel for all parameters listed in section 2.0 of
Sampling	for HHV/)?	Findosure 1
Jamping		Linor FPA review of ASTM methods and no ASTM methods were
		identified for measuring fluorine in fuels other than coal. SW-846-
	Q: Enclosure 1 to the Section	9056 is an acceptable method for testing fluorine content of any solid
	114 letter indicates that fluorine	or liquid fuel. If other ASTM methods are identified for analysis of
Fuel	only has to be analyzed in the	fluorine content of fuel, they will be considered acceptable for this test
Sampling	fuel if it is coal. Is that correct?	plan.

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	For fuel composites: please	
	define what is a "sample",	
	"composite sample", and "fuel	
	sample" as used in Section 2.0	
	and Table 2.1 for belt sampling?	
	Does the single "sample"	
	during testing consist of three	
	separate "composite sample"	
	each of which is composited	
	from three "fuel samples" for a	
	total of nino "fuel samples" and	
	three concrete analyses of	
	"according to according to a second the second to a se	A "comple" is a single collection of fuel material. A "composite
	there are multiple down of	A sample is a single collection of rule indicate A composite
	there are multiple days of	sample is made of three composite complex. One composite comple had
	te samelete with the goal	comprised or three composite samples. One composite sample need
Fuel	to correlate with the coal	to be obtained per test run. The rule samples only need to be
Fuer	supplied from bunkers during	Obtained during the stack test runs for Pivi, mercury, metals, and
Sampling	actual tests.	HCI/HF.
	Can alternate fuel test methods be	
	used which were approved by EPA	
	for preparation of the fuel sampling	Manual Andrew State and a second second for the Dellar
Fuel	plan prepared for the Boiler MACT	Yes, any fuel analysis methods previously approved for the Boller
Sampling	HBCA submittal?	MACT can be used.
	We want to confirm that tired	
	derived fuel (TDF) would be	
	considered a solid fuel and should	
Fuel	follow the solid fuel testing	IDF is considered a solid fuel and, therefore, can follow the solid fuel
Sampling	requirements.	testing requirements.
	We want to confirm that sample	
	preparation was only specified for	
	total select metal testing as found	
	in Table 2.2 (i.e. no sample	
	preparation was specified for	Table 2.2 is incorrect. The methods listed in table 2.2 are also for
Fuel	chlorine, mercury, moisture,	preparing the samples for chlorine, mercury, moisture, heating value,
Sampling	heating value, or fluorine).	and fluorine.
	We want to confirm that no	
	moisture testing is required for oil	
Fuel	samples since there is no method	
Sampling	specified.	A. You do not need to report moisture content for liquid fuels.
	A unit is scheduled to perform the	
	multiple stack tests within a 4-5	
	day period and will be conducting	
	on average 2 stack tests per day.	
	Based on the fuel sampling request,	
	can the one fuel sample (comprised	
	of 3 composites to be collected	
	during each test run and	
	individually analyzed) be collected	
	during any one of 9 stack tests	
	required? We want to confirm that	
	3 composites samples are not	
	required for each of the 9 stack	
	tests. The other nine composite	
	samples will be collected evenly	
	spaced during the same 30 day	
	CEMS data collection period.	
Fuel	Therefore a total of 12 samples will	Composite fuel samples should be collected, and analyzed, during
Sampling	be analyzed.	each test run conducted for metals. PM. HCI/HF. and mercurv.