



# Safety Alert

FRM-118003

**Department:** Infrastructure  
**Location:** 19B M62 Substation  
**Incident Date:** 24/12/2012  
**Incident Time:** 12:57  
**Incident Number:** 133589  
**Safety Alert:** 19B M62 Harmonic Filter – 7th Harmonic Capacitor Failure

## Description:

During normal operation a capacitor has overheated in the M62 19B harmonic filter. This has led to an arc on the insulator terminal dislodging the doors and rendering the filter inoperable.

## Lessons Learned:

Over loading of Harmonic filter due to inappropriate change management practices



(Insert Photo here)

## Corrective & Preventative Actions:

1. Develop MST for internal harmonic filter inspection
2. Develop procedures for internal harmonic filter inspection
3. Arrange for external consultant to inspect harmonic filter
4. Discuss incident and possibility of reoccurrence at PTCEW Meeting
5. Develop a procedure to ensure personnel attach external consultants reports to the asset on Ellipse
6. Install temperature monitoring device to report to SCADA adjacent to harmonic filter

## For further information contact;

**Contact:** (Arthur McHugh

**Phone:** 47442313 Mob 0402893778

**Email:** amchugh2@xstratacopper

**Approved by :** Steve Budd

**Signature :**

**Date:** 21/02/2013