



STANDARD OPERATING PROCEDURE

Department: Quality Control	SOP No.:
Title: Cleaning and Operation of MCAS ECO Compressed Air /Nitrogen Gas Sampler	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

1.0 OBJECTIVE:

To lay down a procedure for cleaning and Operation of MCAS ECO Compressed Air/ Nitrogen Gas Sampler.

2.0 SCOPE:

This SOP is applicable for cleaning and Operation of MCAS ECO Compressed Air/ Nitrogen Gas Sampler in the Quality control department.

3.0 RESPONSIBILITY:

Executive, Officer – Quality Control.

Head – Quality Control

4.0 PROCEDURE:

4.1 Operation:

- 4.1.1 Connect the compressed air/nitrogen gas sampling point outlet to the MCAS ECO sampler inlet and start compressed air/ Nitrogen gas supply.
- 4.1.2 Set the required pressure with the help of regulator.
- 4.1.3 Set the specified flow rate required for particular test (as per manufacturer's instruction) with the help regulator of rotameter.
- 4.1.4 Select the specific detector tube.
- 4.1.5 Carefully break both the ends of the detector tube.
- 4.1.6 The insert the detector tube into the rubber inlet of the rotameter pump with the arrow G on the tube pointing toward the pump.
- 4.1.7 Wait until the sampling time has elapsed.
- 4.1.8 Remove the tube from the pump. The read and record the indication at end of the color change layer.

4.2 Cleaning:

- 4.2.1 **Frequency:** Before and after Each use
- 4.2.2 Clean the sampler with a lint free duster dipped in filtered 70% v/v IPA.



PHARMA DEVILS
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4.3 Precautions:

- 4.3.1 Do not spill the glass when break the ends of detector tube.
- 4.3.2 Ensure calibration status of rotameter and pressure gauge located in compressed air/nitrogen gas sampler.
- 4.3.3 Ensure pressure and compressed air/nitrogen gas flow should be within limit required for specified Gastec tube.

5.0 ANNEXURE (S):

Nil

6.0 REFERENCE (S):

SOP: Preparation, Approval, Distribution, Control, Revision and Destruction of Standard operating Procedure (SOP).

7.0 ABBREVIATION (S)/DEFINITION (S):

V/V- Volume/Volume

SOP- Standard Operating Procedure.

REVISION CARD

S.No.	REVISION No.	REVISION DATE	DETAILS OF REVISION	REASON (S) FOR REVISION	REFERENCE CHANGE CONTROL No.
1	00	---	---	New SOP	-