JOB AID

PETRINEX EDIT/VALIDATION RULES RELATED TO BRITISH COLUMBIA PRODUCER COST OF SERVICE (PCOS) SUBMISSIONS

Updated February 1, 2023

Classification: Protected A

**EDIT/VALIDATION RULES RELATED TO
BRITISH COLUMBIA PRODUCER COST OF SERVICE (PCOS)
SUBMISSIONS IN PETRINEX**

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1. BC PCOS MANAGEMENT EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Initial Screen					
Facility ID	BC	Must be a valid and existing facility	Error	Facility ID [value] is not a valid facility ID in Petrinex.	PCO031
Facility ID	BC	Must be a valid facility associated with the BA as per infrastructure. **Exception:** FIN is exception to this edit.	Error	Access denied. You are not identified as the operator of facility [value].	PCO022
Facility ID	BC	Facility Type must be BT.	Error	Facility Type [value] must be "BT".	PCO023
Facility ID	BC	Industry cannot edit facility/PCOS year if the facility has been locked.	Error	Facility ID [value] has been locked. This PCOS Management Submission cannot be edited.	PCO024
Facility ID	BC	Should have wells linked to it. Any well event without regard to status.	Warning	Facility ID [value] has no wells linked to it.	PCO025
PCOS Year	BC	Must be 4 Digit year.	Error	PCOS Year [value] is not valid.	PCO005
PCOS Year	BC	Can't be prior to PCOS go live date	Error	PCOS Year [value] can't be prior to PCOS Go Live date.	PCO026
PCOS Year	BC	Must be between the go live date and the current PCOS Year.	Error	PCOS Year [value] must be between PCOS Go Live Year and PCOS Current Year.	PCO027
Top Section					
Estimated Annual Production Volume of Raw Gas	BC	Blank is allowed. If volume is entered: Volume must be a valid number; max 9 digits before the decimal, 1 digit after	Error	Reported volume [value] is an invalid format, max 9 digits before the decimal, 1 digit after the decimal.	PCO001

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
		(999,999,999.9).			
Weighted Average H2S Content of inlet stream to the Facility	BC	Must be greater or equal to 0.	Error	Weighted Average H2S Content of inlet stream to the Facility [value] is not greater or equal to 0.	PCO004
Weighted Average H2S Content of inlet stream to the Facility	BC	Must be a valid number; max 3 digits before the decimal and max 1 digit after the decimal place (max 100.0).	Error	Weighted Average H2S Content of inlet stream to the Facility [value], max 3 digits before the decimal and max 1 digit after the decimal place.	PCO003
Weighted Average H2S Content of inlet stream to the Facility	BC	Can't be greater than 100.0.	Error	Weighted Average H2S Content of inlet stream to the Facility [value] must be less than or equal to 100.0.	PCO028
Contact First Name	BC	is required.	Error	Please enter a Contact First Name.	PCO002
Contact Last Name	BC	is required.	Error	Please enter a Contact Last.	PCO002
Contact Phone	BC	is required.	Error	Please enter a Contact Phone.	PCO002
Contact Email	BC	Is required.	Error	Please enter a Contact Email .	PCO002
Submission Error	BC	There are errors in equipment tab.	Error	There are [value] record(s) on the [Equipment] tab with errors. Some errors may be hidden due to filters or tab selection, change tabs or remove filters to show all errors.	PCO039
Exclude Confirmation	BC	Exclude from extract has been selected	Information	Submission has been marked to be excluded from extract for Facility ID [] and PCOS Year [].	PCO044
Include Confirmation	BC	Include from extract has be selected	Information	Submission will be included for extract for Facility ID [] and PCOS Year [].	PCO045
Gathering Lines					
ID	BC	Must be a valid and existing Segment ID in Petrinex.	Error	Segment ID [value] is not valid.	PCO005
ID	BC	Project ID and Segment ID cannot be	Error	Project ID [value] and Segment ID [value] cannot be duplicated in a	PCO030

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
		duplicated in a submission		submission	
Project ID	BC	Project ID and Segment ID cannot be duplicated in a submission	Error	Project ID [value] and Segment ID [value] cannot be duplicated in a submission	PCO030
Well	BC	Well ID should be linked to the Facility ID.	Warning	Well ID [value] should be linked to Facility [value].	PCO035
Comment	BC	Maximum of 500 characters	Error	Comment [value] can't exceed 500 characters.	PCO029
Dehydration Unit					
ID	BC	Must be a valid and existing Dehydrator ID in Petrinex.	Error	Dehydrator ID [value] is not valid.	PCO005
Project ID	BC	Project ID cannot be duplicated in a submission	Error	Project ID [equipment id] cannot be duplicated in a submission	PCO030
Comment	BC	Maximum of 500 characters	Error	Comment [value] can't exceed 500 characters.	PCO029
Compressor					
ID	BC	Must be a valid and existing Compressor ID in Petrinex.	Error	Compressor ID [value] is not valid.	PCO005
Comment	BC	Maximum of 500 characters	Error	Comment [value] can't exceed 500 characters.	PCO029
Field Processing Unit					
ID	BC	Must be a valid and existing Field Processor ID in Petrinex.	Error	Field Processor ID [value] is not valid.	PCO005
Project ID	BC	Project ID cannot be duplicated in a submission	Error	Project ID [equipment id] cannot be duplicated in a submission	PCO030
Comment	BC	Maximum of 500 characters	Error	Comment [value] can't exceed 500 characters.	PCO029
Lineheaters					
ID	BC	Must be a valid and existing Lineheater ID in Petrinex.	Error	Lineheater ID [value] is not valid.	PCO005
Project ID	BC	Project ID cannot be duplicated in a	Error	Project ID [equipment id] cannot be	PCO030

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Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
		submission		duplicated in a submission	
Comment	BC	Maximum of 500 characters	Error	Comment [value] can't exceed 500 characters.	PCO029

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2. BC PCOS EQUIPMENT LIST EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Gathering Lines					
Project Number	BC	For OGC submissions: 6 digit number.	Error	Project Number [value] is an invalid format. It must be a 6 digit number.	PCO001
Segment ID	BC	For OGC submissions: 3 digit number.	Error	Segment ID [value] is an invalid format. It must be a 3 digit number.	PCO001
Outside Diameter (mm)	BC	is required.	Error	Please enter a [value].	PCO002
Outside Diameter (mm)	BC	must be a valid number; max 4 digits before the decimal and max 1 digit after the decimal place (9,999.9)	Error	[Value1][value2] is an invalid format, max 4 digits before the decimal and max 1 digit after the decimal place.	PCO003
Outside Diameter (mm)	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Length (m)	BC	is required.	Error	Please enter [value].	PCO002
Length (m)	BC	must be a valid number; max 6 digits before the decimal and max 3 digits after the decimal place (999,999.999)	Error	[Value1][value2] is an invalid format, max 6 digits before the decimal and max 3 digit after the decimal place.	PCO003
Length (m)	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Year Installed	BC	Is required.	Error	Please enter a [value].	PCO002
Year Installed	BC	Must be a valid 4 digit year.	Error	[value1] [value2] is not valid.	PCO005
End Year	BC	Must be a valid 4 digit year and greater than or equal to the Year Installed.	Error	[value1] [value2] is not valid.	PCO005

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
End Year	BC	Equipment must not be in use in subsequent years.	Error	Equipment [value] is in use in subsequent years.	PCO006
Location From	BC	is required.	Error	Please enter a [value].	PCO002
Location From	BC	Must be a valid NTS or DLS format	Error	Location From [value] is not of a valid NTS or DLS formats.	PCO007
Location To	BC	is required.	Error	Please enter [value].	PCO002
Location To	BC	Must be a valid NTS or DLS format	Error	Location To [value] is not of a valid NTS or DLS formats.	PCO007
Location From/To	BC	When Industry creates a Gathering Line, either the Location From or the Location To must be outside BC. It must not be a NTS nor a Peace River Block Location (Townships 77-88, Range 13-26, plus Township 76, Range 15-26 Meridian W6)	Error	At least of the Location From [value] or Location To [value] must be outside BC.	PCO008
Dehydration Unit					
Capacity Rating	BC	Is required.	Error	Please enter a [value].	PCO002
Capacity Rating	BC	must be a valid number; max 3 digits and 4 decimal places (999.9999).	Error	[Value1][value2] is an invalid format, max 3 digits before the decimal and max 4 digit after the decimal place.	PCO003
Capacity Rating	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Contactor Diameter	BC	Is required.	Error	Please enter a [value].	PCO002
Contactor Diameter	BC	must be a valid number; max 4 digits and no decimal places (9,999).	Error	[Value1][value2] is an invalid format, max 4 digits before the decimal and max 0 digit after the decimal place.	PCO003
Contactor Diameter	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Max Working Pressure	BC	Is required.	Error	Please enter a [value].	PCO002

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Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Max Working Pressure	BC	must be a valid number; max 5 digits and no decimal places (99,999).	Error	[Value1][value2] is an invalid format, max 5 digits before the decimal and max 0 digit after the decimal place.	PCO003
Max Working Pressure	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Year Installed	BC	Is required.	Error	Please enter a [value].	PCO002
Year Installed	BC	Must be a valid 4 digit year.	Error	Year Installed [value] is not valid.	PCO005
End Year	BC	Must be a valid 4 digit year and greater than or equal to the Year Installed.	Error	End Year [value] is not valid.	PCO005
End Year	BC	Equipment must not be in use in subsequent years.	Error	Equipment [value] is in use in subsequent years.	PCO006
Type	BC	is required.	Error	Please enter [value].	PCO002
Type	BC	Must be an existing Dehydrator Type "G", "D", or "C" in Petrinex.	Error	Dehydrator Type [value] is not valid.	PCO005
Location	BC	Is required.	Error	Please enter a [value].	PCO002
Location	BC	Must be a valid NTS or DLS format.	Error	Location [value] is not of a valid NTS or DLS formats.	PCO007
Compressor					
Brake Horsepower	BC	Is required.	Error	Please enter a [value].	PCO002
Brake Horsepower	BC	must be a valid number; max 5 digits and 1 decimal place (99,999.9).	Error	[Value1][value2] is an invalid format, max 5 digits before the decimal and max 1 digit after the decimal place.	PCO003
Brake Horsepower	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Year Installed	BC	Is required.	Error	Please enter a [value].	PCO002
Year Installed	BC	Must be a valid 4 digit year.	Error	Year Installed [value] is not valid.	PCO005
End Year	BC	Must be a valid 4 digit year and greater than or	Error	End Year [value] is not valid.	PCO005

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Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
		equal to the Year Installed.			
End Year	BC	Equipment must not be in use in subsequent years.	Error	Equipment [value] is in use in subsequent years.	PCO006
Type	BC	is required.	Error	Please enter a [value].	PCO002
Type	BC	Must be an existing Compressor Type "GERC", "GESC", "EMRC", "EMSC" or "TURB" in Petrinex.	Error	Compressor Type [value] is not valid.	PCO005
Location	BC	Is required.	Error	Please enter a [value].	PCO002
Location	BC	Must be a valid NTS or DLS format	Error	Location [value] is not of a valid NTS or DLS formats.	PCO007
Field Processing Unit					
Capacity Rating	BC	Is required.	Error	Please enter a [value]..	PCO002
Capacity Rating	BC	must be a valid number; max 6 digits and 2 decimal places (999,999.99).	Error	[Value1][value2] is an invalid format, max 6 digits before the decimal and max 2 digit after the decimal place.	PCO003
Capacity Rating	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Year Installed	BC	Is required.	Error	Please enter a Year Installed.	PCO002
Year Installed	BC	Must be a valid 4 digit year.	Error	Year Installed [value] is not valid.	PCO005
End Year	BC	Must be a valid 4 digit year and greater than or equal to the Year Installed.	Error	End Year [value] is not valid.	PCO005
End Year	BC	Equipment must not be in use in subsequent years.	Error	Equipment [value] is in use in subsequent years.	PCO006
Type	BC	is required.	Error	Please enter a [value].	PCO002
Type	BC	Must be an existing Process Type "A", "IS"or "ST" in Petrinex.	Error	Process Type [value] is not valid.	PCO005
Location	BC	Is required.	Error	Please enter a [value].	PCO002

Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Location	BC	Must be a valid NTS or DLS format	Error	Location [value] is not of a valid NTS or DLS formats.	PCO007
Lineheaters					
Capacity Rating	BC	Is required.	Error	Please enter a [value].	PCO002
Capacity Rating	BC	must be a valid number; max 6 digits and 0 decimal places (999,999).	Error	[Value1][value2] is an invalid format, max 6 digits before the decimal and max 0 digit after the decimal place.	PCO003
Capacity Rating	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Heat Duty	BC	Is required.	Error	Please enter a [value].	PCO002
Heat Duty	BC	must be a valid number; max 5 digits and no decimal places (99,999).	Error	[Value1][value2] is an invalid format, max 5 digits before the decimal and max 0 digit after the decimal place.	PCO003
Heat Duty	BC	Must be greater than zero.	Error	[Value1][value2] must be greater than zero.	PCO004
Year Installed	BC	Is required.	Error	Please enter a [value].	PCO002
Year Installed	BC	Must be a valid 4 digit year.	Error	Year Installed [value] is not valid.	PCO005
End Year	BC	Must be a valid 4 digit year and greater than or equal to the Year Installed.	Error	End Year [value] is not valid.	PCO005
End Year	BC	Equipment must not be in use in subsequent years.	Error	Equipment [value] is in use in subsequent years.	PCO006
Type	BC	is required.	Error	Please enter a [value].	PCO002
Type	BC	Must be an existing Lineheater Type "SP" or "DP" in Petrinex.	Error	Lineheater Type [value] is not valid.	PCO005
Location	BC	Is required.	Error	Please enter a [value].	PCO002
Location	BC	Must be a valid NTS or DLS format	Error	Location [value] is not of a valid NTS or DLS formats.	PCO007

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Data Element Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Common					
Del	BC	Check that the row is not being used on the PCOS Management Screens. If it is in use in the PCOS Management screen it cannot be deleted. Suggest an End Year be used to terminate it for future years.	Error	Can't delete [Equipment ID]. It is already in use in the PCOS Management Submissions.	PCO009
Submission	BC	Equipment data has been submitted successfully.	Information	[Value] data submitted successfully	PCO010
Submission	BC	Equipment data submitted contains error.	Error	There are [value] record(s) with errors. Some errors may be hidden due to filters, remove filters to show all errors.	PCO011
Submission	BC	New equipment row(s) submitted does not contains any data	Information	No Changes have been submitted	PCO042

3. BC PCOS EQUIPMENT OPERATOR CHANGE EDITS

Edits are the business rules that are applied to information submitted to Petrinex.

Business Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Equipment Operator ID	BC	The new Equipment operator ID must be entered	ERROR	The new operator cannot be blank.	PCO012
Equipment Operator ID	BC	The new Equipment operator ID must exist in Petrinex (BusinessAssociateT003 table)	ERROR	The specified new operator ID does not exist in Petrinex. [New Operator]	PCO013
Equipment Operator ID BA Corporate Status	BC	The new Equipment operator ID may not have BA Corporate status "Dissolved" as of the Effective Period.	ERROR	The specified new operator is invalid because [operator ID] is [corporate status] on [effective period].	PCO014
Equipment Operator ID BA Corporate Status	BC	The new Equipment operator ID may not have BA Corporate status "Inactive" as of the Effective Period.	ERROR	The specified new operator is invalid because [operator ID] is [corporate status] on [effective period].	PCO014
Equipment Operator ID BA Corporate Status	BC	If the new Equipment operator BA Corporate Status is "Amalgamated" as of the Effective Period, then Effective Period must be < the Amalgamation Established Date.	ERROR	The specified new operator is invalid because the change is effective after the amalgamation established date: [Amalgamation Established Date].	PCO015
Equipment Operator Change Start Date	BC	The start date of the Equipment operator change is required.	ERROR	Start date cannot be blank	PCO012
Equipment Operator Change Start Date	BC	The start date of the Equipment operator change must be YYYY- MM-DD	ERROR	The start date of the requested operator change was not in YYYY-MM-DD format. [Equipment Operator Change Start Date]	PCO016
Equipment Operator Change Start Date	BC	The start date of the Equipment operator change must be greater than the current Calendar date. Exception: This edit does not apply to OGC gathering lines.	ERROR	The start date [Start date] of the requested operator change is less than or equal to current calendar date [calendar date].	PCO017

Business Name	Jurisdiction	Validation Rule	Result Type	Message	Message Number
Equipment ID	BC	At least one Equipment ID must be specified	ERROR	Select Equipment cannot be blank.	PCO012
Equipment ID	BC	The Equipment ID must exist in Petrinex	ERROR	The specified Equipment ID does not exist: [Equipment ID]	PCO013
Equipment ID	BC	The Equipment ID must not have been created by OGC	ERROR	The specified Equipment ID [Equipment ID] [Segment ID] is maintained by OGC.	PCO018
BA ID	BC	Requester's BA Id must be the current operator of record for the equipment.	ERROR	You are not the current operator of [Equipment id] and cannot request a change of operator	PCO019
New Operator ID	BC	Government or Registry entities cannot be selected as new Equipment Operators.	ERROR	Government or Registry business associates cannot be selected.	PCO020
Submission	BC	Successful submission	INFO	PCOS operator change request submitted successfully	PCO021

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