

Banavie Moving Bridge

1 'B' Examination

1.1 Rotating Mechanism

- a) Lubricate centre pivot
- b) Check rotating mechanism for correct operation

1.2 Bridge General

- a) Check bed bolts for security.
- b) Check drive chain for satisfactory condition and wear.
- c) Check drive sprockets for satisfactory condition and wear.
- d) Lubricate chain and sprockets if appropriate
- e) Check all indicators in signal box for satisfactory condition and security.
- f) Carry out functional test.

2 'C' Examination

2.1 Bridge Raising Jacks

- a) Check bridge raising jacks for security
- b) Check that no clearance exists between the landing pads and jacks when set for rail traffic.
- c) Check limit switches for satisfactory condition and security.
- d) Check limit switches for correct operation.
- e) Check gearbox oil level top up as required.
- f) Check protective gaiter for damage and security.
- g) Clean protective gaiter.

2.2 Jack Landing Pad

- a) Check for satisfactory condition and security
- b) Clean and lubricate if required.

2.3 Locking Bolts

- a) Check locking bar actuator for satisfactory condition and security.
- b) Check locking bar actuator limit switches for satisfactory condition and security.
- c) Check locking bar for satisfactory condition lubricate as required.

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- d) Check locking bar engaged switch for satisfactory condition and security. (ref: risk assessment for working over water)

2.4 Rotating Mechanism

- a) Clean rollers/skates and lubricate if required.
- b) Lubricate centre pivot
- c) Check rack & pinion for broken teeth good mesh etc. lubricate if required
- d) Check traversing shaft (bevel gearing in capstan) lubricate as required.
- e) Clean well area.
- f) Check rotating mechanism for correct operation

2.5 Bridge General

- a) Carry out tasks for 'B' Examination.

3 'D' Examination

3.1 Bridge Raising Jacks

- a) Carry out tasks for for 'C' examination.

3.2 Jack Landing Pad

- a) Carry out tasks for 'C' examination.

3.3 Locking Bolts

- a) Carry out tasks for 'C' examination.

3.4 Rotating Mechanism

- a) Carry out 'B' and 'C' examinations.
- b) Clean rollers/skates and lubricate if required.

3.5 Bridge General

- a) Carry out 'B' examination.

4 'E' Examination

4.1 Bridge Raising Jacks

- a) Carry out a 'C' examination.

4.2 Jack Landing Pad

- a) Carry out a 'C' examination