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## Incident Report

File Number: 5467390  
Technology: Electrical  
Safety Officer: IAN HOWELLS  
Type of Premises: Single Family Residential

Status: File Closed  
Incident Date: 2013/08/13  
Incident Time: 05:04  
Investigation Date: 2013/08/22

**Incident Location:** 2200 53rd Avenue  
**Area:** VERNON E OF 27TH ST/ HWY 97N

### Executive Summary:

On August 13 2013 at 05:04 hours there was a fire in a single family dwelling at unit # 105 2200 53rd Ave. Vernon B.C. There were no reported injuries. The fire completely destroyed the dwelling and the dwelling next to it. The cause of this fire was an electrical fault in the meter base that caused an arc flash.

### Full Description of Incident:

On August 13 2013 at 05:04 hours there was a fire in a single family dwelling at unit # 105 2200 53rd Ave. Vernon B.C. There were no reported injuries. The fire completely destroyed the dwelling and the dwelling next to it. The cause of this fire was an electrical fault in the meter base that caused an arc flash.

An arc-flash occurred in the meterbase of the residence located at 105 - 2200 53rd Ave Vernon. The ensuing fire completely destroyed the residence, and the adjacent residence # 106

The fire crossed a four foot walkway to # 106 and in the process, melted the gas meters located in the walkway, which added to the fire. Due to the amount of damage the cause of the arc flash was not determined.

### Summary of Damages, Injuries, Fatalities:

The damage from this fire was the complete loss of two single dwellings, and their contents. There were no reported injuries.

Incident Severity: Level 2      Equipment Damage: Total Loss      Property Damage: Extensive

### People Involved:

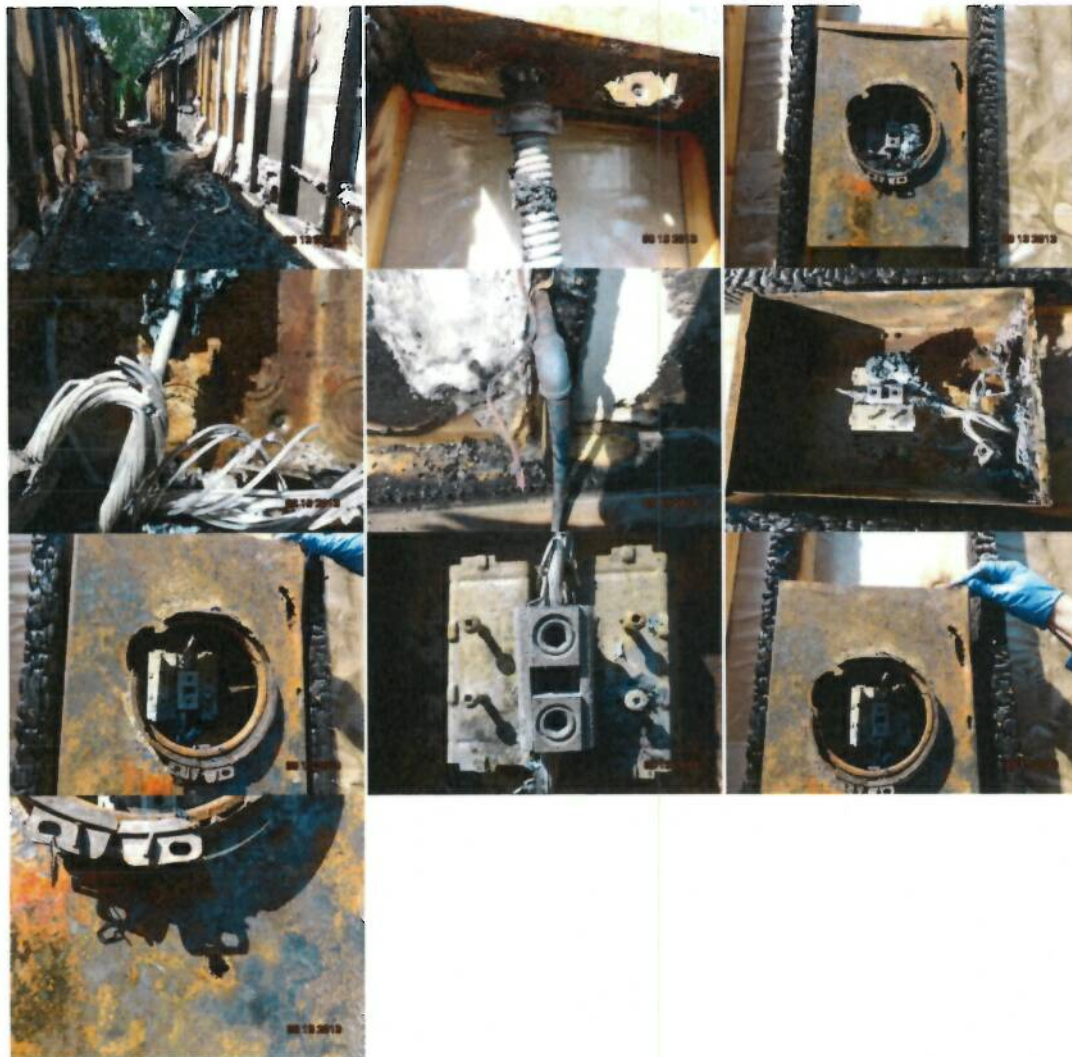
Number of People Injured: 0      Number of People Deceased: 0

### Cause Summary:

The cause of this fire was an electrical failure in the meter base for this dwelling. Due to the amount of damage, the cause of this failure and the resulting arc flash was not determined

## Pictures from fire at 2250 – 53rd Ave Vernon

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Pictures are left to right – top to bottom

- 1) Walkway between houses
- 2) Service cable entrance (ACWU)
- 3) Micro-Electric Meterbase showing arc-flash damage
- 4) Service entrance conductor in meterbase
- 5) Gas Line entrance into residence
- 6) Meterbase (only the neutral connection is left)
- 7) More arc-flash damage at the meterbase
- 8) Neutral Connection
- 9) More arc-flash damage