



QM-C-7.1/AB/0018/P

Inspection Plan(Check Sheet)

Item: Loco Brake Equipments (N-1 Reducing Valve)
Specn. : MP.0.01.00.19, Rev.01 of June'2010
Amd.:
Drg. No. & Alt.: WEBCO PC No. 552238 (WEBCO Test Spec. No. T-1598-0)

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 : N1 REDUCING VALVE
PART No. 523101000
TS REF : TS-022-2

WABCO PC. No. 552238
WABCO TEST REF No. T-1598-0
Date :

| Test No. | Test Description | Result to be obtained | Results Obtained | | | | | | | | | |
|----------|--|----------------------------------|------------------|--|--|--|--|--|--|--|--|--|
| | | | Sl.No. of Valves | | | | | | | | | |
| 7.0 | Device conditioning | | | | | | | | | | | |
| 7.5 | Turn adj. Screw & observe the pr. gauge | Clockwise – Pr. Rise 70 psi | | | | | | | | | | |
| | | Anti clock wise – Pr. Drop. | | | | | | | | | | |
| 7.11 | Ex. Valve opening Test | Air blows out thro. Exhaust | | | | | | | | | | |
| 7.12 | Ex. Valve closing Test | Blowing out stops | | | | | | | | | | |
| 8.0 | LEAK TESTING | | | | | | | | | | | |
| 8.2 | EX.CHK.VALVE & DIAPHRAGM | | | | | | | | | | | |
| | Observe ER & AR gauge | 1 PSI max. drop in 15 secs. | | | | | | | | | | |
| 8.3 | IN.CHK.VALVE & DIAPHRAGM | | | | | | | | | | | |
| 8.3.2 | Observe ER gauge | 1 PSI max. drop in 15 secs. | | | | | | | | | | |
| 8.4 | CASTING & GASKET | | | | | | | | | | | |
| 8.4.1 | Check leak through valve | No Leakage | | | | | | | | | | |
| 9.0 | CAPACITY | | | | | | | | | | | |
| 9.2 | Observe pressure rise in AR gauge | Pr. Rises to 50 PSI in 9secs.max | | | | | | | | | | |
| 10.0 | FUNCTION TEST | | | | | | | | | | | |
| 10.3 | Check pressure drop in BP.VOL gauge | 5 PSI max. drop | | | | | | | | | | |
| 11 | FINAL SETTING | | | | | | | | | | | |
| 11.2 | Turn. adj. screw to the required pr. setting | 4 Kg./Sq.cm | | | | | | | | | | |

Signature of firms Representative

RDSO Representative