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SUBJECT: Updates for the Teledyne T640X

EPA's QAQPS released the Teledyne API T640(x) data validation templates in November 2021. These changes were incorporated in the PM QAPP in June 2022. Currently, the T640x SOP is under revision and will reflect applicable changes needed. The table below identifies previous criteria and new criteria for the T640x.

2019 T640x SOP	
CRITICAL CRITERIA	
	Acceptable Range
One-point Flow Rate Verification	± 10 percent of standard for main flow (sample flow) ± 5 percent of standard for bypass/total flow

OPERATIONAL CRITERIA	
Shelter Temperature	0-50° C
Temperature Control	None
Revised 2023 T640x SOP	
CRITICAL CRITERIA	
	Acceptable Range
One-point Flow Rate Verification (Total Flow)	< ± 4.1 percent of transfer standard (DAQ's warning limit is ≤± 3 percent of transfer standard); < ± 5.1 percent of flow rate design value (DAQ's warning limit is ≤± 4 percent of flow rate design value)
One-point Flow Rate Verification (Sample Flow)	< ± 4.1% of transfer standard (DAQ's warning limit is ≤± 3 percent of transfer standard). Note: No for criterion for the bypass flow.
OPERATIONAL CRITERIA	
Shelter Temperature	0-50° C
Temperature Control	< 2.1° C SD over 24 hours

Replace and Discard Original	<input type="checkbox"/>
Add Material to Document	<input type="checkbox"/>
Retain this bulletin until further notice	<input checked="" type="checkbox"/>
Discard this bulletin after noting contents	<input type="checkbox"/>
This bulletin will be invalid after:	Click or tap to enter a date.
This bulletin will be incorporated into the T640x SOP by	2/28/2023