



**QM-C-7.1/AB/0018/F**

**Inspection Plan(Check Sheet)**

**Item:** Loco Brake Equipments (H-5 Relay Air Valve)  
**Specn. :** MP.0.01.00.19, Rev.01 of June'2010  
**Amd.:**  
**Drg. No. & Alt.:** WEBCO PC No. 528561 (WEBCO Test Spec. No. T-1462-0)

-----

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 Sample 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 : H5 RELAY AIR VALVE  
PART No. 508 1010 00  
TS REF : TS-014-1

WABCO PART.No. 528561  
WABCO TEST REF No. T-1462-0  
Date :

Test No.	Test Description	Result to be obtained	Results Obtained										
			Sl.No. of Valves										
			5701	5702	5703	5704	5705						
6.0	LEAK TESTING												
6.4	SUP. VALVE & PACKING RING												
s	Check leak at cock 4	8 cu. Inches max. float rise											
6.5	EX. VALVE & PACKING RING												
6.5.1.1	Check leak at cock 4	8 cu. Inches max. float rise											
6.6	DIA PHRAGM												
6.6.1	Check leak at vent port	No leakage											
6.7	PACKING RING IN DIAPH. FOLLOWER												
6.7.2.1	Check leak a vent port	No leakage											
6.8	CASTING & GASKET												
6.8.1	Check leak through entire valve	No leakage											

Signature of firms Representative

RDSO Representative



7.0	CAPACITY TESTING												
7.2	PORT 11 THROUGH EX. VALVE TO PORT 9												
7.2.4.1	Observe pr. Drop in Q. Ser. Gauge	Pr. Drops 80 PSI to 10 PSI in 8 secs. Max.											
7.3	PORT 12 THROUGH SUPP. VALVE TO PORT 11												
7.3.2.1	Observe pr. rise in Q. Ser Gauge	Pr. rises from 0 PSI to 70 PSI in 5 secs.											
8.0	<b>SPRING TESTING</b>												
8.5.1	Observe BP. VOL. gauge pr. when Q. SER gauge Pr. starts rising	Pr. is in between 35 & 40 PSI											
8.5.3.1	Observe BP VOL. gauge pr. when Q.SER gauge pr. equal to MR. Pr.	BP.VOL pr. should not be more than 45 PSI.											
8.9.2	Observe BP.VOL gauge pre. When Q.SER gauge pr. starts reducing from 80 PSI.	BP VOL pr should not be more than 31 PSI.											
8.9.2.1	Observe BP.VOL gauge pr. when Q.SER guage pr. is 0.	BP.VOL pr. should not be less than 27 PSI.											

Signature of firms Representative

RDSO Representative