

## Incident Summary (Reference #5613741)

SUPPORTING INFORMATION	Incident Date		March 27, 2017	
	Location		Courtenay	
	Regulated industry sector		Gas/ natural gas	
	Impact	Injury	Qty injuries	None
			Injury description	None
			Injury rating	None
	Damage		Damage description	Moderate burn damage to trusses and roof. No damage to equipment
			Damage rating	Moderate
	Incident rating		Moderate	
Incident overview		Rotating rack bakery oven had a grease fire in the steam venting which resulted in nearby trusses catching fire.		
INVESTIGATION CONCLUSIONS	Site, system and components		Rotating rack oven used for backing bread has been used for 10 plus years without the steam system. With steam system never being used, steam vent should remain closed during baking cycle. They have been baking all this time with steam vent open which likely caused a slow buildup of grease in the steam vent, which caught fire in the vent(which is single wall "C"vent), resulting in the nearby trusses catching fire.	
	Failure scenario(s)		Build-up of grease in steam vent caught fire due to vent being operated in "open" position and heat from baking cycle igniting the grease. The heat from prolonged use with vent open likely caused pyrolysis of the wood trusses which were more easily ignited during the grease fire in vent.	
	Facts and evidence		Evidence of excessive heat from fire in steam vent and roof termination as seen in photos. Neighbor witness also saw flames shooting from vent.	
	Causes and contributing factors		After talking to owner and employees it is clear they had not been using the oven and dampers as outlined in the manual. After years of improper use, the resulting grease build-up eventually caught fire causing the trusses to catch fire	

Photos or diagrams (if necessary)

see attached pdf files in Posse