

Instrument ID 277227	Instrument Model C111	Instrument Serial No. 13754	Visit Date 13/7/2021	<input checked="" type="checkbox"/> Engineering <input type="checkbox"/> Appearance <input type="checkbox"/> Other (pls specify)
--------------------------------	---------------------------------	---------------------------------------	--------------------------------	--

<input checked="" type="checkbox"/> Service Contract <input type="checkbox"/> Warranty <input type="checkbox"/> Advice <input type="checkbox"/> Placement / Rental <input type="checkbox"/> Other (pls specify)

Customer Name Reliance Industries Limited, Shandol	Contact / User Name Dr. Satvaprakash Singh
--	--

Call Received Date	Call Attended Dates	Treat Hours 19 hrs.	Work Hours 5 hrs	<input type="checkbox"/> In Station <input checked="" type="checkbox"/> Out-Station
--------------------	---------------------	-------------------------------	----------------------------	--

Problem Description
- Preventive Maintenance

- Action Summary:
- Removed dust from the Instrument.
 - Replaced all consumables from PM kit, mentioned below.
 - Lubricated all movable parts of the Instrument.
 - Cleaned Probe, sensor, rotor, and water/waste reservoirs.
 - Performed due maintenances and all PM checks.
 - Performed calibration, QC and samples, All results found ok.

UOM No.	Item	Qty	Batch No.	Total Value (Est)	Notes
28086842001	Seal Teflon 250 ul	1	-	-	
28136815001	Seal Cap Syringe	1	-	-	
2808731001	Filter fluid D13.8	1	-	-	

Service Engineer / Application Specialist Remarks: **Preventive maintenance done successfully.**
- Instrument working satisfactorily.

Customer Remarks:	Problem Resolved <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
-------------------	---

Service Feedback: 1. Poor 2. Fair 3. Good 4. V.Good 5. Excellent

Service Engineer / Application Specialist Name Deepak Patidas	3 SP Address Seal	Customer's / User's Name Dr. Satya Prakash
Service Engineer / Application Specialist Signature @patidas		Customer's / User's Signature [Signature]

For Internal / Office Use Only (as Applicable)

Defect Code	Function	Cause	Remedy	Cause	Code
-------------	----------	-------	--------	-------	------



c111 V4.3.0.1835 13794
admin 13.07.2021 1:26

Initialize Degasser Fluid Sensor:

Insert the tubing adapter, then press <OK>
to prime fluid system.
Priming water system.

Waiting for completion.
Air: 54 Fluid: 156 Level: 1 State: 0
Maintenance action complete.

c111

V4.3.0.1835

13794

13.07.2021 14:59

Check Pipetting Accuracy:

Place sample '@CHK' on the instrument.
Created 16 CHECK test orders in sample
order '@CHK'.

Cuvette segment is moved to handling
position 1.

Insert first cuvette segment, then click OK.

Cuvette segment is moved to handling
position 2.

Insert second cuvette segment and close the
main cover, then click OK.

Please close the main cover and click OK.

Please close the main cover and click OK.

System changes to operating and runs CHECK
tests. Wait for completion.

of results = 16, Mean = 1.44636Abs

SD = 0.00341734, CV = 0.236272%

Diagnostic action completed.

Abs. Air/Water Calibration:

Abs. Air/Water Calibration.
Cuvette segment is moved to handling
position 1.
Insert an empty cuvette segment, then press
<OK>.
Cuvette segment is moved to handling
position 2.
Insert an empty cuvette segment, close the
cover, then press <OK>.
Starting the calibration.

Waiting for completion.
Maintenance action complete.

Wavelength	H2O	H2O cuvette
340	-0.0066	0.0749
378	-0.0038	0.0734
409	-0.0024	0.0723
449	0.0008	0.0745
480	0.0021	0.0754
512	0.0039	0.0768
520	0.0041	0.077
552	0.0051	0.078
583	0.0059	0.0784
629	0.0068	0.0791
652	0.0071	0.0794
659	0.0071	0.0792

Outlier statistics:
Air : 0
Water : 0
Diff : 0
Total : 0

Press <OK> to use these values.
Then press <Cuvettes> and exchange the two
segments.

c111 V4.3.0.1835 13794
admin 13.07.2021 14:54

Order Details:

Sample ID @CHK
Order ID @CHK
Order state All accepted

<u>S Test</u>	<u>Flag</u>	<u>Result</u>
CHECK		1.4498Abs
CHECK		1.4398Abs
CHECK		1.4423Abs
CHECK		1.4511Abs
CHECK		1.4453Abs
CHECK		1.4418Abs
CHECK		1.4478Abs
CHECK		1.4489Abs
CHECK		1.4480Abs
CHECK		1.4438Abs
CHECK		1.4473Abs
CHECK		1.4438Abs
CHECK		1.4478Abs
CHECK		1.4489Abs
CHECK		1.4444Abs
CHECK		1.4510Abs

c111 V4.3.0.1835 13794
13.07.2021 2:24

Calibration Details:

Test ALTL
Use Current
Type Set
Status Accepted
Calibrator name CFAS
Lot ID 41009500
Expiration date 31.08.2022
Accepted by \$SYS\$, 17.03.2022 11:22
Creation time 17.03.2022 11:10
Flags
R0 -0.000232375
F 5351.23

c111 V4.3.0.1835 13794
13.07.2021 2:24

Calibration Details:

Test ASTL
Use Current
Type Set
Status Accepted
Calibrator name CFAS
Lot ID 41009500
Expiration date 31.08.2022
Accepted by \$SYS\$, 17.03.2022 11:28
Creation time 17.03.2022 11:10
Flags
R0 -0.000232041
F 5431.46

c111
admin

V4.3.0.1835

13794

13.07.2021 2:37

QC Status:

S	Test	ID	Flag	Result
	ALB2	PCCC2		5.19g/dL
	ALT1	PCCC2		118.8U/L
	AST1	PCCC2		143.5U/L
	BILD2	PCCC2		2.4mg/dL
	BILT3	PCCC2		3.9mg/dL
	CHO21	PCCC2		178.47mg/dL
	CREJ2	PCCC2		3.8mg/dL
	GLU2	PCCC2		251.24mg/dL
	HDLC4	PCCC2		50.54mg/dL
	TP2M	PCCC2		8.0g/dL
	TRIGL	PCCC2		219.96mg/dL
	UA2	PCCC2		10.3mg/dL
	UREL	PCCC2		116.97mg/dL
	ALT1	PCCC2		119.9U/L
	AST1	PCCC2		146.7U/L

c111	V4.3.0.1835	13794
admin		22.04.2022 16:57

Calibration Details:

Test	HDLC4
Use	Current
Type	Set
Status	Accepted
Calibrator name	CF LIP
Lot ID	47472300
Expiration date	28.02.2022
Accepted by	\$SYS\$, 22.04.2022 16:57
Creation time	22.04.2022 16:44
Flags	
R0	0.000485395
F	16.7664

c111
admin

V4.3.0.1835

22.04.2022 15:09

Calibration Details:

Test	ALP2S
Use	Current
Type	Lot
Status	Accepted
Calibrator name	CFAS
Lot ID	41009300
Expiration date	31.08.2022
Accepted by	admin, 20.04.2022 10:08
Creation time	20.04.2022 10:08
Flags	
R0	0.000835682
F	5955.6

c111
admin

V4.3.0.1835

18.04.2022

11

Calibration Details:

Test	CA2
Use	Current
Type	Lot
Status	Accepted
Calibrator name	CFAS
Lot ID	41009300
Expiration date	31.08.2022
Accepted by	\$SYS\$, 18.04.2022 11
Creation time	18.04.2022 11:20
Flags	
R0	0.00225274
F	18.8966

c111
admin

V4.3.0.1835

25.03.2022 12:36

Calibration Details:

Test	CRE2
Use	Standby
Type	Lot
Status	Accepted
Calibrator name	CFAS
Lot ID	41009300
Expiration date	31.08.2022
Accepted by	\$SYS\$, 26.02.2022 10:34
Creation time	26.02.2022 10:34
Flags	
R0	0.000849996
F	8004.69

c111	V4.3.0.1835	13794
admin		22.04.2022 16:36

Calibration Details:

Test	TP2M
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 18.04.2022 12:06
Creation time	18.04.2022 11:54
Flags	
R0	0.0200368
F	876.899

c111
admin

V4.3.0.1835

13794
22.04.2022 16:17

Calibration Details:

Test	ALB2
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:58
Creation time	22.04.2022 15:12
Flags	
R0	-0.0826585
F	446.08

c111	V4.3.0.1835	13794
admin		22.04.2022 16:17

Calibration Details:

Test	ALTL
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:33
Creation time	22.04.2022 15:12
Flags	
R0	-0.000393263
F	4936.39

c111
admin

V4.3.0.1835

13794
22.04.2022 16:1

Calibration Details:

Test	ASTL
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:39
Creation time	22.04.2022 15:12
Flags	
R0	-0.000286878
F	5185.76

c111	V4.3.0.1835	13794
admin		22.04.2022 16:17

Calibration Details:

Test	BILD2
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 16:00
Creation time	22.04.2022 15:13
Flags	
R0	8.4312E-5
F	1355.66

c111	V4.3.0.1835	13794
admin		22.04.2022 16:17

Calibration Details:

Test	BILT3
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:49
Creation time	22.04.2022 15:13
Flags	
R0	0.0009
F	4342.7

c111 V4.3.0.1835 13794
admin 22.04.2022 16:17

Calibration Details:

Test	CH021
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:32
Creation time	22.04.2022 15:13
Flags	
R0	-0.000966195
F	23.803

c111
admin

V4.3.0.1835

13794

22.04.2022 16:17

Calibration Details:

Test	GLU2
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:27
Creation time	22.04.2022 15:13
Flags	
R0	0.00096287
F	35.1381

c111	V4.3.0.1835	13794
admin		22.04.2022 16:17

Calibration Details:

Test	TRIGL
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:50
Creation time	22.04.2022 15:13
Flags	
R0	0.0004
F	16.8958

c111	V4.3.0.1835	13794
admin		22.04.2022 16:17

Calibration Details:

Test	UA2
Use	Current
Type	Set
Status	Accepted
Calibrator name	CFAS
Lot ID	41009500
Expiration date	31.08.2022
Accepted by	\$SYS\$, 22.04.2022 15:53
Creation time	22.04.2022 15:13
Flags	
R0	0.000847014
F	6672.96