

No: [NRS 293](#)

## Infrastructure Safety Bulletin

### Cracks On SRS 8T21 Work Basket Structure

For the attention of all users of SRS 8T21 Volvo FL6 Road Rail MEWP's

#### Background

During planned electrification construction works over weekend 6-8 September 2013, cracks were found around the welded connection that forms the Work basket rotation mounting point.

The cracking has a direct effect on the structural integrity of the connection and the machines identified were withdrawn from service.

Complete failure of the mounting could have resulted in uncontrolled rotation of the work basket.

Initial inspections have identified additional machines of this type with similar cracking around the work basket rotation mounting point.

#### Immediate Action Required by Users

The machines must be withdrawn from service with immediate effect and the following action taken

- Thorough and detailed inspection of the affected connection points using NDT
- Based on the outcome of the detailed inspection repairs should be carried out in line with approved weld procedures and processes by the appointed vehicle maintainer.

#### Investigation

An investigation is underway to establish the root cause of the cracking and prevent future reoccurrences.



Example of affected vehicles  
SRS 8T21 Volvo FL6 Road Rail MEWP



Example of location  
of cracking found  
around work basket  
rotate cylinder

