

# CETAC TECHNOLOGIES

## SERVICE BULLETIN

<b>Subject:</b> Contamination in the syringe pump on the autodilutor.	<b>Bulletin No:</b>	SB0903
	<b>Date Issued:</b>	10/26/01
	<b>Priority:</b>	High

**Product:** ADX-500

**Serial Numbers:** ALL  
*Serial Numbers start by month (MM), year (YY) and units built that month (i.e., MMYyxx)*

**Service Location:**  Customer Site  CETAC Technologies

**Responsibility:**  Customer  Trained CETAC Representative

**Replacement Parts:**  Customer  CETAC Technologies

### DESCRIPTION

Contamination in the syringe pump causes the %RSD to become extremely high for diluted samples. Also, the contamination inhibits the liberation metal Mercury vapor by reducing the Mercury in the sample from a plus 2 state to a plus 1 state and the results for duplicate sample dilutions will not correspond to each other.

### IMPLEMENTATION

The corrective action for the contamination problem is to clean the syringe at the end of each day of use or after each batch of samples. The cleaning procedure that needs to be implemented is to prime the syringe with 10% HNO<sub>3</sub> three times, then twice with DI water and a final priming with air.

### PARTS

Part Number	Description
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### AVAILABLE DOCUMENTATION