

Standard Operating Procedure

Maintain T and D Authorized List

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1.0 Purpose

This SOP provides:

The process for **Transmission and Distribution** management and designated business support to ensure all qualified SaskPower employees and contractor employees are placed on the T&D Standard Protection Code Authorized list. The Procedure is step by step on how to update information for new or transferred employees

2.0 Roles and Prerequisites

Role(s)	Quantity Required	Prerequisites
Transmission, Distribution and Apparatus Manager/Director	1	1. Have a good understanding of this SOP

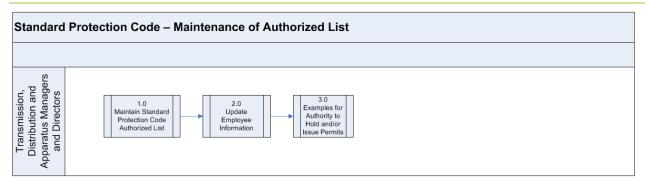
3.0 Tools and Equipment

Minimum Tools and Equipment Required:

• N/A

4.0 Procedure

High Level Flowchart



The Procedure

1.0 Maintain Standard Protection Code Authorized List

- 1.1 Maintain Standard Protection Code Authorized List
 - 1.1.1 Transmission, Distribution and Apparatus Managers and Directors shall ensure the following pre-requisites are complete to ensure employee is qualified to be added to the Authorized List



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- Has successfully completed the SaskPower Bonding & Grounding course as per the requirements of the employee's position. Skill check and Manager sign off shall be completed
- NOTE: Workers requiring the Stand-Off permit only do not require the bonding and grounding course (ie: Utility Arborists and Pole Testers)
- Completed the appropriate Standard Protection Code Course as determined by the Permits to be obtained and/or issued by the employee. Skills Check and Manager sign off shall be completed for the level of training received
- 1.2 Verify if an employee is on the Authorized List
 - 1.2.1 Manager shall ensure the following is done to verify if an employee is on the Authorized list and all information is correct

NOTE: Follow the steps below to access the Authorized list and/or create a change request. Be sure to check the employee's training records to ensure the employee has successfully completed the required training prior to accessing the authorized list. The Authorizing Manager shall ensure that the employee is competent prior to adding to the authorized list

 Access the GCC Authorized list database in SaskPower Citrix Applications (Access Database) to see if the employee/contract employee's name is there.

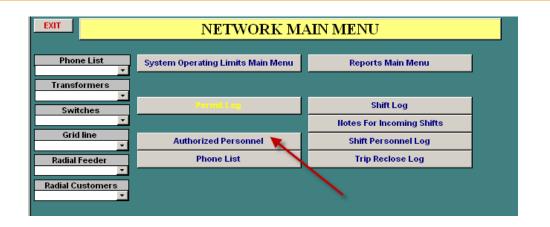


🛛 🢁 Desktop.ini	1 KB
😥 EnterNet Control	2 KB
🗐 🗊 Environmental Screening System	2 KB
🛛 😹 GCC Links 🔫 🗕 🗕 🚽	2 КВ
📄 ICA Print Configurator	2 KB
🖉 Internet Explorer	2 KB



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 Type in the last name of the employee inquiring about and use the "Apply" button to see if the employee is currently on the authorized list.



- Ensure all information is complete and current.
- Check the authorization of the employee for Holding and/or Issuing permits and switching authorization for Transmission and Distribution
- If incorrect, a Lotus Notes change request will be required. See Section 2

2.0 Update Employee Information

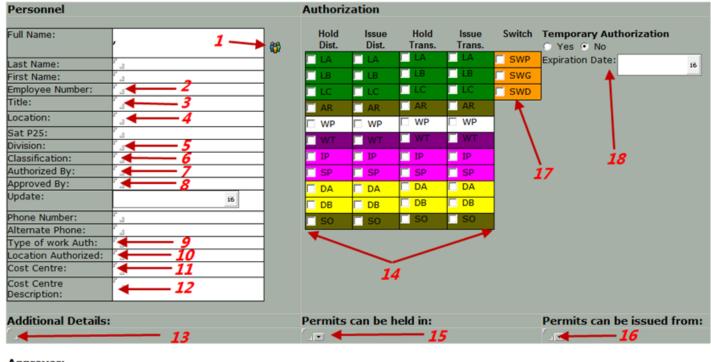
- 2.1 Update Employee Information in Lotus Notes
 - 2.1.1 Manager shall ensure the following when required to add, change or remove an employee from the list.
 - If an employee leaves or retires, submit a change request in Lotus Notes, and indicate this in the "additional details" section and ensure to change the date in the authorized section. That way it stays in the database, however shows the employee is no longer actively utilizing the Standard Protection Code
 - Open the Lotus Notes Authorized Personnel database





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- 2.1.2 To create a change request. There is a slightly different process for the Construction Managers and the Operating Managers.
 - To maintain consistency, if the change request is for a position that the manager is unfamiliar with, they can go to section 3.0 for examples of properly completed examples by position.
 - Construction Managers You can follow the same steps as the Operations Manager with the instructions below or email tdcontractservices with all information to enable them to submit a change request. An example of the information required below:



Approver:

Jun 10 2016 2:45pm - Change Request authorized by Dean Newkirk

- 2.2 Create a change request
 - 2.2.1 Using the example of the change request above follow the corresponding number below for the information required
 - 1. For SaskPower Employees, click on the icon to bring up the address book, then select the employee. The rest should auto populate with the information, however ensure that the information is correct.
 - For contractors, this field gets filled in when you fill in the last name and first name lines below full name



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- 2. The employee #. Contractor employees must have an SAP # starting with "9....". Business Support will be able to assist with these numbers if required
- 3. Title, ie: Power Line Tech, District
- 4. Location stationed or working in
- 5. Division ie: Distribution Services North
- 6. SaskPower Classification ie: Power Line Technician (District)
- 7. Name of Authorizing Manager
- 8. Approving Director
- 9. This used to be used to indicate transmission abilities for distribution staff No longer required
- 10. This is to be used if an employee is working in one area. ie: Specific district/switching station
- 11. Cost Centre required for reporting purposes
- 12. Cost Centre Description: SAP description
- **13.**This is where the manager indicates: "_____ (name) has completed all required training and Skills Checks in both Standard Protection Code and Bonding & Grounding." This will be required until I.T. can build check boxes to indicate training and dates attended. NOTE: Arborists and pole testers do not require Bonding and Grounding training
- 14. Follow the templates (Check boxes) for each position to ensure the appropriate permits can be used by the employee. Examples in Section 4.0
 - There may be some anomalies that require additional authorization, which is up to the manager authorizing the employee
- 15. & 16. Drop down boxes for each. Select appropriate location(s) to be authorized
- 17. Where can the employee be a switchman
 - SWP Switch Power Production
 - SWG Switch Transmission Grid
 - SWD Switch Distribution
- 18. If someone is to be authorized temporarily, an expiration date will mean that the employee will no longer be authorized after that date.



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19. Select the appropriate Director to be the approver of the change request

Below is an example of a completed change request

SaskPower GCC Authorized Personnel

Status: Draft

Personnel	Authorization							
Full Name:	Newkirk, Dean	6	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Authorization ○ Yes ● No
Last Name:	^r Newkirk _		🗹 LA	🗹 LA			SWP	Expiration Date:
First Name:	^r Dean _		🔽 LB	🗹 LB	🗌 LB	🗌 LB	🔽 SWG	
Employee Number:	ິ 7744 ຼ		□ LC	□ LC	🗌 LC	LC	SWD	
Title:	SPECIALIST, KNOWLEDGE		AR	🗹 AR	AR	☐ AR		J
Location:	Prince Albert		✓ WP	✓ WP	✓ WP	□ WP		
Sat P25:	⁷ 01411		VT 🔽	💌 WT	□ WT	TW T		
Division:	⁷ Distribution Services-Dist Serv OM North	<u>s</u>	✓ IP ✓ SP	✓ IP ✓ SP	✓ IP	IP		
Classification:	^r Manager, Operations							
Authorized By:	^r Dean Newkirk _		<mark>⊠</mark> DA	<mark></mark> ■ DA				
Approved By:	^r Directors Name		💌 DB	🔽 DB	🗆 DB	🗆 DB		
Update:	04/14/2016 16		<mark></mark> SO	<mark></mark> SO	✓ SO	□ SO		
Phone Number:	[°] 953-7674 <u></u>							
Alternate Phone:	^r 621-9322 _							
Type of work Auth:	TRANSMISSION, WP, IP, SO							
Location Authorized:	^r Operations North <u>a</u>							
Cost Centre:	່ 331903 ຼ							
Cost Centre Description:	^r Prince Albert Area							
Additional Details			Permits	can be h	eld in:			Permits can be issued from:
⁷ Dean has completed all required training and Skills Checks in both Standard Protection Code and Bonding & Grounding."				ribution, T	&D Transn	nission 🖵		T&D Distribution

Approver:

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3.0 Submit the change request

In the top right hand corner click on the "Submit" button and the change request will be emailed to the next line manager/Director for approval



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4.0 Examples of positions

•

•

Electrical Technician – Stations (Wiring Crew)

Personnel			Authoriz	ation				
Full Name:	,	8	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Authorization _ ○ Yes ⊙ No
Last Name:	r 	-	🗹 LA	🗌 LA	🗹 LA		SWP	Expiration Date:
First Name:	r _	-	🔽 LB	🗌 LB	🗹 LB	LB	SWG	
Employee Number:	r		LC	LC	🗹 LC	LC	SWD	-
Title:	^r Electrical Technician - Stations		ar	🗌 AR	AR			_
Location:	г - Д		□ WP	□ WP	✓ WP	□ WP		
Sat P25:	r	-	VT 🗹	🗌 WT	M ML	U WT		
Division:	r J	-	IP	□ IP	✓ IP	□ IP		
Classification:	r		SP	SP	SP	SP		
Authorized By:	r 				DA		_	
Approved By:	Г 						_	
Update:	16				□ DB ■ SO			
Phone Number:	г	-	□ so	🗌 SO	¥ 50	- 30		
Alternate Phone:	r							
Type of work Auth:	r							
Location Authorized:	Г 							
Cost Centre:	r 							
Cost Centre Description:	Р 							
Additional Details:			Permits	can be l	eld in:			Permits can be issued from:
	Athabase T&D Trans		SaskPower,	T&D Dist	ribution,			

Metering Electrician

Personnel	Authorization							
Full Name:	,	8	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Authorization
Last Name:	r 	-	🗹 LA	🗌 LA			SWP	Expiration Date:
First Name:	r 		🗌 LB	🗌 LB	🗌 LB	LB	SWG	
Employee Number:	P		LC	LC	LC	🗌 LC	SWD	
Title:	^r Metering Electrician _a		AR	□ AR	□ AR	□ AR		_
Location:	r 		WP	U WP	WP	U WP		
Sat P25:	r 					WT		
Division:	r 		VT 🔽	🗌 WT				
Classification:	r		✓ IP	🗌 IP	💌 IP	🗌 IP		
Authorized By:	Р 		SP	SP	SP	SP		
Approved By:	Г 		<mark>⊽</mark> DA	□ DA	□ DA	□ DA		
Update:	16				□ DB	□ DB	-	
Phone Number:	r	-	□ SO	□ so	□ so	□ so		
Alternate Phone:	r 							
Type of work Auth:	r							
Location Authorized:	Г 							
Cost Centre:	r 2							
Cost Centre Description:	7 -2							
Additional Details:			Permits	can be l	eld in:			Permits can be issued from:
r J			T&D Dist	ribution, T	&D Transm	ission 🖃		

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Power Line Technician - Distribution

Personnel	Authori	zation						
Full Name:	,	8	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Authorization O Yes • No
Last Name:	7 	-	🗹 LA	🗌 LA			SWP	Expiration Date:
First Name:	г 	-	✓ LB	LB	🗌 LB	🗌 LB	SWG	
Employee Number:	г 	-			LC	□ LC	SWD	-
Title:	⁷ Power Line Technician - Distribution _J		🗹 AR	🗌 AR	☐ AR	AR		_
Location:	r		₩ WP	🗆 WP	₩P	□ WP		
Sat P25:	r J	-	VT 🔽	🗆 WT	U WT	🗆 WT		
Division:	Distribution O&M		✓ IP	🗌 IP	✓ IP	🗌 IP		
Classification:	F		SP	SP	SP	□ SP		
Authorized By:	Г 		✓ DA	□ DA	□ DA	□ DA		
Approved By:	r 				□ DB	DB	_	
Update:	16							
Phone Number:	r	-	SO SO	SO 🗌	<mark></mark> SO	□ SO		
Alternate Phone:	r	-						
Type of work Auth:	r	-						
Location Authorized:	۲ 							
Cost Centre:	r 							
Cost Centre Description:	F 							
Additional Details:			Permits	can be l	held in:			Permits can be issued from:
, 			T&D Dist	tribution, T	&D Transn	nission 🕞 👻		

PLT Transmission

Personnel		
Full Name:	,	6
Last Name:	۲ 	
First Name:	r	
Employee Number:	r _	1
Title:	^r Power Line Technician - Transmission	
Location:	r 	1
Sat P25:	۲	
Division:	Transmission O&M	
Classification:	r	
Authorized By:	r _	
Approved By:	r _	
Update:	16	
Phone Number:	r _	
Alternate Phone:	r	1
Type of work Auth:	r _	1
Location Authorized:	r	1
Cost Centre:		
Cost Centre Description:	۲ ع	
Additional Details:		
r J		

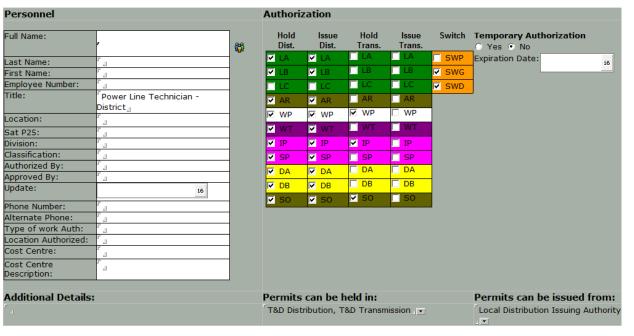
Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Auth	norization
🗸 LA		V LA		SWP	Expiration Date:	1
🗸 LB	🗌 LB	✓ LB	🗌 LB	🔽 SWG		
LC	LC			SWD		
🗸 AR	🗌 AR	🗌 AR	🗌 AR		-	
WP	🗆 WP	₩P	□ WP			
VT V	□ WT	₩T 🔽	□ WT			
✓ IP	🗌 IP	✓ IP	🗌 IP			
SP	SP	SP	SP			
✓ DA	🗆 DA	<mark>⊠</mark> DA	🗆 DA			
✓ DB	DB	DB	DB			
🔽 SO	🗌 SO	🔽 SO	🗌 SO			
SO	SO SO	▼ SO	SO			



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Power Line Technician- District



Journeyed Trade Construction Electrician – Wiring Crew

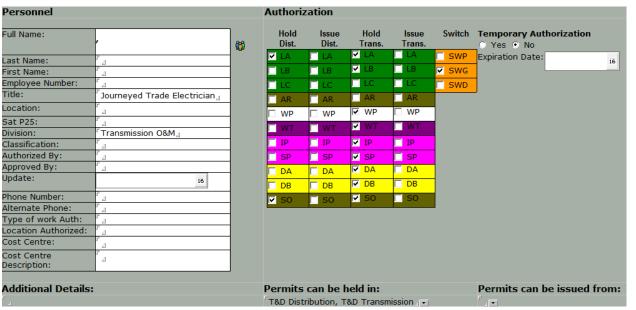
Personnel			Authoriz	zation				
Full Name:	,	6	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Authorization
Last Name:	۲ 		🗌 LA	🗌 LA	🗹 LA		SWP	Expiration Date:
First Name:	г 		🗌 LB	🗌 LB	🗹 LB	🗌 LB	🗹 SWG	
Employee Number:	Г]	LC	🗌 LC	🔽 LC	🗌 LC	SWD	
Title:	^r Journeyed Trade Construction Electrician		AR	□ AR	AR			-
Location:	r		□ WP	🗆 WP	₩P	□ WP		
Sat P25:	г 1		U WT	TW 🗌	VT 🔽	U WT		
Division:	Transmission O&M _	1	□ IP	□ IP	✓ IP	🗌 IP		
Classification:	Г 	1	SP	SP	SP	SP		
Authorized By:	F		✓ DA		✓ DA	DA		
Approved By:	Г						_	
Update:	16			DB	□ DB □ SO			
Phone Number:	Г 	1						
Alternate Phone:	Г 	1						
Type of work Auth:	7							
Location Authorized:	Г							
Cost Centre:	r 							
Cost Centre Description:	r 							
Additional Details:			Permits	can be l	neld in:			Permits can be issued from:
r L			T&D Trar	nsmission	•			



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Area Electrical Technicians or Journeyed Trade Electricians



System Test South T&D Distribution T&D Transmission

System Test South

Personnel

Full Name:	
Last Name:	-
First Name:	
Employee Number:	<u>+</u>
Title:	TECHNOLOGIST, SYSTEM TEST
Location:	
Sat P25:	
Division:	T&D Trans O&M
Classification:	Technologist, System Test
Authorized By:	Lynton Howes
Approved By:	Shawn Schmidt
Update:	05/12/2016 16
Phone Number:	
Alternate Phone:	
Type of work Auth:	
Location Authorized:	
Cost Centre:	342713
Cost Centre Description:	System Test South

Au	thoriz	ation					
	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary A	uthorization
	LA				SWP	Expiration Date:	16
	LB	🗌 LB	🗹 LB	🗆 LB	🗆 swg	Date:	
	LC	П LC	LC 🖸	□ LC	SWD		
	AR	🗌 AR	🗹 AR	🗌 AR			
₽	WP	🗆 WP	WP WP	□ WP			
☑	WT	🗌 WT	M ML	T WT			
☑	IP	🗌 IP	✓ IP	IP			
	SP	🗌 SP	SP	SP			
₽	DA	🗌 DA	🗹 DA	🗆 DA			
	DB	🗆 DB	DB	DB			
☑	SO	🗌 so	🔽 so	🗆 so			
Pe	rmits	can be h	eld in:			Permits can	be issued from:

Additional Details:

This change request is to fill in missing details for BDPS Andrew's existing template. The existing template did not pRPS show Andrew able to hold permits in any location. SHPS

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Personnel			Authoriz	ation				
Full Name:	,	8	Hold Dist.	lssue Dist.	Hold Trans.	lssue Trans.	Switch	Temporary Authorization
Last Name:	Г 		🗹 LA	🗌 LA	🗹 LA		SWP	Expiration Date: 16
First Name:	r		🗹 LB	🗌 LB	🗹 LB	□ LB	SWG	
Employee Number:	Г 			🗌 LC	LC	LC	SWD	
Title:	7 - 2		□ AR	□ AR	□ AR	□ AR		_
location:	Г - Д	-	WP	□ WP	WP	□ WP		
Sat P25:	r 				VT VT	WT		
Division:	r		VT 🔽	🗌 WT				
Classification:	^r I/S Supervisor, Apparatus 🛛		✓ IP	🗌 IP	💌 IP	🗌 IP		
Authorized By:	Г 		SP	SP	SP	SP		
Approved By:	Г 		✓ DA	□ DA	✓ DA	□ DA		
Jpdate:	16				DB	□ DB	-	
Phone Number:	г	-		□ so	✓ SO	□ SO		
Alternate Phone:	г 	1			-			
Type of work Auth:	г 							
ocation Authorized:	r							
Cost Centre:	Г - Д	-						
Cost Centre Description:	r 							
Additional Details:			Permits can be held in:					Permits can be issued from:
			T&D Distribution, T&D Transmission					

In Scope Supervisor Apparatus

5.0 Components

The following is a list of components for this SOP which can be accessed through the SOP System:

Component Name	Component Type	Component Description	Location of Component					
Standard Protection Code - Maintenance of Authorized List Flowchart	Flowchart	A high level and mid-level flowchart for this procedure	SOP Online - SOP Bundle: Standard Protection Code - Maintenance of Authorized List					
6.0 Acronyms, Definitions and Symbols								

Acronyms and Abbreviations

N/A

Definitions

N/A

Symbols

N/A



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7.0 Policies and Regulatory Requirements

This SOP is a result of the following regulations, policies, industry standards, and corporate directives and standards:

Regulatory Requirement(s)

- Saskatchewan Occupational Health & Safety Act and Regulations, 1996
 - Part XXX, Section 465(c) Qualified Electrical Worker

Policies

• N/A

Standards

• N/A

Other

- Safety Directive Grounding and Bonding pre-requisites for Transmission and Distribution Standard Protection Code Training
- Contract Specifications in regards to Standard Protection Code requirements

8.0 References

References

Standard Protection Code Manual Safety and Environment Rulebook