

**WILLIAM
BRADSHAW**
RRV (ANNUAL) BRAKE TEST

Machine Type: 988 Serial & Fleet Number: 47
 Date of Inspection: 18/10/23 Fitters Name: S. WATKINS
 Next Inspection Due: 17/10/24 Location: L/PORT YARD
 Load Cell S/No...28752..... Load Cell Cert No...54917

| Reason for Brake Test | Test Conditions | Machine Conditions |
|---|---|--------------------|
| After Repairs or <u>12 Monthly Inspection</u> | The Brake Test must be carried out in dry conditions and on a level track | Unladen |

RECORDED TEST RESULTS FOOT BRAKE

Prior to the test, the tyres must be inspected for wear and must be inflated to the correct pressures. The test can be completed normally on the rail or on the road by using the calibrated brake meter.

| TEST RUN | ROAD | RAIL | STOPPED IN METERS | AVERAGE STOPPING DISTANCE |
|---|------|--------|-------------------|---|
| RUN 1 | | 10 mph | <u>3.1 m</u> | <u>3m</u> |
| RUN 2 | | 10 mph | <u>3.0 m</u> | |
| RUN 3 | | 10 mph | <u>2.7 m</u> | |
| Stopping distance from previous Routine Maintenance Brake Test (m) | | | | <u>3.07</u> |
| Has the braking distance increased by more than 10% of the last Routine Maintenance Brake Test <small>(If so, remove machine from service & investigate the cause. Do not allow back into service until a satisfactory Brake test is achieved)</small> | | | | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Maximum stopping distance permitted from Reference Brake Test (m) | | | | <u>10.52m.</u> |

PULL TEST

NOTE: The Pull Test achieved must be \geq (equal to or greater than) the minimum Pull Test identified in specific vehicle Maintenance Manual.

| PULL TEST APPLIED | Kg's Achieved | Kg's Required | PASS | FAIL |
|-------------------|---------------|-----------------|-------------------------------------|------|
| Service Brake | <u>5000kg</u> | <u>2760 kg.</u> | <input checked="" type="checkbox"/> | |
| Park Brake | <u>3800kg</u> | <u>1380 kg</u> | <input checked="" type="checkbox"/> | |
| COMMENTS | | | | |

PARKBRAKE PRESSURE TEST

| HYDRAULIC SERVICE/PARK BRAKE PRESSURE | | | | | | |
|---------------------------------------|----|--------------|------|---|------|--|
| Ref: MAINTENANC PLAN | | RQMA 0043-10 | | | | |
| PARK BRAKE ON | 0 | BAR | PASS | / | FAIL | |
| PARK BRAKE OFF | 60 | BAR | PASS | / | FAIL | |
| SERVICE BRAKE ON | 60 | BAR | PASS | / | FAIL | |
| SERVICE BRAKE OFF | 0 | BAR | PASS | / | FAIL | |

| AIR SERVICE/PARK BRAKE PRESSURE (8BAR+ - 0.5) | | | | | | |
|---|-----|--------------|------|---|------|--|
| Ref: MAINTENANC PLAN | | RQMA 0043-10 | | | | |
| PARK BRAKE ON | 0 | BAR | PASS | ✓ | FAIL | |
| PARK BRAKE OFF | 8 | BAR | PASS | / | FAIL | |
| SERVICE BRAKE ON | 7.8 | BAR | PASS | / | FAIL | |
| SERVICE BRAKE OFF | 0 | BAR | PASS | / | FAIL | |

ADJUSTMENT OR REPAIR DETAILS

I confirm that this routine Maintenance Brake Test does not exceed the maximum permitted by the Reference Brake Test

D Walters

.....(Signature of tester)

I confirm that this Routine Maintenance Brake Test has not exceeded the previous Routing Maintenance Brake Test by more than 10%, or has exceeded because:

.....

.....

D Walters

18/10/23
.....(Signature of Tester)

.....(Approved by Supervisor)