

Incident Summary (Reference #)

SUPPORTING INFORMATION	Incident Date		July 18 2017	
	Location		Coombs	
	Regulated industry sector		Gas	
	Impact	Injury	Qty injuries	1
			Injury description	Minor burns to multiple areas of body, unspecified as to locations
		Injury rating	minor	
	Damage	Damage description	System which was not to code is completely destroyed	
		Damage rating	minor	
Incident rating		minor		
Incident overview		Tenant was preparing dinner in the kitchen and when he went to light the stove there was a small explosion and fire		
INVESTIGATION CONCLUSIONS	Site, system and components		Propane system with a rubber hose attached to stove and other end attached to propane tank outside, propane is turned on a tank allowing the gas to flow into the hose and when the stove is turned on it lights and burns the gas for cooking.	
	Failure scenario(s)		There was a CSA approved 350 lb rubber propane hose installed from the tank outside to the stove inside, a rodent had chewed a hole through the inside portion of the hose allowing propane gas to enter into the home behind the stove	
	Facts and evidence		Stove was examined on site and no faults were found except the failed rubber hose and the chew marks on the hose	
	Causes and contributing factors		The system was not installed to B149.1 code, nor was an installation permit taken out. Rubber hoses and not permitted to be installed in this manor. The failure of the rubber hose which was caused by the rodent chewing through it allowed propane to enter the home behind the stove, the tenant who lived in the cabin on this property smelled the propane but still lit the stove to cook which resulted in a small explosion and fire. .	

Photos or diagrams (if necessary)