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The most up-to-date version is located on The Volt.**

SIGNIFICANT INCIDENT ALERT



Safety Gram number **esaa 01/2005**

esaa date of transmission: 29/04/2005

Aim

To increase safety awareness affecting safe working practices and to provide Incident/Accident information sharing between centres.

Date: **2 incidents within past 6 months**
Location: **Warrnambool Area**

Brief description of incident

2 recent cases of 95mm LVABC suspension clamps and hooked brackets and having shown signs of excessive wear & fatigue being identified in the past 6 months. Both incidents were in the Warrnambool area, and are of the early LVABC construction standards. In one case the suspension bracket has worn completely through, and allowed the 95mm LVABC to fall unsupported

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Suspension clamp damage.



Abrasive action of the suspension clamp has cut in to the hooked bracket.



Damaged and failed suspension clamps and hooked brackets.



Safety Gram topic: LVabc Hooked Bracket & Suspension Clamp Failure
Applies to: CitiPower Pty Powercor Australia Ltd

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Contributing factors to incident

Wind vibration on the LVABC resulted in the suspension clamp rubbing against the Hooked Bracket. Over time this action has fatigued the metal of the suspension clamp and resulted eye hole in the suspension clamp being enlarged (in one case to the point of failure), and the hooked bracket being cut into.

Both sites have been in service for approximately 13years.

Local action taken

Brackets and suspension clamps replaced and reported to Asset Failure Representative.

Additional comments

These types of 95mmLVABC suspension clamps were used with the introduction of LVABC into the SECV in the coastal areas in the early 1990s and associated technical standards were superseded in the mid 90's

Further action

Communication to construction personnel to ensure their awareness of this issue, particularly in the coastal areas.

Development of maintenance policy for LVABC, including inspection tasks in coastal areas.

Potential severity

Injury / public damage

Discussion and notification

- Please discuss at Work Group Meeting
- Copy to all notice boards on yellow paper
- Please forward to contractors as relevant

Reported by: Rowan Smith	Phone: 0419 156 256	Date: 00/00/0000
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