

**COTS OUT OF SERVICE  
AMMENDMENT BULLETIN**

The Alberta Industrial and Heritage Railway Regulations note the following:

- **Railway operator responsibility**

A railway operator is responsible for the inspection and repair of all locomotives to ensure safe operation. All components, appurtenances and control apparatuses of all locomotives must be designed and maintained to perform their intended function.

- **Brake system**

The brake system and all related components, including the handbrake, must be

- (a) in a safe operative condition, and
- (b) maintained in accordance with the brake manufacturer's requirements.

A railway operator shall have a locomotive pneumatic brake maintenance plan in place. This plan must be made available to a Railway Safety Officer on request.

## **CONTINUOUS OPERATIONS**

1. If the locomotive is in continuous service, change out frequency of brake components of the clean oil test and stencil (COTS) is required on a 3 year cycle. Components change out are based on the manufactures recommendations.
  - Prior to the expiration of the 36 month cycle a COTS extension may be requested for a one year with a **maximum of two extensions** allowable for a total cycle of 5 years.
  - Extension of the COTS cycle requires the operator to make a written application **before expiration of the 36 months** to the Railway Administrator outlining previous history of the locomotive that an

extension is being requested for. The request must state any components that failed during the 3 year cycle and a copy of the Locomotive power equipment inspection certificate must be included. See Appendix A.

2. A locomotive equipped with a functional air dryer may go to a 4 year COTS cycle provided that the air dryer remains serviceable during that period.
  - Prior to the expiration of the 48 month cycle a COTS extension may be requested for one year with a maximum of two extensions to allow for a total cycle of 6 years.
  - Extension of the COTS cycle requires the operator to make a written application **before expiration of the 48 months** to the Railway Administrator outlining previous history of the locomotive that an extension is being requested. The request must state any components that failed during the 4 year cycle and a copy of the Locomotive power equipment inspection certificate must be included. See Appendix A.
3. A locomotive equipped with an electronic 26 Computer Controlled Brake (CCB) system may go to a 7 year COTS cycle.
4. Brake plans and extension requests are the responsibility of the railway operating certificate holder.

## OUT OF SERVICE CREDIT – AMMENDMENT

The amendment is intended to align the out of service credit with the Federal credit application.

Out of Service time credit – is applicable **after** a locomotive has been out of service a **minimum of 30 continuous days**.

Out of service can be accumulated with no restriction in a calendar year. Previously this was restricted to a maximum of 6 months per calendar year.

***COTS must be conducted at the end of 72 months from the date the COTS was conducted regardless of accumulated out of service time.***

**EXAMPLE**

**36 Month COTS Cycle**

<b>COTS Conducted</b>	<b>COTS Due Date</b>	<b>COTS 72 Month Max</b>
Jan 01 /10	Jan 01 / 13	Jan 01 / 16

	<b>From</b>	<b>To</b>	<b>In Service Time</b>	<b>Out of Service</b>	<b>Next COTS Due</b>
In Service	Jan 01/ 2010	Nov 01/ 2010	10 Months		
Out of Service	Nov 02 / 2010	Apr 30 / 2011		6 Months	Jun 30 / 2013
In Service	May 01 / 2011	Jan 01 / 2012	8 Months		
Out of Service	Jan 02 / 2012	May 30 / 2012		5 Months	Nov 30 / 2013
In Service	Jun 01 / 12	Jun 01 2013	12 Months		
Out of Service	Jun 02 / 2013	Jun 02 / 2015		24 Months	Nov 30 / 2015
In Service	Jun 03 / 2015	Nov 30 / 2015	6 Months		

**COTS is required Nov 30 / 2015**

**The maximum possible date would have been Jan 01 / 2016**

# Locomotive Brake Plan

## Locomotive Pneumatic Brake Plan

	<b>Date Locomotive Manufactured</b>	<b>Date of Manufacture</b>		<b>Brake System</b>
<b>Date of Last COTS</b> <small>(Clean Oil Test and Stencil)</small>	<b>Next COTS Due</b>	<b>1<sup>st</sup> COTS Extension Granted To Date</b>	<b>2<sup>nd</sup> COTS Extension Granted To Date</b>	<b>COTS Components Overhauled By</b>
<b>Components Changed Out As Per The Manufacture Recommendations</b>				
<b>Components That Failed During COTS Cycle</b>				
<b>Part Name</b>	<b>Reason for Failure</b>			<b>Failure Date</b>
1.				
2.				
3.				
4.				
5.				
6.				
<b>Events Attributed to Brake Failure</b>				<b>Event Date</b>
<b>Name of Competent Inspector(s)</b>				