



**98-004 Rev B  
2 May, 2007**

**INFORMATION REGARDING O3 GENERATORS**

**I. SCOPE:**

To inform the customer about the time delay for the ozone generators in NOx analyzers.

**II. INFORMATION:**

This service note is informational in nature and regards the time delay of the AC power to the ozone generators in the API NOx analyzers. Depending on which instrument you have (M200A, AH, AU) and what software revision you have, the requirements for the CPU to turn on the O3 generator are different. The following chart is for the different models of instruments and only reflects the current revisions of the software. If you have an instrument that does not have the current revision of the software, your instrument might or might not be exactly like the following chart, but the principle will certainly be the same.

Model	Moly Temp	O3 Gen. State	Program Action
M200	<280°C	Off at power up	Wait 30 min., or until moly temp >280°C then turns O3 gen. on
	>280°C	On at power up	Gen. on immediately
M200A	<100°C	Off at power up	Wait 30 min., then turns O3 gen. on
	>100°C, <250°C	Off at power up	Wait 10 min., then turns O3 gen. on
	>250°C	On at power up	Gen. on immediately

Model	Time Since Last Power Up	O3 Gen. State	Program Action
M200AH	< 1 hour	On at power up	Gen. on immediately after power up
	> 1 hour		

		Off at power up	Wait 30 min., then turns O3 gen. on
M200AU	< 1 hour	On at power up	Gen. on immediately after power up
	> 1 hour	Off at power up	Wait 30 min., then turns O3 gen. on