



QM-C-7.1/AB/0018/M
Inspection Plan(Check Sheet)

Item: Loco Brake Equipments (MU-2B Valve)
Specn. : MP.0.01.00.19, Rev.01 of June'2010
Amd.:
Drg. No. & Alt.: WEBCO PC No. 564144 (WEBCO Test Spec. No. T-2655-0)

1. Name of Manufacturer
2. Description of material
3. Purchase Order
4. Total Quantity ordered
5. Quantity Earlier passed
6. Quantity now offered
7. Consignee
8. D.P.

| | | |
|----|--------------------|--|
| 1. | Date of Inspection | |
| 2. | Qty. Accepted | |
| 3. | Qty. Rejected | |
| 4. | Balance order | |

- 1.0 Pre-Inspection checks
- 1.1 Sampling Plan: (10%)
- 1.2 Ensure availability of valid Internal Test reports YES NO
- 1.3 Ensure calibration status of equipment, test benches, gauges and instruments to be used in inspection. YES NO
- 1.4 Availability of adequate Air pressure on test bench. YES NO

Signature of firms Representative

RDSO Representative



TEST REPORT

PRODUCT: MU2B VALVE
PART No. 51410000
TS REF : TS-016-1

WABCO PART. No. 564144
WABCO TEST REF No. T-2655-0
Date :

| Test No. | Test Description | Result to be obtained | Results Obtained | | | | | | | | | |
|----------|-----------------------------|-----------------------|------------------|--|--|--|--|--|--|--|--|--|
| | | | Sl.No. of Valves | | | | | | | | | |
| 1.0 | LEAK TESTING (LEAD) | | | | | | | | | | | |
| A | 'O' RING | | | | | | | | | | | |
| | Check leak at cock D | No float rise | | | | | | | | | | |
| (b) | 'O' RING | | | | | | | | | | | |
| | Check leak at cock 4 | No float rise | | | | | | | | | | |
| (c) | 'O' RING | | | | | | | | | | | |
| | Check leak at Ex. Port | No Leakage | | | | | | | | | | |
| (d) | CASTING | | | | | | | | | | | |
| | Check leak through valve | No Leakage | | | | | | | | | | |
| B- | LEAK TESTING (TRAIL) | | | | | | | | | | | |
| (a) | 'O' RING | | | | | | | | | | | |
| | Check leak at cock D | No float rise | | | | | | | | | | |
| (b) | 'O' RING | | | | | | | | | | | |
| | Check leak at cock F | No float rise | | | | | | | | | | |
| (c) | 'O' RING | | | | | | | | | | | |
| | Check leak at cock E | No float rise | | | | | | | | | | |
| (d) | 'O' RING | | | | | | | | | | | |
| | Check leak at cock Ex. Port | No Leakage | | | | | | | | | | |
| (e) | CASTING | | | | | | | | | | | |

Signature of firms Representative

RDSO Representative



| | | | | | | | | | | | | | | | | | | | |
|---|-----|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2 | (a) | Check leak through valve | No Leakage | | | | | | | | | | | | | | | | |
| | | CAPACITY (TRAIL) Port 30 to 63 | | | | | | | | | | | | | | | | | |
| | | Observe pressure rise in Q.SER gauge | Pressure rises 8 to 100 PSI in 3 to 6 Sec. | | | | | | | | | | | | | | | | |
| | (b) | Port 53 to Exhaust | | | | | | | | | | | | | | | | | |
| | | Observe pressure drop in BC RES | Pressure drops from 120 PSI to 20 PSI in 6 to 9 secs. | | | | | | | | | | | | | | | | |
| | (B) | CAPACITY (LEAD) | | | | | | | | | | | | | | | | | |
| | (a) | PORT 30 TO EX. | | | | | | | | | | | | | | | | | |
| | | Observe pressure drop in Emer. Gauge | Pressure drops from 120 PSI to 100 PSI in 5 to 18 secs. | | | | | | | | | | | | | | | | |
| | (b) | PORT 20 TO 2 | | | | | | | | | | | | | | | | | |
| | | Observe pressure drop in AR | Pressure drops from 120 PSI to 40 PSI in 6 to 9 secs. | | | | | | | | | | | | | | | | |
| | (c) | PORT 13 TO 3 | | | | | | | | | | | | | | | | | |
| | | Observe pressure drop in AR | Pressure drops from 120 PSI to 40 PSI in 6 to 9 secs. | | | | | | | | | | | | | | | | |
| | (d) | PORT 63 TO 53 | | | | | | | | | | | | | | | | | |
| | | Observe pressure drop in Q.SER gauge | Pressure drops from 120 PSI to 20 PSI in 7 to 10 secs. | | | | | | | | | | | | | | | | |

Signature of firms Representative

RDSO Representative