PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

STANDARD OPERATING PROCEDURE	
Department: Quality Control	**SOP No.:**
Title: Procedure for Handling of Power Failures	**Effective Date:**
Supersedes: Nil	**Review Date:**
Issue Date:	**Page No.:**

1.0 OBJECTIVE:

To lay down a procedure for handling of power failures.

2.0 SCOPE:

This SOP is applicable for to all the instruments, which are used for analysis in Quality Control Laboratory.

3.0 RESPONSIBILITY – Execution – Executive QC.
Checked by – Assistant Manager QC.

4.0 ACCOUNTABILITY - Manager Quality Control

5.0 PROCEDURE:

5.1 Whenever there is power failure during the analysis, analyst shall switch off the instrument.

5.2 Analyst shall make entry in "Instrument usage log" in remark column and hard book for the power failure.

5.3 Analyst shall follow the SOP of respective instrument for the calibration /standardization/performance check.

5.4 Following actions shall be performed after power outage.

S.No.	Instrument	Procedure
1.	pH meter	To carry out standardization of instrument.
2.	Analytical balance/ Micro-balance/ precision balance	To carry out performance check of instrument.
3.	UV Spectrophotometer	To carry out initialization check of instrument.
4.	FTIR	To carry out Wave number accuracy checks of instrument.
5.	HPLC / GC	If run is in progress, inject the required solution (standard, sample whichever is continue) and check for the area variation before and after injections of power outage. It should within ± 2%, if more than 2 % then carry out system suitability.
6.	For other operations not involving analytical instrument	For sonicator, shaker, water bath and other non-qualitative instruments, consult with the Manager QC or designee for the appropriate action.

5.5 After completion of calibration, analyst shall fill the respective "Calibration log"/"Performance check", submit for the checking to the designated person along with the raw data and for the final approval of the Manager QC.

5.6 After the satisfactory calibration / performance check and final approval of Manager QC, shall allow to use the instrument.

6.0 SAFETY & PRECAUTIONS:

Not Applicable.

7.0 REVISION HISTORY:

Revision No.	Reason for Revision	Superseded from & Date

8.0 DISTRIBUTION:

Copy No.	Issuance Record				Withdrawal Record		Destruction Record	
	Date	Dept. issued	Name / Signature of receiver	Issued By Name / Signature	By	Sign/ Date	By	Sign/ Date

9.0 REFERENCES:

Not Applicable

10.0 ABBREVIATIONS & ANNEXURES:

SOP : Standard Operating Procedure

QA : Quality Assurance

No. : Number

QC : Quality Control

Annexures: Not Applicable