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# **EDIT/VALIDATION RULES RELATED TO APMC SHIPPER'S BALANCE SUBMISSIONS IN PETRINEX**

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**EDIT/VALIDATION RULES RELATED TO  
AB CROWN SHIPPERS' BALANCE SUBMISSIONS IN PETRINEX**

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# 1. AB CROWN SHIPPERS' BALANCE SUBMISSIONS EDITS

*Jurisdiction is AB and SK*

Business Name	Validation Rule	Result Type	Message	Message Number
<b>Header Section</b>				
Production Month	Cannot be earlier than current Shippers' Balance production month.	ERROR	Production Month [Production Month] must equal to the current or next Shippers' Balance Production Month.	SBE005
Production Month	Should not be earlier than the Shippers' Balance implementation date.	ERROR	Production Month [Production Month] is prior to Shippers' Balance implementation.	SBE004
Production Month	Production Month must be entered.	ERROR	Production Month cannot be blank.	SBE001
Production Month	Production Month must be valid Format: YYYY-MM.	ERROR	Production Month [Production Month] is not valid. The format should be YYYY-MM.	SBE002
Production Month	No submissions for locked production months.	ERROR	Shippers' Balances are locked for production month [Production Month].	SBE003
Facility ID	Must not be blank.	ERROR	Facility ID cannot be blank.	SBE006
Facility ID	Must exist in Petrinex.  <b>For BC facilities:</b> The facility ID must exist in the list of valid BC facilities (see Section 4).	ERROR	Facility ID [Facility ID] must exist in Petrinex.	SBE007
Facility ID	Must be active in Petrinex.	ERROR	Facility ID [Facility ID] must be active in Petrinex.	SBE008
Facility ID	Must be eligible for submissions. For AB facilities: PL facilities: 207, 209 CT facilities: 611, 612 TM facilities: 671, 672,673, 675.  For SK facilities: The facility ID must exist in the list of valid SK facilities (see section 4).	ERROR	Facility ID [Facility ID] must be an eligible PL/TM/CT for Shippers' Balance Submissions.	SBE009

Business Name	Validation Rule	Result Type	Message	Message Number
Facility Id	Only the Facility Operator may edit a Shippers' Balance Submission.	ERROR	The BA logged in is not Operator of Facility [Facility ID] during Production Month [Production Month]. Editing is not allowed.	SBE040
Stream Type	The stream type must be entered.	ERROR	Stream Type cannot be blank.	SBE010
Stream Type	The stream type must be valid.	ERROR	Stream Type [Stream Type] must be valid in Petrinex.	SBE011
Shipper BA ID	A Shipper BA ID must be entered.	ERROR	Shipper BA ID cannot be blank.	SBE012
Shipper BA ID	The value must exist in Petrinex.	ERROR	Shipper BA ID [Shipper BA ID] must exist in Petrinex.	SBE013
Shipper BA ID	The BA must be Active in Petrinex based on the BA Corporate Status Active Indicator.	ERROR	Shipper BA ID [Shipper BA ID] is not active in Petrinex for Production Month [Production Month].	SBE014
Shipper BA ID	The shipper ID can only be 0PMC and A6JG.	ERROR	Shipper BA ID [Shipper BA ID] is invalid.	SBE015
<b>Details Section</b>				
Activity	The Activity cannot be blank	ERROR	Activity cannot be blank.	SBE016
Activity	The Activity must be a valid Activity	ERROR	Activity [Activity] is invalid.	SBE017
Activity	INVCL, OVRSHRT, LOSS activity can only be reported once.	ERROR	Activity [Activity] may be reported only once per submission.	SBE018
Activity	The Shippers' Balance Submission must include a closing inventory (INVCL) row.	ERROR	The submission is missing a row with Activity [INVCL].	SBE041
Activity	Duplicate activities may not be reported for the Activity and Connected From/To Facility.	ERROR	The Detail Row already exists for Activity [Activity] and Connected From/To Facility [Connected From/To Facility ID].	SBE020
Activity	Duplicate activities may not be reported for the Activity, Connected From/To Facility and From/To Facility.	ERROR	The Detail Row already exists for Activity [Activity], Connected From/To Facility [Connected From/To Facility ID] and From/To Facility [From/To Facility ID].	SBE021
Activity	Duplicate activities may not be reported for the Activity and From/To BA.	ERROR	The Detail Row already exists for Activity [Activity] and From/To BA [From/To BA ID].	SBE019

Business Name	Validation Rule	Result Type	Message	Message Number
Connected From/To Facility ID	Must not be blank.  Please see Appendix A for detail on which activities require this field.	ERROR	Connected From/To Facility must be reported for Activity [Connected From/To Facility ID].	SBE023
Connected From/To Facility ID	Must exist in Petrinex.	ERROR	Connected From/To Facility [Connected From/To Facility ID] must exist in Petrinex.	SBE024
Connected From/To Facility ID	Must be active in Petrinex.	ERROR	Connected From/To Facility [Connected From/To Facility ID] must be active in Petrinex.	SBE025
Connected From/To Facility ID	Facility type must be eligible for submissions.  <ul style="list-style-type: none"> <li>• RECCON facilities must be: <ul style="list-style-type: none"> <li>○ any BT, CS, GP, GS, IF, MS, OS, RF, WP or WS</li> <li>○ any operated TM, CT or PL.</li> </ul> </li> <li>• RECTRK facilities must be: any operated TM, CT or PL.</li> <li>• TRFIF, TRFOF only non-operated PL, TM or CT facilities are permitted.</li> </ul>	ERROR	Connected From/To Facility [Connected From/To Facility ID] must be eligible for Shippers' Balance Submissions.	SBE026
Connected From/To Facility ID	Must be eligible for submissions.  Only AB and SK are accepted BC facilities are accepted when they match the submitting facility.	ERROR	Facility [Connected From/To Facility ID] is not eligible for submissions.	SBE030
Connected From/To Facility ID	Must be blank.  Please see Appendix A for detail on which activities require this field.	ERROR	From/To BA [From/To BA ID] cannot be reported for Activity [Activity].	SBE034
Connected From/To Facility ID	TRFIS, TRFOS, INVCL, LOSS and OVRSHRT activities may not have a Connected From/To	ERROR	Connected From/To Facility [Connected From/To Facility ID] cannot be reported for Activity [Activity].	SBE022

Business Name	Validation Rule	Result Type	Message	Message Number
	Facility ID identified.			
Connected From/To Facility ID	<p>Facility must be eligible for submissions.</p> <ul style="list-style-type: none"> <li>RECCON facilities must be any operated TM, CT or PL</li> <li>RECTRK facilities must be: any operated TM, CT or PL.</li> </ul> <p>TRFIF, TRFOF only non-operated PL, TM or CT facilities are permitted.</p> <p>Only CT and TM facility types operated by the submitting pipeline operator are eligible for submissions when the Activity is RECTRK.</p>	ERROR	Connected From/To Facility [Connected From/To Facility ID] must be operated by current BA for Activity [Activity].	SBE042
From/To Facility ID	<p>Must not be blank.</p> <p>Please see Appendix A for detail on which activities require this field.</p>	ERROR	From/To Facility must be reported for Activity [Activity].	SBE044
From/To Facility ID	Must exist in Petrinex.	ERROR	From/To Facility [From/To Facility ID] must exist in Petrinex.	SBE045
From/To Facility ID	Must be active in Petrinex.	ERROR	From/To Facility [From/To Facility ID] must be active in Petrinex.	SBE046
From/To Facility ID	Only RECTRK activities require a From/To Facility.	ERROR	Connected From/To Facility [From/To Facility ID] requires a From/To Facility.	SBE048
From/To Facility ID	Only BT facilities are eligible for submission.	ERROR	From/To Facility [From/To Facility ID] must be eligible for Shippers' Balance Submissions.	SBE047
From/To Facility ID	<p>Must be eligible for submissions.</p> <ul style="list-style-type: none"> <li>Only AB</li> <li>Must be of type BT, CS, GP, GS, IF, MS, OS, RF, WP or WS.</li> </ul>	ERROR	Facility [From/To Facility ID] is not eligible for submissions.	SBE049

Business Name	Validation Rule	Result Type	Message	Message Number
From/To BA Province	Must not be blank.  Please see Appendix A for detail on which activities require this field.	ERROR	From/To BA Province cannot be blank.	SBE027
From/To BA	The value must exist in Petrinex.	ERROR	From/To BA [From/To BA ID] must exist in Petrinex.	SBE031
From/To BA	The BA must be Active in Petrinex. Looks at the BA Corporative Status Active Indicator.	ERROR	From/To BA [From/To BA ID] is not active in Petrinex for the Production Month [Production Month ID].	SBE032
From/To BA	RECCON, RECTRK, TRFIF, TRFOF, INVCL, LOSS and OVRSHRT activities may not have a From/To BA identified	ERROR	From/To BA Province must be blank for Activity [From/To BA Province].	SBE028
From/To BA`	TRFIS and TRFOS activities require a From/To BA	ERROR	From/To BA must be reported for Activity [Activity].	SBE035
Connected From/To Facility ID	Must be blank.  Please see Appendix A for detail on which activities require this field.		From/To Facility [From/To BA ID] cannot be reported for Activity [Activity].	SBE043
From/To BA Province	Province and BA must exist in Petrinex.	ERROR	From/To BA Province [From/To BA Province] must be a valid jurisdiction.	SBE029
Volume	Must not be blank.  Please see Appendix A for detail on which activities require this field.	ERROR	Volume cannot be blank.	SBE036
Volume	Must be a positive number no greater than 99999999.9.	ERROR	Volume [Volume] must be a positive numeric value from 0 to 99,999,999.9.	SBE037
Volume	Only one decimal is accepted.	ERROR	Volume [Volume] is only accepted to 1 decimal place.	SBE038
Submission	When Petrinex has successfully saved the data, a message is displayed to the user.	INFO	The data was successfully submitted for Facility [Facility ID], Production Month: [Production Month] and Amendment Number [Amendment].	SBE039

## 2. AB CR SHIPPERS' BALANCE REQUIRED FIELDS SUMMARY

Validations for Edit Single Shipper Invoice – Detail Fields: the following table shows the required fields depending on the activity selected. Note that the duplicate activity rows reflect data entry options available to the user.

	Connected From/To Facility	From/To Facility	From/To BA Province	From/To BA	Volume
RECCON	x				x
RECTRK	x	x			x
TRFIS			x	x	x
TRFIF	x				x
TRFOS			x	x	x
TRFOF	x				x
LOSS					x
OVRSHRT					x
INVCL					x
INVOP					x



### 3. AB CROWN SHIPPERS' BALANCE DEFINITIONS

The jurisdiction is AB and SK.

Business Name	Description
<b>Header Fields</b>	
Facility ID	Facility identifier. Made up of Province/State Code, Facility Type Code, and Sequence Number.
Facility Location	Made up of: location exception, legal subdivision, section, township, range and meridian.
Facility Name	Full name that has been given to the facility.
Shipper BA ID	The BA ID of the Shipper (agent).
Shipper BA Name	Full legal name that has been given to the BA.
Production Month	The production month of the Shippers' Balance.
Reference Code	Optional field for providing information to link submission to source document in the user's system.
Stream Type	The stream type for the view.  Possible values may include: CRW,HSO,LSB,MSO,MSW,SHE,SLE,SO,CRD,C5+,LLB,WCB,F,BR,MBL,CAL,ACR,SW,LSO,WCS,LLK
<b>Detail View Fields</b>	
View	Allows users to switch between the Summary and Detail views.  Possible values are: Summary, Details.
Activity	The activity related to the Shippers' Balance item.  Possible values may include: INVOP, RECCON, RECTRK, TRFIF, TRFIS, TRFOF, TRFOS, OVRSHRT, INVCL, LOSS  INVOP will not be available for user selection but will be displayed as read only.
Connected From/To Facility	The connected facility identifier to/from which a volume was transferred.  Consists of Province/State Code, Facility Type Code, and Sequence Number.
From/To Facility	The facility identifier from/to which a volume was transferred.  Consists of Province/State Code, Facility Type Code, and Sequence Number.
From/To BA Province	The province for the relevant BA from/to which the transfer occurred.  Possible values: AB, BC, SK
From/To BA	The relevant BA from/to which the transfer occurred.
Volume	Volume of product purchased (m3), one decimal.

Business Name	Description
<b>Summary View Fields</b>	
Opening Inventory	The opening inventory auto-populated with the closing inventory of the previous month.
Field Receipts	The sum of the volume for RECCON activities for the selected stream type.
Terminal Receipts	The sum of the volume for RECTRK activities for the selected stream type.
Transfers From Other Shippers	The sum of the volume for TRFIS activities and TM facilities for the selected stream type.
Transfers From Other Pipelines/Terminals	The sum of the volume for TRFIF activities and TM facilities for the selected stream type.
Total Receipts	The sum of Field Receipts, Terminal Receipts, Transfers From Other Shippers and Transfers From Other Pipelines/Terminals.
Transfers To Other Shippers	The sum of the volume for TRFOS activities for the current stream type.
Transfers To Other Facilities	The sum of the volume for TRFOF activities for the current stream type.
Loss Allowance	The volume for LOSS activity for the current stream type.
Overages/Shortages	The volume for OVRSHRT activity for the current stream type.
Total Disposed Of	The sum of the transfers out.
Closing Inventory	The closing inventory volume
Change in Inventory	Calculated field : (Opening inventory + Receipts + Transfers in – Total Disposed of)

## 4. ACCEPTABLE OUT OF PROVINCE FACILITIES FOR SUBMITTING FACILITY AND CONNECTED FROM/TO FACILITY

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### Saskatchewan

SKCT0010821 – Baytex Tangleflags 8-24 Cleaning Plt  
SKCT0012003 – Secure Kindersley FST  
SKCT0012046 – Baytex Buzzard 16-27-47-26W3 CT  
SKCTC100012 – Husky Landrose Cleaning Plant  
SKCTC100014 – Husky Tangleflags 13-36  
SKCTC100015 – Husky Lashburn Cleaning Plant  
SKCTC100018 – Secure Silverdale  
SKCTC100169 – CNRL East Till Cleaning Plant  
SKCTC100883 - CNRL Golden Lake Cleaning Plant  
SKCTC100887 – Caltex Dulwich Cleaning Plant  
SKPLOP00013 – Husky Pipeline  
SKPLOP00015 – Manito Pipeline  
SKPLOP00018 – South Saskatchewan Pipeline  
SKPLOP00060 – Mid Sask Pipeline (Light)  
SKPL0025881 – Kerrobert Lite Pipeline System  
SKTM0013727 – Altex New Lashburn Terminal  
SKTMTT10002 – Dodsland Terminal  
SKTMTT10007 – Dodsland Cleaning Plant Terminal  
SKTMTT13003 – Tangleflags Terminal  
SKTMTT13004 – Altex Lashburn Terminal  
SKTMTT13006 – Husky Landrose Terminal  
SKTMTT18002 – Gull Lake Terminal (Gibson)  
SKTMTT15003 – Dulwich Terminal  
SKTMTT18008 – Gull Lake Terminal (Plains)  
SKTMTT21002 – Plover Lake Cleaning & Terminal

**Note:** If using the above facilities as the Submitting Facility BA you must be signed in Petrinex with your SK BA.

### British Columbia

BCTM0007341 – Boundary Lake Terminal  
BCTM0007796 – Secure Dawson Creek Terminal  
BCTM0000444 – Taylor Terminal  
BCCT0007341 – Boundary Lake Custom Treater  
BCCT0007796 – Secure Dawson Creek Custom Treater  
BCPL0000300 – Plateau Delivery Pipeline  
BCPL0000400 – Boundary Lake Pipeline  
BCPL0000500 – BC Light Pipeline

**Note:** If using the above BC facilities as the Submitting Facility BA you must be signed in Petrinex with your BC BA.

**Note: any changes to the lists above must be approved by the APMC**