



BRAKE TESTING

KT FORMS
RRV-FRM-035

| | |
|----------------------|---------------|
| OUR MACHINE REF. NO. | R9295 |
| CUSTOMER REF. NO. | 36 |
| MACHINE SERIAL NO. | CGG0232265 |
| MACHINE TYPE | Case 988 |
| TEST DATE | 19/01/2022 |
| TEST DRIVER | Andy Screaton |
| TEST ASSISTANTS | Tom White |
| | |
| | |

TESTS TO BE CONDUCTED ON RAIL WHEELS ON LEVEL TRACK
 CALIBRATE SPEED SENSOR BEFORE TESTING
 POSITION BOOM TOWARDS THE DIRECTION OF TRAVEL
 FORWARDS = PIVOTING AXLE FIRST
 REVERSE = FIXED AXLE FIRST
 NEVER SLEW WHEN IN MOTION, ALWAYS COMPLETELY COME TO A STOP

| Vehicle speed | | Maximum stopping distance |
|---------------|--------|---------------------------|
| mph | (km/h) | |
| 4 | 6 | 5 |
| 5 | 8 | 6 |
| 10 | 16 | 18 |
| 15 | 24 | 36 |
| 20 | 32 | 60 |
| 25 | 40 | 89 |
| 30 | 48 | 125 |
| 35 | 56 | 170 |

| Static Park Brake Pull Test | | |
|---|-----------|-----------|
| Machine Mass | 6% | Pull Load |
| 24545 Kg | 1472.7 Kg | 4400 Kg |
| Minimum acceptable pull load is 6% Gross Vehicle weight | | |

SET MACHINE TO :-
 AUTO REVS (ON)
 REV DIAL TO MAXIMUM
 G/O OPERATION
 AXLES MUST BE UNLOCKED WHEN TRAVELING

| | FORWARDS | REVERSE |
|-------------------------------|----------|---------|
| MACHINE MAXIMUM SPEED ON RAIL | 9.5 mph | 9.5 mph |

VEHICLE ONLY

| | FORWARDS | | REVERSE | |
|--|----------|-------|---------|-------|
| | mph | m | mph | m |
| MAXIMUM MACHINE SPEED | 9.5 mph | 7.5 m | 9.5 mph | 9.2 m |
| | 9.5 mph | 8.1 m | 9.5 mph | 8.8 m |
| | 9.5 mph | 8.2 m | 9.5 mph | 9.8 m |
| 4 MPH (6 KM/H) | 3.0 mph | 1.7 m | 3.0 mph | 1.5 m |
| | 3.0 mph | 2.3 m | 3.0 mph | 1.4 m |
| | 3.0 mph | 2.1 m | 3.0 mph | 1.7 m |
| MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX | 5.0 mph | 3.7 m | 5.0 mph | 3.4 m |
| | 5.0 mph | 3.3 m | 5.0 mph | 2.8 m |
| | 5.0 mph | 3.5 m | 5.0 mph | 2.8 m |

ANY EXTRA RESULTS (NOT REQUIRED)

| | FORWARDS | | REVERSE | |
|--|----------|---|---------|---|
| | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |



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|----------------------|-------|
| OUR MACHINE REF. NO. | R9295 |
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| | |
|---------------------|--------------|
| VEHICLE TARE WEIGHT | 24,545.00 te |
|---------------------|--------------|

| TRAILER NO1 | | TRAILER NO2 | |
|----------------|--|----------------|--|
| TRAILER WEIGHT | | TRAILER WEIGHT | |
| BLOCK 1 WEIGHT | | BLOCK 1 WEIGHT | |
| BLOCK 2 WEIGHT | | BLOCK 2 WEIGHT | |
| BLOCK 3 WEIGHT | | BLOCK 3 WEIGHT | |
| BLOCK 4 WEIGHT | | BLOCK 4 WEIGHT | |
| BLOCK 5 WEIGHT | | BLOCK 5 WEIGHT | |
| BLOCK 6 WEIGHT | | BLOCK 6 WEIGHT | |
| BLOCK 7 WEIGHT | | BLOCK 7 WEIGHT | |
| BLOCK 8 WEIGHT | | BLOCK 8 WEIGHT | |
| TOTAL | | TOTAL | |

EACH TRAILER MUST WEIGH NO LESS THAT THE TARE WEIGHT OF THE VEHICLE

VEHICLE AND ONE TRAILER BEING PULLED (PARK BRAKE CONNECTED ONLY)

| | FORWARDS | | REVERSE | |
|--|----------|---|---------|---|
| | mph | m | mph | m |
| MAXIMUM MACHINE SPEED | mph | m | mph | m |
| 4 MPH (6 KM/H) | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |
| MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |

VEHICLE AND TWO TRAILER BEING PULLED (PARK AND SERVICE BRAKE CONNECTED)

| | FORWARDS | | REVERSE | |
|--|----------|---|---------|---|
| | mph | m | mph | m |
| MAXIMUM MACHINE SPEED | mph | m | mph | m |
| 4 MPH (6 KM/H) | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |
| MIDWAY BETWEEN 4 MPH (6 KM/H) & MAX | mph | m | mph | m |
| | mph | m | mph | m |
| | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |
| ANY EXTRA RESULTS | mph | m | mph | m |