

Quality Management Section
STANDARD OPERATING PROCEDURE
Review Checklist

District:					
SOP Title:					
Revision Number:					Revision Date:
SOP SECTION		SECTION PRESENT			COMMENTS
		Yes	No	N/A	
Title Page					
Document Control (on each page following the Title Page)					
	Short Title or ID Number				
	Revision Number				
	Date				
	Page Number				
Table of Contents					
Introduction/Scope and Applicability					
Summary of Method					
Definitions of Terms/Acronyms					
Interferences					
Personnel Qualifications					
Health, Safety and Cautions					
Equipment and Supplies					
Procedures					
	Instrument Siting Requirements				
	Instrument Set-Up				
	Operation				
	Calibrations				
	Sample Collection and Handling				
	Routine Service Checks				

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SOP SECTION		SECTION PRESENT			COMMENTS
		Yes	No	N/A	
Procedures continued					
	Preventative Maintenance and Repairs				
	Troubleshooting				
Data Management and Record					
	Data Acquisition				
	Calculations				
	Data Storage/Transmittal				
Quality Control and Quality Assurance					
Reference Section					
Is SOP updated to reflect current instrument model being used?					
Has SOP been reviewed/revised within required frequency?					

Recommendation: _____ **Approve as is:** _____ **Request amendment:** _____

Reviewer Signature: _____ Date: _____

Peer Reviewer Signature: _____ Date: _____

Management Signature: _____ Date: _____

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Title Page - The title page or cover page of each SOP should contain the following information:

- Title that clearly identifies the activity or procedure
- SOP identification (ID) number
- Date of issue and/or revision
- Name of the applicable agency, division, and/or branch to which this SOP applies
- Signatures and signature dates of those individuals who prepared and approved the SOP (electronic signatures are acceptable for SOPs maintained in a computerized database)

Document Control – Document control should be on each page following the title page and should contain the following information:

- Short title (abbreviated version of the actual title) or SOP ID number
- Revision number (the number of times the SOP has been revised)
- Date of issue
- Page number and total number of pages (Page X of Y)

Table of Contents – A quick reference for locating specific information and for indicating revisions made only to certain sections of an SOP. The Table of Contents should include a section number and title, the page number in which the section begins, revision number and date the revision was incorporated.

Introduction/Scope and Applicability – Describes the purpose of the SOP, regulatory requirements and limits to the use of the SOP.

Summary of Method – Briefly summarizes the procedure.

Definition of Terms/Acronyms – Defines any uncommon terms and acronyms used throughout the SOP.

Interferences – Describes any component of the process that may interfere with the accuracy of the final product.

Personnel Qualifications – States the minimum experience the user of the SOP should have in order to complete the tasks satisfactorily, including any applicable requirements (i.e. certifications, training).

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Health, Safety and Cautions - Listed in this section and at critical steps in the procedure are operations that could result in personal injury or loss of life if the procedure is not followed or is followed incorrectly. Additionally, critical steps in the procedure should be identified that could result in equipment damage, degradation of sample, or invalidation of results.

Equipment and Supplies – Describes essential equipment, materials, reagents, chemical standards and biological specimens needed for the procedure.

Procedures – Identifies all pertinent steps, in the order they should be performed, including all materials needed to accomplish the method. Instrument SOPs should include the following

- Instrument siting requirements
- Instrument set-up
- Operation
- Calibrations
- Sample collection and handling
- Routine service checks
- Preventative maintenance and repairs
- Troubleshooting

Data Management and Records – Includes methods of data acquisition and reduction, calculations performed, forms used, reports written and data and record storage information.

Quality Control and Quality Assurance – This section describes QC materials and procedures that are required to demonstrate successful performance of the method. It should include frequency of QC checks, limits/criteria for QC results, actions required if QC results are not within limits/criteria, and procedures for reporting QC data and results.

Reference Section - Documents or procedures (such as related SOPs, published literature or other manuals) that interface with the SOP should be fully referenced, version included. Citations cannot substitute for the description of method being followed by the organization.

Is SOP updated to reflect current instrument model being used? – Indicate if the SOP matches the current instrument model being used.

Has SOP been reviewed/revised within required frequency? – Indicate if the SOP has been reviewed/revised within the required time period. Refer to the Quality Management Plan for required frequency of document review/revision.