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#### SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

# APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

#### **INSTRUCTIONS TO APPLICANTS:**

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Tammie Hill-Secretary Board of Operator Certification 523 East Capitol-Foss Building Pierre, SD 57501-3181 Email: Tammie.hill@state.sd.us

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of \$60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail.

#### **GENERAL INFORMATION (Print legibly and fill out completely):**

1. Name	Brown	Zachary		James	
	Last	First		Middle	
2. Home Mai	ling Address 3452 C	urlew Dr, Berthoud	, CO 80513		
3. Phone 30	3-775-8072	Fax			
4. Email Add	ress brown.zachar1	1@hotmail.com			
5. Certificate	Now Held Water Di	stribution 4	_ From Whic	h State Colorado	
6. Was an exa	am passed to acquire the	nis certificate?	Check one.	Yes ☑ No □	
7. Was this ce	ertificate obtained thru	reciprocity?	Check one.	Yes □ No 🗹	
8. Is this certi	ficate valid with all fe	es up-to-date?	Check one.	Yes ☑ No □	
9. Have you e	ever been certified in S	outh Dakota before?	Check one.	Yes □ No 🗹	

#### **EDUCATION AND TRAINING**

College/Vo-tech 1	Vame	Dates Attended	Major	Date Graduated
st other education	nal courses c	ompleted such as correspond	ence school, operators' s	hort courses, etc. Give date,
ame, and location		ses. courses (see attached cer	tificatos): 1/4/23 Intro	to Wastewater A Plant
Overview, 12/20	/22 Drinking	Water & Distrbution Regu	latory Course, 12/19/2	22 Regulatory Training for
Nastewater & Ir	ndustrial WW	1,9/22/22 Collection Inspec	tion Part 2, 9/21/22 C	ollection Inspection Part 1, s of training units with over 14
nonths of opera	ting experie	nce verifiable through Cold	rado Certified Water	Professionals.
/ATER/WASTI	EWATER O	PERATION EXPERIENCE		
resent Position T	<sub>itle</sub> Water L	Itility Technician Lead	Date Emplo	yed May 21st, 2018 to current
		niel Gurrola, Utilities Mai		
upervisor Name	and Title Da	The Carrola, Clinico Mai	Theriance capervice	
escribe in detail	your daily du	ties. (Be Specific!)		
Supervise cre	w, conduct	safety trainings, meet w	ith contractors to en	sure work is completed to c
state standard	ls, fix water	· main breaks, check chl	orine levels, inspect	and repair water holding ta
repair and ma	ls, fix water intain smal	· main breaks, check chl l equipment, perform rou	orine levels, inspect tine maintenance ar	and repair water holding tand inspect pumps and pump
repair and ma respond on-si	ls, fix water <u>intain smal</u> te to emerg	· main breaks, check chl l equipment, perform rou	orine levels, inspect tine maintenance ar quality, rectify SCAD	and repair water holding ta nd inspect pumps and pump A alarm codes and sensor
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## GENERAL INFORMATION (Print legibly and fill out completely):

1. Name	Brown	Zachary		James	
	Last	First		Middle	
2. Home Ma	iling Address 3452 C	urlew Dr, Berthoud	, CO 80513		
3. Phone 30	03-775-8072	Fax			
4. Email Add	dress_brown.zachar1	1@hotmail.com			
	Now Held Wastewa		_ From Which	h State Colorado	
6. Was an ex	am passed to acquire th	nis certificate?	Check one.	Yes ♥ No □	
7. Was this c	ertificate obtained thru	reciprocity?	Check one.	Yes □ No 🗹	
8. Is this cert	tificate valid with all fee	es up-to-date?	Check one.	Yes ☑ No □	
9. Have you	ever been certified in S	outh Dakota before?	Check one.	Yes 🗆 No 🗹	

## **EDUCATION AND TRAINING**

	Vame	Dates Attended	Major	Date Graduated
et other education me, and location		npleted such as corresponders.	ence school, operators' sh	ort courses, etc. Give date,
Overview, 12/20 <u>Vastewater &amp; I</u> /20/22 Lift Sta	0/22 Drinking ' <u>ndustrial WW,</u> tions, 9/14/22	9/22/22 Collection Inspec	ulatory Ćourse, 12/19/2 ction Part 2, 9/21/22 Co ns. Additional 81 hours	22 Regulatory Training for ollection Inspection Part 1, s of training units with over 140
ATER/WASTE	EWATER OPE	CRATION EXPERIENCE		
esent Position T	itle Water Util	ity Technician Lead	Date Employ	ed May 21st, 2018 to current
		el Gurrola, Utilities Mai		
		s. (Be Specific!)		
•		•	h	ure work in completed to eity
tate standards	s, repair sewe	er mains and taps. calil	orate and maintain flo	ure work is completed to city ow meters, inspect, repair, a
naintain lift sta	tions,repair p	oumps, respond on-site	to emergencies, res	spond to level alarms in pum versee sewer lining projects,
tations, use C se hydraulic i	ettina eauipm	ect sewer mains and se nent to clean sewer ma	ervice connections, of ins, ect.	versee sewer lining projects,
	<u> </u>			
st other job expe	rience which yo	ou feel will pertain to your	certification qualification	S.
J 1			Specific Job Duties	
Pates 12/18/2021-	Employer Nar		Specific Job Duties Lead a crew in the r	repair and maintenance of
Pates 12/18/2021- current 5/21/18 -	Employer Nar City of Long	me/Location	Specific Job Duties Lead a crew in the r water and wastewar	repair and maintenance of
Dates  12/18/2021- current  5/21/18 - 12/18/21  05/01/2011-	Employer Nar City of Long City of Long	me/Location gmont, Longmont CO	Specific Job Duties Lead a crew in the r water and wastewa	repair and maintenance of ter utilities
Dates  12/18/2021- current  5/21/18 - 12/18/21  05/01/2011- 05/20/2018  hereby certify th	Employer Nar City of Long City of Long Affordable S at this applicat	me/Location gmont, Longmont CO gmont, Longmont CO ervices, Fort Lupton CO	Specific Job Duties Lead a crew in the r water and wastewa Water and wastewa Commercial and resid	repair and maintenance of ter utilities ater repair and maintenance
Dates  12/18/2021- current  5/21/18 - 12/18/21  05/01/2011- 05/20/2018  hereby certify the ven is true and contact the contact true and contact the contact true and contact tru	Employer Natical City of Long City of Long Affordable S at this application of the complete.	me/Location gmont, Longmont CO gmont, Longmont CO ervices, Fort Lupton CO ion contains no willful mis	Specific Job Duties Lead a crew in the r water and wastewa Water and wastewa Commercial and resid	repair and maintenance of ter utilities ater repair and maintenance dential plumbing and excavation ications and that the information
Dates  12/18/2021- current  5/21/18 - 12/18/21  05/01/2011- 05/20/2018  hereby certify the ven is true and contact the contact true and contact the contact true and contact tru	Employer Natical City of Long City of Long Affordable S at this application of the complete.	me/Location gmont, Longmont CO gmont, Longmont CO ervices, Fort Lupton CO ion contains no willful mis	Specific Job Duties Lead a crew in the r water and wastewa Water and wastewa Commercial and resid	repair and maintenance of ter utilities ater repair and maintenance dential plumbing and excavation ications and that the information
Dates  12/18/2021- current  5/21/18 - 12/18/21  05/01/2011- 05/20/2018  hereby certify the ven is true and contact the contact true and contact the contact true and contact tru	Employer Natical City of Long City of Long Affordable S at this application of the complete.	me/Location gmont, Longmont CO gmont, Longmont CO ervices, Fort Lupton CO ion contains no willful mis	Specific Job Duties Lead a crew in the r water and wastewa Water and wastewa Commercial and resid	repair and maintenance of ter utilities ater repair and maintenance dential plumbing and excavation ications and that the information
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#### GENERAL INFORMATION (Print legibly and fill out completely):

1. Name	Brown	Zachary		James
	Last	First		Middle
2. Home Mail	ing Address 3452 Cu	urlew Dr, Berthoud	, CO 80513	
3. Phone 303	3-775-8072	Fax		
4. Email Addı	ess brown.zachar1	1@hotmail.com		,
5. Certificate l	Now Held Wastewa	ter Treatment D	_ From Whic	h State Colorado
6. Was an exa	m passed to acquire th	is certificate?	Check one.	Yes ☑ No □
7. Was this ce	rtificate obtained thru	reciprocity?	Check one.	Yes □ No 🗹
8. Is this certif	ficate valid with all fee	s up-to-date?	Check one.	Yes ☑ No □
9. Have you e	ver been certified in So	outh Dakota before?	Check one.	Yes □ No 🗹

### **EDUCATION AND TRAINING**

College/Vo-tech N	lame	Dates Attended	Major	Date Graduated
name, and location Indigo Water Gro Overview, 12/20 Wastewater & In	of such course oup training of /22 Drinking	courses (see attached cert Water & Distrbution Regul 9/22/22 Collection Inspec	ificates): 1/4/23 Intro to Water atory Course, 12/19/22 R tion Part 2. 9/21/22 Collec	Vastewater A Plant Regulatory Training for ction Inspection Part 1,
9/20/22 Lift Stati	ons, 9/14/22 tina experien	Intro to Collection System ce verifyable through Colo	is. Additional 81 hours of orado Certified Water Pro	trainig units with over 140 fessionals.
		ERATION EXPERIENCE		
Present Position Ti	tle Water Ut	ility Technician Lead	Date Employed _	May 21st, 2018 to current
Supervisor Name a	nd Title Dan	iel Gurrola, Utilities Mair	ntenance Supervisor	-
		es. (Be Specific!)		
•		rainings, assist wastewater to	reatment plant in repair, mai	intenance, and operation of
			<del></del>	ected samples for lab testing,
				ensuring sound opperation of
controls systems, r	espond on-site	e to emergencies, rectify alar	m issues during and after h	ours ect.
List other job expe	rience which y	ou feel will pertain to your c	ertification qualifications.	
Dates	Employer Na	me/Location	Specific Job Duties	
12/18/2021- current		ngmont, Longmont CO		pair and maintenance of rutilities
5/21/18 - 12/18/21	City of Lo	ngmont, Longmont CO		er repair and maintenance
5/1/11 - 5/21/18	Affordable	Services, Fort Lupton CO	Commercial and residen	itial plumbing and excavation
I hereby certify the given is true and co		tion contains no willful mis	representations or falsificat	cions and that the information
Signature Zaci	hary Bro	wn	Date 03/14/2023	
	0			
		Oper#		
		Cert Date Reciprocity Approved	Yes □ No □	
		Certificate Awarded		
		Cash	Check	
		DENR Use	Only	

## STATE OF COLORADO

COLORADO WATER and WASTEWATER FACILITY OPERATORS CERTIFICATION BOARD

Be it known that

# **Zachary Brown**

is hereby Certified as a

Class 4 Wastewater Collection System Operator, also designated as a Colorado Certified Water Professional (CWP),

having qualified by Article 9 of Title 25, C.R.S., effective May 23, 2000, and in accordance with the Rules and Regulations adopted by the Colorado Water and Wastewater Facility Operators Certification Board.

Date Issued: 09-26-2022

Expires: 09-25-2025

Secretary of Board

CWP-C4-01355-0922

Certificate Number

**Board Chairperson** 

In Witness whereof I have subscribed my name and affixed the seal of the State of Colorado Certification Board.

# STATE OF COLORADO

COLORADO WATER and WASTEWATER FACILITY OPERATORS CERTIFICATION BOARD

Be it known that

# **Zachary Brown**

is hereby Certified as a

Class 3 Water Distribution System Operator, also designated as a Colorado Certified Water Professional (CWP),

having qualified by Article 9 of Title 25, C.R.S., effective May 23, 2000, and in accordance with the Rules and Regulations adopted by the Colorado Water and Wastewater Facility Operators Certification Board.

Date Issued: 12-22-2020

OF COLOPPIDE OF THE PROPERTY O

Expires: 12-21-2023

Robi Doney

Secretary of Board

CWP-D3-01470-1220

Certificate Number

Board Chairperson

 $In\ Witness\ whereof\ I\ have\ subscribed\ my\ name\ and\ affixed\ the\ seal\ of\ the\ State\ of\ Colorado\ Certification\ Board.$ 

## STATE OF COLORADO

COLORADO WATER and WASTEWATER FACILITY OPERATORS CERTIFICATION BOARD

Be it known that

# Zachary Brown

is hereby Certified as a

Class D Water Treatment Operator, also designated as a Colorado Certified Water Professional (CWP),

having qualified by Article 9 of Title 25, C.R.S., effective May 23, 2000, and in accordance with the Rules and Regulations adopted by the Colorado Water and Wastewater Facility Operators Certification Board.

Date Issued: 01-06-2023

THE COLORD TO TH

Expires: 01-05-2026

ila Ocethame Secretary of Board CWP-WD-00038-0123

Certificate Number

**Board Chairperson** 

In Witness whereof I have subscribed my name and affixed the seal of the State of Colorado Certification Board.



## **CERTIFICATE OF COMPLETION**

Zach	Brown	

	•	d On-Line Course: o Wastewater: A Plant Ove	erview
		ary 5, 2023	
Course Instructor: S. II		o, PE, CWP, PO ch State	my Innecebner
Colorado Approval No. Maximum TUs Water TUs Wastewater TUs Industrial TUs Distribution TUs Collection TUs Approvals must be rene	23-06006-001  0.20  0.00  0.20  0.20  0.00  0.00  ewed annually.	Idaho See approvals for Nevada, Wy Indiana Approval No. Technical Contact Hours General Contact Hours Approvals expire on 12/31/202	WWT23-3462-T02-G00 2.0 0
Kansas (approvals pen Approval No. Water Hours Wastewater Hours Audience	ding)	Maryland Course Code Approved Categories Process / Non Approved Hours	5993-16-11 All WW and All IWW Non-Process 1.5
Nebraska Municipal Hours Industrial Hours	1.5 0.0	New Mexico Hours Approved Approvals must be renewed	2.0 TC annually.
Nevada Wastewater A Course No CEU Hours Approval Type Approvals expire on 11	NV22-149 2.0 WW	Nevada Drinking Water App Drinking Water Hours Total Course Length Approvals expire on 10/01/2	Half of Wastewater 2.0
Ohio Approval No. Approved Hours	IWG-S4001-OM 2.0 WW Only	Tennessee  Activity Number  Total Course Length, hours  Wastewater Hours	R23142 2.0 2

Approval No.	IVVG-S4001-OIVI
Approved Hours	2.0
Audience	WW Only
Indigo Water Group is	s an approved course provider in Ohio.

Utah (approvals pend	ing)
Approval No.	
Approved Hours	
Audience	

Activity Number	R23142
Total Course Length, hours	2.0
Wastewater Hours	2
Water Hours	0
Distribution Hours	and a simplest the support or the control of the Co
Collection Systems Hours	

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## CERTIFICATE OF COMPLETION

Zach	Brown	

Completed On-Line Course:

WWT-001 Introduction to Wastewater: A Plant Overview

On:	Januar	y 5,	2023	

Course Length: 2.0 hours

Course Provider: Indigo Water Group, Sidney Innerebner, PhD, PE, CWP, PO

Course Instructor: S. Innerebner, PhD, PE

Training Units / Continuing Education Credits Approved for Each State

,	Sidney Annerebner	
	0	

Washington State	
Approval No.	ECY22-3114
Approved CEUs	0.2
Washington round	s all approvals down to the nearest hour.
Annrovals expire o	n 07/22/2025

Approvals expire on 07/22/2025

Approval No.	19xt-pi3n
Municipal Waterworks	0.0
Wastewater	1.5

Wyoming	<b>大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大</b>
Catalog No	2022.0728
Area	WW
Training Hours	2
Core Hours	Yes
Rules Hours	No

Approvals must be renewed annually.

Also Accepted By		
California	Operator must request	
	approval. Courses are	
	accepted, but not pre-	
	approved.	



## WASTEWATER OPERATOR/APPRENTICE CONTINUING EDUCATION CREDIT REPORT

State Form 51139 (R3 / 4-08) INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT To ensure proper credit, the wastewater approval number MUST be provided.

Training Course Approval Number: WWT23-3462-T02-G00

□Operator □Apprentice

Technical Contact Hours Earned: 2.0

General Contact Hours Earned:

\_\_\_\_

#### INSTRUCTIONS:

In accordance with 327 IAC 5-22-17(c), the training provider **must** submit this form within ninety (90) days of the conclusion of the wastewater treatment continuing education course. Mail the completed form to:

Wastewater Continuing Education Coordinator Indiana Dept. of Environmental Management 100 N. Senate Ave - Mail Code 65-42 Indianapolis, IN 46204-2251

- Incomplete forms will be returned to the training course provider for completion and resubmittal to IDEM.
- Partial course credit shall not be given to instructors, speakers, or students participating in less than a complete wastewater treatment continuing education course.
- The training provider must retain a copy of this form for their records for a three (3) year period following the presentation of each wastewater treatment continuing education course.
- Training providers are encouraged to provide a copy of the completed and signed credit reporting form to the certified operator/apprentice attending the entire wastewater operator continuing education course.

#### CERTIFIED OPERATOR/APPRENTICE INFORMATION 1. NAME: Zach Brown 2. ADDRESS (number and street): ZIP code: Telephone number: State: City: Work: □ Home/Cell: 🗆 E-mail Address: Check here if this is an address change □ **COURSE INFORMATION** 3. NAME OF TRAINING COURSE: WWT-001 Introduction to Wastewater: A Plant Overview 5. NAME OF ORGANIZATION SPONSORING COURSE: 4. NAME OF TRAINING COURSE PROVIDER: Indigo Water Group Indigo Water Group 7. LOCATION ATTENDED: 6. DATE(S) ATTENDED (month, day, year): January 5, 2023 online at www.indigowatergroup.com 8. TOTAL NUMBER OF CONTACT HOURS ATTENDED BY CERTIFIED OPERATOR/APPRENTICE AND VERIFIED BY INSTRUCTOR AND TRAINING COURSE PROVIDER: General Contact Hours: Technical Contact Hours: 0 2.0 9. CERTIFICATE OF COMPLETION IS REQUIRED FOR ALL ON-LINE COURSES. I, the undersigned, certify under penalty of law that this document (and any attachments) were prepared under my direction or supervision and that the information submitted is, to the best of my knowledge and belief, true, accurate, and correct. I also understand that any omissions or misrepresentations may result in the denial of continuing education credit for this course. 11 PRINTED NAME OF INSTRUCTOR: 10. SIGNATURE OF INSTRUCTOR: 13. PRINTED NAME OF CERTIFIED OPERATOR/APPRENTICE: 12. SIGNATURE OF CERTIFIED OPERATOR/APPRENTICE: 14. CONTINUING EDUCATION CREDIT HOURS ARE TO BE APPLIED TO: Expiration date: Operator certification/apprentice number: Class: Expiration date: Operator certification/apprentice number: Class:



## CERTIFICATE OF COMPLETION

Zach Brown

Completed On-Line Course: COL-001 Introduction to Collections Systems

On: \_\_\_\_\_ September 14, 2022

Course Length: 1.50 hours

Course Provider: Indigo Water Group, Sidney Innerebner, PhD, PE, CWP, PO

Course Instructor: S. Innerebner, PhD, PE

Approval No.	22-06000-002
Maximum TUs	0.15
Water TUs	0.00
Wastewater TUs	0.00
Industrial TUs	0.00
Distribution TUs	0.00
Collection TUs	0.15

Maryland	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.
Course Code	5987-16-11
Approved Categories	All WW, All IWW, All WWC
	Operators
Process / Non	Non-Process
Approved Hours	1.0

Nevada Wastewater	Approval (NWEA)
Course No	NV19-513
CEU Hours	2.0
Wastewater	WW

New Mexico	
Hours	1.5 TC

Washington State	
Approval No.	ECY19-2128
Approved CEUs	0.1
Note: Washington	rounds all class approvals down to the
nearest hour.	

Wyoming	
Catalog No	2022.0726
Area	ww, c
Training Hours	1.5
Core Hours	No
Rules Hours	No

E, CWP, PO	Sidney	Land		
tate	Glarie	STRILL	woner	
Idaho	<b>图图 【图】</b>			
See approvals fo	or Nevada, Wyomii	ng, or Washi	ngton	
<b>8</b> 0.0 m · · · ·				

Indiana	生故多数 医脑炎 人名美国
Approval No.	WWT18-3441-T1.5-G00
Technical Contact Hours	1.5
General Contact Hours	0.0

Nebraska	<b>"自然实施贷款"。</b>
Municipal Hours	1.5
Industrial Hours	0.0

Nevada Drinking Water Approval (NDEP)		
Hours Approved	Half of Wastewater	
Hours Attended	1.50	

Ohio	
Approval No.	IWG-S3001-OM
Approved Hours	1.5
Audience	WW Only

Wisconsin	
Approval No.	8xkq-0k9n (expired)
Municipal Waterworks	0.0
Wastewater	1.0

Also Accepted By	
California	Operator must request
Utah	approval. Courses are
	accepted, but not pre-
	approved.



## CERTIFICATE OF COMPLETION

Zach Brown

Completed On-Line Course: COL-004 Lift Stations

On: September 20, 2022

Course Length: 1.00 hours

Course Provider: Indigo Water Group, Sidney Innerebner, PhD, PE, CWP, PO

Course Instructor: S. Innerebner, PhD, PE

Colorado	
Approval No.	22-06003-001
Maximum TUs	0.10
Water TUs	0.00
Wastewater TUs	0.10
Industrial TUs	0.10
Distribution TUs	0.00
Collection TUs	0.10

Maryland	
Course Code	5990-16-11
Approved Categories	All WW, All IWW, All WWC
	Operators
Process / Non	Non-Process
Approved Hours	1.0

Nevada Wastewater	Approval (NWEA)
Course No	NV19-516
CEU Hours	1.0
Wastewater	WW

New Mexico	
Hours	1.0 TC

Washington State	
Approval No.	ECY19-2131
Approved CEUs	0.1
Note: Washington round	ls all class approvals down to the
nearest hour.	

Wyoming	
Catalog No	2022.0734
Area	WW, C
Training Hours	1
Core Hours	No
Rules Hours	No

E, CWP, PO	Sidney	Land	
tate	Guariy	STRIKE	econer
Idaho See approvals fo	or Nevada, Wyomir	ng, or Washin	gton
3			

Indiana	<b>透瓶 2条 图 图</b>
Approval No.	WWT18-3344-T01-G00
Technical Contact Hours	1.0
General Contact Hours	0.0

Nebraska	
Municipal Hours	1.0
Industrial Hours	1.0
was a summaria a summa	

Nevada Drinking Water Approval (NDEP)		
Hours Approved	Half of Wastewater	
Hours Attended	1.00	

Ohio	4 1 20 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Approval No.	IWG-S3004-OM
Approved Hours	1.0
Audience	WW Only

Wisconsin	
Approval No.	7nmw-lig1 (expired)
Municipal Waterworks	0.0
Wastewater	1.0

Also Accepted By	
California	Operator must request
Utah	approval. Courses are
	accepted, but not pre-
	approved.



## CERTIFICATE OF COMPLETION

Zach Brown

Completed On-Line Course: COL-002 Collection System Inspection, Testing, and Cleaning - Part 1

On:	Septem	ber 21,	2022

Course Length: 2.50 hours

Course Provider: Indigo Water Group, Sidney Innerebner, PhD, PE, CWP, PO

Course Instructor: S. Innerebner, PhD, PE

Colorado	
Approval No.	22-06001-002
Maximum TUs	0.25
Water TUs	0.00
Wastewater TUs	0.00
Industrial TUs	0.00
Distribution TUs	0.00
Collection TUs	0.25

Maryland	
Course Code	5988-16-11
Approved Categories	All WW, All IWW, All WWC
	Operators
Process / Non	Non-Process
Approved Hours	1.5

Nevada Wastewater Approval (NWEA)				
Course No	NV19-514			
CEU Hours	2.0			
Wastewater	WW			

New Mexico	
Hours	2.5 TC

Washington State	
Approval No.	ECY19-2129
Approved CEUs	0.2
Note: Washington round	ds all class approvals down to the
nearest hour.	

Wyoming	
Catalog No	2022.0712
Area	WW, C
Training Hours	2.5
Core Hours	No
Rules Hours	No

, CWP, PO	Sidney	here	
tate	Elany	STRICE	eoner
Idaho	10.0	書 (標)	181.87
See approvals for N	levada, Wyomii	ng, or Washir	gton
hannan de		the gifty and the second secon	

Indiana	11.6为富多。 《 2012
Approval No.	WWT18-3442-T02-G00
Technical Contact Hours	2.0
General Contact Hours	0.0

Nebraska	A 2000 10 A 2000 B 10
Municipal Hours	2.0
Industrial Hours	0.0
Name of all all Hamiltonia report communications a most auditable regions ( constraints) throughout continue of	

Nevada Drinking Water Approval (NDEP)			
Hours Approved	Half of Wastewater		
Hours Attended	2.50		

Ohio	
Approval No.	IWG-S3002-OM
Approved Hours	2.5
Audience	WW Only

Wisconsin	
Approval No.	53r9-resd (expired)
Municipal Waterworks	0.0
Wastewater	2.0
THE STATE OF THE S	

California	Operator must request
Utah	approval. Courses are
	accepted, but not pre-
	approved.



## CERTIFICATE OF COMPLETION

Zach Brown

Completed On-Line Course: COL-003 Collection System Inspection, Testing, and Cleaning - Part 2

On:	September	22,	2022	

Course Length: 2.50 hours

Course Provider: Indigo Water Group, Sidney Innerebner, PhD, PE, CWP, PO

Course Instructor: S. Innerebner, PhD, PE

Colorado	
Approval No.	22-06002-002
Maximum TUs	0.25
Water TUs	0.00
Wastewater TUs	0.00
Industrial TUs	0.00
Distribution TUs	0.00
Collection TUs	0,25

Maryland		
Course Code	5989-16-11	
Approved Categories	All WW, All IWW, All WWC	
	Operators	
Process / Non	Non-Process	
Approved Hours	1.5	

Nevada Wastewater Approval (NWEA)		
Course No	NV19-515	
CEU Hours	2.0	
Wastewater	WW	

New Mexico	
Hours	2.5 TC

Washington State	
Approval No.	ECY19-2130
Approved CEUs	0.2
Note: Washington round	Is all class approvals down to the
nearest hour.	

Wyoming	
Catalog No	2022.0713
Area	ww, c
Training Hours	2.5
Core Hours	No
Rules Hours	No

E, CWP, PO	Sidney	1		
State	Gianey	Anni	lloner	
Idaho See approvals fo	or Nevada, Wyomir	ıg, or Washi	ngton	
	ateming at the second is highly all most of 1990 through a complete to the second of t	A.T. A. Asset To company of the control of	A Committee of the Comm	

Indiana	
Approval No.	WWT18-3443-T02-G00
Technical Contact Hours	2.0
General Contact Hours	0.0

Nebraska	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Municipal Hours	2.0
Industrial Hours	0.0

Nevada Drinking Water Approval (NDEP)		
Hours Approved	Half of Wastewater	
Hours Attended	2.50	

Ohio	
Approval No.	IWG-S3003-OM
Approved Hours	2.5
Audience	WW Only

Wisconsin		
Approval No.	7nmw-lifz (expired)	
Municipal Waterworks	0.0	
Wastewater	2.0	

Also Accepted By California	Operator must request
Utah	approval. Courses are
	accepted, but not pre-
	approved.
The second secon	

# CERTIFICATE OF COMPLETION

Indigo Water Group, LLC
This Certificate is Hereby awarded to:

## Zach Brown

In Recognition of 2.5 hours Participation

Minimum Regulatory Training (MRT)
for
Wastewater Treatment and Collection Systems

Presented on: December 20, 2022

CCWP Approval No. 22-06840-002

TUs earned: 0.0 Water; 0.25 Wastewater; 0.25 Industrial Wastewater; 0.25 Collection; 0.0 Distribution



Sidney Sunsebner Sidney Inberebner, PhD, PE, CWP, PO

# CERTIFICATE OF COMPLETION

Indigo Water Group, LLC
This Certificate is Hereby awarded to:

Zach Brown

In Recognition of 2.5 hours Participation

Minimum Regulatory Training (MRT) for Drinking Water and Distribution Systems

Presented on: December 21, 2022

CCWP Approval No. 22-06743-002

 $TUs\ earned: \underline{0.25}\ Water; \underline{0.0}\ Wastewater; \underline{0.0}\ Industrial\ Wastewater; \underline{0.0}\ Collection; \underline{0.25}\ Distribution$ 



Sidney Annuelsner Sidney Inberebner, PhD, PE, CWP, PO

# COLORADO CERTIFIED WATER PROFESSIONALS WATER & WASTEWATER CERTIFICATION

## Entry level education requirement

- High school diploma or GED.
- Substitution:
  - o an additional 6 months of qualifying experience AND
  - o completion of 1.0 training units in a course approved as a substitute for entry-level experience requirements.
  - o approved courses can be easily found by searching the <u>course catalog</u>. (Simply check the second to the last box on the page and click on the "Search" button.)

## Entry level experience requirement

- 1 month hands-on experience obtained under the supervision of a certified operator in responsible charge.
- Substitution:
  - o completion of a course of study approved as substitution for the 1 month hands-on experience requirement (usually 35 or more hours)
    - approved course of study can be easily found by searching the <u>course catalog</u>. (Simply check the last box on the page and click on the "Search" button.)
  - OR completion of an approved apprenticeship.

## Mandatory regulatory training requirement

- Completion of a regulatory course approved to meet this requirement.
  - course must be approved for desired certificate category:
    - water/distribution, or
    - wastewater/collection.
- A free, online version of each course is available from the <u>Mandatory regulatory training (MRT) courses</u> page.
- A single course completion may be applied to multiple certificates.
  - o Course must be approved for the applicable certificate categories.
- Each completion of an approved regulatory course is valid for three (3) years.
- For more information, see <u>Board Guidance 19-1, Guidance for Mandatory Regulatory Training</u>.

## **Requirements For Advanced Certifications:**

<b>Certification Class</b>	Prior Certification Required <sup>1</sup>	Minimum Experience Required
Class C	Class D or Class S	2 Years
Class 2	Class 1 or Class S	2 Years
Class B	Class C	3 Years
Class 3	Class 2	3 Years
Class A	Class B	4 Years
Class 4	Class 3	4 Years

## SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

# APPLICATION FOR OPERATOR CERTIFICATION THROUGH RECIPROCITY

#### **INSTRUCTIONS TO APPLICANTS:**

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Tammie Hill-Secretary Board of Operator Certification 523 East Capitol-Foss Building Pierre, SD 57501-3181 Email: tammie.hill@state.sd.us

Applications for certification through reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of \$60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail.

Operator Certification Web Site-https://danr.sd.gov/OfficeOfWater/OperatorCert/default.aspx

#### **GENERAL INFORMATION (Print legibly and fill out completely):**

1. Name	Nelson	Brooke		Joelle
	Last	First		Middle
2. Home M	ailing Address 2512	5 Lyndale A	ve	
	Slow	Falls, SD	57105	
3. Phone _	605-261-722	Fax	-	
4. Email Ac	ddress <u>Nelsonb</u>	374@ yaha	mos, oc	
5. Certifica	te Now Held \www.5	0014367 01	àSS ← _ From Whicl	State Texas
6. Was an e	exam passed to acquire th	is certificate?	Check one.	Yes ⊠ No □
7. Was this	certificate obtained throu	ugh reciprocity?	Check one.	Yes □ No 💢
8. Is this ce	rtificate valid with all fee	es up-to-date?	Check one.	Yes ⋈ No □
9. Have you	a ever been certified in S	outh Dakota before?	Check one.	Yes □ No 🌣

## **EDUCATION AND TRAINING**

eck one. Yes 🗖 No 🗆	GED □ If no, year completed	
Dates Attended	Major	Date Graduated
1992-1994	An mal Schence	
1997-199	8	
-		
Kens using ch Using chlora	n ines	
	Date Employed	
(Be Specific!)		
feel will pertain to your ce	rtification qualifications.	
/Location	Specific Job Duties	
orphy Corporation	water operator in	distributor
Marlin texas	water operator in	water Plant
o contains no willful misro	epresentations or falsifications a	nd that the information
	Date03/13/23	3
	Dates Attended  1992-1999  Letted such as correspondent  Face Water  Hem S using chlora,  ATION EXPERIENCE  (Be Specific!)  Texas  Marlin texas  Marlin texas	(Be Specific!)  feel will pertain to your certification qualifications.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

#### **BROOKE NELSON**

Is hereby licensed as a

SURFACE WATER TREATMENT OPERATOR

Class

License Number

Expires

Cias

WS0014367

706/19/2023

Brode Allan SIGNATURE

EXECUTIVE DIRECTOR

TCEQ, MC-178
Texas Occupational Licensing
PO Box 13087
Austin, TX 78711-3087
licenses@tceq.texas.gov

RE: Operator Certification

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate through reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 18, 2023) as to whether certification should be granted.

Name Brooke J. Nelson
Address 2512 S. Lyndale Ave
Sioux Falls, SD 57501
License(s) Held Class C Surface Water Treatment – License # WS0014367 (Texas)
What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?  High School or GED
Tright School of GLD
What is the work experience requirement for this license(s)?
Two years of experience, one of which must be "hands-on". Applicants may substitute up to on
year of experience with college hours or additional TCEQ approved water operator training.
Was a written exam taken to gain this license(s)? Yes
What type of questions is on the exam? Multiple choice
What is the minimum score to pass the exam?70

Is your certification program mandatory? Yes
Is this license(s) valid at this time? Yes, until 06/19/2023
Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.
Yes
Comments
Name and title of person completing this form-  Velma Fuller, License and Permit Specialist IV
Please check which certificates your agency issues-
X Water Treatment X Water Distribution
X Wastewater Treatment X Wastewater Collection
South Dakota's Operator Certification Law can be found at- <u>https://sdlegislature.gov/Statutes/Codified_Laws/2058273</u>
Our regulations are contained within- <a href="https://sdlegislature.gov/Rules/Administrative/27258">https://sdlegislature.gov/Rules/Administrative/27258</a>
Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. <b>Please email or fax your reply if possible.</b> If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.
Sincerely,
Tammie Hill – Secretary  30 Texas Administrative Code (TAC), Chapter 30, Subchapter K 30 TAC, Chapter 290

Tammie Hill – Secretary Board of Operator Certification 523 E Capitol Pierre SD 57501 Phone: 605-773-3577

Fax: 605-773-5286

E-mail: <a href="mailto:tammie.hill@state.sd.us">tammie.hill@state.sd.us</a>
Web Site: <a href="https://danr.sd.gov/OfficeOfWater/OperatorCert/default.aspx">https://danr.sd.gov/OfficeOfWater/OperatorCert/default.aspx</a>

# TEXAS COMMISION ON ENVIRONMENTAL QUALITY OCCUPATIONAL LICENSES: WATER SYSTEM OPERATORS

### Class C Licensing Requirements (Surface, Groundwater, and Distribution)

#### **Education and Work Experience Requirements**

- Education: High School diploma or GED
- Work Experience: two years of experience, one of which must be "hands-on". At least one half of the work experience must be obtained in the specific field for the license that is requested.

#### Acceptable Work Experience Substitute

Applicants may substitute up to one year of experience with college hours or additional TCEQ approved water operator training.

- 32 semester hours of college or 40 additional hours of approved training for one year of work experience
- 16 semester hours of college or 20 additional hours of approved training for six months of work experience

Note: For laboratory experience to be fully acceptable towards operator licensing, the laboratory must be owned and operated by the public water system and the laboratory personnel must consult on a daily basis with a public water system's licensed operator personnel.

### **Training Courses**

#### Water approved training

Class C Surface Water	Class C Groundwater	Class C Distribution
Core	Core	Core
<ul> <li>Basic Waterworks         Operation</li> <li>Surface Water         Production I</li> <li>Surface Water</li> </ul>	<ul> <li>Basic Waterworks</li></ul>	<ul> <li>Basic Waterworks     Operation</li> <li>Water Distribution</li> <li>Plus one elective course</li> </ul>
Production II	Electives	Electives
Electives	<ul><li>Water Distribution</li><li>Water Laboratory</li></ul>	Water Laboratory     Water Utility Safety
• None	<ul> <li>Water Utility Safety</li> <li>Water Utility Calculations</li> <li>Chlorinator Maintenance</li> <li>Pump and Motor Maintenance</li> <li>Valve and Hydrant Maintenance</li> </ul>	<ul> <li>Water Utility Calculations</li> <li>Chlorinator Maintenance</li> <li>Pump and Motor         Maintenance</li> <li>Valve and Hydrant         Maintenance</li> </ul>



# SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

# APPLICATION FOR OPERATOR CERTIFICATION THROUGH RECIPROCITY

#### **INSTRUCTIONS TO APPLICANTS:**

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Tammie Hill-Secretary Board of Operator Certification 523 East Capitol-Foss Building Pierre, SD 57501-3181 Email: tammie.hill@state.sd.us

Applications for certification through reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of \$60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail.

Operator Certification Web Site-https://danr.sd.gov/OfficeOfWater/OperatorCert/default.aspx

### **GENERAL INFORMATION (Print legibly and fill out completely):**

1. Name <u>latter</u> Last	<u>Christopher</u> First		Middle
2. Home Mailing Address	tar St		
Conde, J	D 57434		
3. Phone <u>320-305-1847</u>	Fax <u>(105-</u>	626-8620	
4. Email Address <u>Satter Chris 3</u>	@ gmail. Com		
5. Certificate Now Held Water Supply Of		From Which	State
6. Was an exam passed to acquire this			Yes ☑ No □
7. Was this certificate obtained through	reciprocity?	Check one.	Yes □ No ⊠
8. Is this certificate valid with all fees u	up-to-date?	Check one.	Yes ☑ No □
9. Have you ever been certified in Sour	th Dakota before?	Check one.	Yes □ No 🗵

## **EDUCATION AND TRAINING**

College/Vo-tech Name	Dates Attended	Major	Date Graduated
ist other educational course ame, and location of such c	es completed such as correspond ourses.	ence school, operators' sho	ert courses, etc. Give date,
	OPERATION EXPERIENCE		1 . / . /
resent Position Title ////	ax uperator	Date Employe	u <u>02/04/2023</u>
upervisor Name and Title _	al Operator Shane Phillips, Operati	ons Manager	
	duties. (Be Specific!)		
See job description at	achi o	unia de la delección de destar cartes de Ance destar pero transferio de Constitución de Consti	
List other job experience wh	ich you feel will pertain to your	certification qualifications	•
Data	w Name /Leastion	Specific Joh Duties	
1 1	er Name/Location		
08-30-2022 City of	Bellingham, M.N. later Bewer Superintenden E	Water Sampling	
Position h	later Dewer Superintenden t	ran day to day of	wahow
		0.1.0	1.1.1.1.0
hereby certify that this apgiven is true and complete.	plication contains no willful mi	isrepresentations or falsific	cations and that the inform
,rvon is true una complete.			
Signature 6		Date 2 - 2 - 20	マブラ
rigilature		Date C 5-20	25
	0		1
	Oper# Cert Date		-
	Reciprocity Approved	Yes □ No □	1
	Certificate Awarded		1
	Certificate Awarded		
		Check	

## State of Minnesota Minnesota Department of Health

DRINKING WATER PROTECTION SECTION

WATER SUPPLY SYSTEM OPERATOR, CLASS C CERTIFICATE NO. 14485

To:

CHRISTOPHER L. SATTER PO BOX 11 CONDE SD 57434

06/01/2020

EXPIRATION DATE 05/31/2023

## State of Minnesota Minnesota Department of Health

DRINKING WATER PROTECTION SECTION WATER SUPPLY SYSTEM OPERATOR

CLASS C CERTIFICATE NO. 14485

To:

Christopher L. Satter

EFFECTIVE DATE 06/01/2020

EXPIRATION DATE 05/31/2023

Minnesota Department of Health Office of Operator Certification PO Box 64494 St. Paul, MN 55164 DATE: March 1, 2023

RE: Operator Certification

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate through reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (September 13, 2022) as to whether certification should be granted.

Name CHRISTOPHER L. SATTER
Address 280 CEDAR ST.
CONDE, SD 57434
License Held CLASS C WATER SUPPLY CERTIFICATE MN CERT: 14485
What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?
High School Diploma or GED
What is the work experience requirement for this license(s)?
At least three have years of experience in the operation of a Class A, B, or C system
Was a written exam taken to gain this license(s)? Yes
What type of questions is on the exam? 100 Multiple Choice
What is the minimum score to pass the exam?

Is your certification program mandatory? Yes
Is this license(s) valid at this time? Yes
Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.
Yes, SD water operators.
Comments Minnesota has a combined distribution and treatment water operator  certificate. https://www.revisor.mn.gov/rules/9400/
Name and title of person completing this form-  Noel Hansen Water Operator Certification Officer
Please check which certificates your agency issues-
X Water Treatment X Water Distribution
Wastewater Treatment Wastewater Collection
South Dakota's Operator Certification Law: <a href="https://sdlegislature.gov/Statutes/Codified Laws/2058273">https://sdlegislature.gov/Statutes/Codified Laws/2058273</a>
Our regulations are contained within: <a href="https://sdlegislature.gov/Rules/Administrative/27258">https://sdlegislature.gov/Rules/Administrative/27258</a>
Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. Please email or fax your reply if possible. If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

Tammie Hill - Secretary

Board of Operator Certification

523 E Capitol Pierre SD 57501 Phone: 605-773-3577 Fax: 605-773-5286

E-mail: <a href="mailto:tammie.hill@state.sd.us">tammie.hill@state.sd.us</a>
Web Site: <a href="https://danr.sd.gov/OfficeOfWater/DrinkingWater/OperatorCertification/default.aspx">https://danr.sd.gov/OfficeOfWater/DrinkingWater/OperatorCertification/default.aspx</a>

#### 9400.0700 CERTIFICATION OF SYSTEM AND FACILITY OPERATORS.

- Subpart 1. [Repealed, 21 SR 1165]
- Subp. 2. Certification in particular class. An applicant who seeks certification must:
- A. meet the qualifications for one of the classes specified in this part and take and pass an exam; or
  - B. meet the requirements for reciprocity under part 9400.1350.
  - Subp. 3. Class A certificate. An applicant for a Class A certificate must:
    - A. have been certified as a Class B operator for at least two years; and
    - B. have:
- (1) a high school diploma or equivalent with at least eight years experience in the operation, including at least two years as a part of the management, of a Class A or B system or facility, or a similar industrial facility; or
- (2) a bachelor's degree from an accredited institution in chemical, civil, environmental, mechanical, or sanitary engineering or in a physical or biological science, and submit satisfactory evidence of at least four years experience in the operation, including at least two years as a part of the management, of a Class A or B system or facility or a similar industrial facility.
  - Subp. 4. Class B certificate. An applicant for a Class B certificate must:
    - A. have been certified as a Class C operator for at least one year; and
    - B. have:
- (1) a high school diploma or equivalent with at least six years experience in the operation of a Class A, B, or C system or facility, or a similar industrial facility; or
- (2) a bachelor's degree from an accredited institution in chemical, civil, environmental, mechanical, or sanitary engineering or in a physical or biological science, and submit satisfactory evidence of at least two years experience in the operation of a Class A, B, or C system or facility, or similar industrial facility.
  - Subp. 5. Class C certificate. An applicant for a Class C certificate must have:
- A. a high school diploma or equivalent, with at least three years experience in the operation of a Class A, B, C, or D system or facility, or similar industrial facility; or
- B. a bachelor's degree from an accredited institution in chemical, civil, environmental, mechanical, or sanitary engineering or in a physical or biological science, and submit satisfactory evidence of at least one year experience in the operation of a Class A, B, C, or D system or facility, or similar industrial facility.

- Subp. 6. Class D certificate. An applicant for a Class D certificate must:
  - A. have a high school diploma or equivalent; and
  - B. have:
- (1) at least one year experience in the operation of a Class A, B, C, or D system or facility, or in a related field; or
- (2) satisfactorily completed a postsecondary program of courses in water or wastewater technology approved by the respective agency or department at an accredited institution.
  - Subp. 6a. Class E certificate. An applicant for a Class E certificate must:
    - A. have a high school diploma or equivalent; and
    - B. have:
- (1) at least three months experience in the operation of a Class A, B, C, D, or E system or facility, or in a related field; or
- (2) satisfactorily completed a postsecondary program of courses in water or wastewater technology approved by the respective agency or department at an accredited institution.
- Subp. 7. **Type S certificate.** An applicant for a type S wastewater treatment certificate must possess the same education and experience required for a regular wastewater certificate in the same class, except experience must have been gained in a facility or type S facility and:
- A. an applicant for an S-A type certificate must have been certified as an S-B or B facility operator for at least two years; or
- B. an applicant for a type S-B certificate must have been certified as an S-C or C facility operator for at least one year.

Statutory Authority: MS s 115.72; 115.79

History: 21 SR 1165; 25 SR 1633

Published Electronically: October 2, 2007