



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
139 J Technology Drive, Garner, NC 27529, 703-836-0025

This is to certify that

South Dakota State Forensic Laboratory
1302 East Hwy 14, Suite 6
Pierre, SD 57501

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005 and the FBI QAS

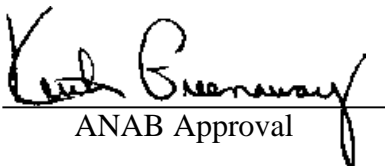
while demonstrating technical competence in the field of

FORENSIC TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1668

Certificate Number


ANAB Approval

Certificate Valid: 09/06/2016-09/06/2020
Version No. 005 Issued: 09/07/2016



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 and the FBI QAS

South Dakota State Forensic Laboratory

1302 East Hwy 14, Suite 6, Pierre, SD 57501

Stacey Smith Phone: 605-773-3673

FORENSIC TESTING

Valid to: September 6, 2020

Certificate Number: AT-1668

1.0 Materials Examined

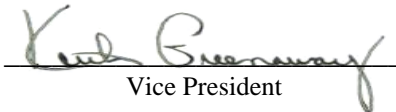
Category	Sub-Category/Activity	Analytical Techniques*
Biology	• Biological screening (body fluid id)	• 1.1, 1.2, 4.1, 8.0
	• DNA analysis in forensic casework	• 2.1.1, 2.1.2, 2.1.3, 2.2, 3.1, 8.0
	• DNA analysis for databasing ○ CODIS	• 2.1.1, 2.1.2, 2.2, 3.1, 8.0
Trace Materials	• Fibers	• 4.1, 7.1, 7.2, 8.0
	• Hairs	• 4.1, 8.0
Firearms/Toolmarks	• Weapons ○ Ammunition	• 4.1, 5.1, 5.3, 5.4, 8.0
	• Toolmarks	• 4.1, 5.1, 5.3, 5.4, 8.0
	• Serial number restoration	• 4.1, 8.0
	• Distance determination	• 5.3, 5.4, 8.0
	• Physical Match	• 4.1, 5.1, 5.3, 8.0
Latent Prints	• Development	• 8.0
Crime Scene	• Photography	• 8.0
	• Distance Measurements ○ Reconstruction Diagramming	• 8.0
	• Evidence Recovery	• 8.0
	• Latent Print Development	• 8.0

2.0 Analytical Technique/Test Method

•	1.0	Chemical Screening Tests
•	1.1	Immunoassay
•	1.2	Color
•	2.0	Genetic Analysis
•	2.1	DNA-PCR
•	2.1.1	Autosomal STR
•	2.1.2	Real time PCR
•	2.1.3	YSTR
•	2.2	Data analysis
•	3.0	Electrophoresis
•	3.1	Capillary
•	4.0	Microscopy
•	4.1	Optical
•	5.0	Physical Examination
•	5.1	Striation comparison
•	5.2	Friction ridge analysis
•	5.3	Pattern comparison, pattern recognition
•	5.4	Physical measurements (e.g., weight, volume, length, diameter, etc.)
•	6.0	Spectroscopy
•	6.1	Mass Spectrometry
•	7.0	Spectrophotometry
•	7.1	Visible microspectrophotometry
•	7.2	Infrared
•	8.0	General laboratory procedures

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1668.


Vice President