## Set the turbidity correction formula for the FP360sc probe

## Items to collect:

- SC1000 probe module with 4-20 mA output card installed
- FP360sc probe (connected and configured in the SC1000 Controller)
- Solitax sc probe (connected and configured in the SC1000 Controller)

Do the steps that follow to set the turbidity correction formula for the FP360sc probe on the SC1000 Controller.

1. Select SC1000 SETUP.



2. Select OUTPUT SETUP.

SC1000 SETUP	
- OUTPUT SETUP	$ \Delta $
+- CURRENT INPUTS	
- RELAY	
- GSM-MODULE NO SIM CAR	D
- DEVICE MANAGEMENT	
- DISPLAY SETTINGS	
- BROWSER ACCESS	
- STORAGE CARD	
- SECURITY SETUP	
TMAIL	

3. If there is more than one 4-20 mA output card installed, select the applicable mA output card.



4. Select one of the output channels.

		mA OUTPUT INT
		OUTPUT 1
-		- OUTPUT 2
		— OUTPUT 3
		— OUTPUT 4
	2.20	— VERSION
	00000013992	— LOCATION
-		

## 5. Select SELECT SOURCE.

CURRENT OUT 1		
- SELECT SOURCE	DEVICE REMOVED	$ \Delta $
- SET PARAMETER	DEVICE REMOVED	
- DATA VIEW	INPUT VALUE	
- SET FUNCTION	LINEAR CONTROL	
- SET TRANSFER	10.0 mA	
- SET FILTER	10 s	
- FILTER UNIT	s	
- MAXIMUM	20.0 mA	
- SCALE 0mA/4mA	0-20mA	
PET LOW MALLE	0.0	

6. Select SET FORMULA.

	J .		
CURRENT OUT 1	) <u>e</u> se	T FORMULA	
SELECT DEVICE	[0]		
SET FORMULA	[0]		
SOLITAX sc	[1367128]	1367128	
FP 360 SC	[11000097]	11000097	▼
			X

7. Select ADD.

NAME LOCA	TION mg/l O2
SELECT TAG	
A DEVICE REMOVED	

8. Select FP 360 SC.

NAME	LOCATIO	DN ma/l	02
SELECT DEVICE			4
SOLITAX sc	[1367128]	1367128	-
FP 360 SC	[11000097]	11000097	
mA INPUT INT	[62288]	00000062288	
RELAY INT	[49291]	RANGE CONTROL	
	12 7 7 4 41		K
			2

**9.** Select the parameter and unit to apply the compensation (e.g., PAH- $\mu$ g/L).



10. Select ADD, then select SOLITAX SC.



11. Select the parameter and unit to apply the compensation (e.g., TURBIDITY NTU).



**12.** Click on the blank bar at the bottom of the display.



**13.** Enter the formula A\*(0.0092\*B–0.00001\*(B\*B)+1)



14. Enter a formula name (e.g., TBR COMPENS).



15. Enter a location name (e.g., TANK 1).



16. Enter the measurement unit (e.g.,  $\mu$ g/L).



17. Enter the parameter name (e.g., PAH).



**18.** When all of the parameters are set, push ✓ to confirm.



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