



QM-C-7.1/AB/0018/G

Inspection Plan(Check Sheet)

Item: Loco Brake Equipments (HB-5 Relay Air Valve)
Specn. : MP.0.01.00.19, Rev.01 of June'2010
Amd.:
Drg. No. & Alt.: WEBCO PC No. 549930 (WEBCO Test Spec. No. T-1976-0)

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 : HB5 RELAY AIR VALVE
PART No. 509 1010 00
TS REF : TS-012-1

WABCO PC. No. 549930
WABCO TEST REF No. T-1976-0
Date :

Test No.	Test Description	Result to be obtained	Results Obtained									
			Sl.No. of Valves									
			5836	5837	5838	5839	5840	5841	5842	5843		
7	LEAK TESTING											
7.4	DIAPHRAGM AND DIA FOLLOWER PACKING RING											
	Check leak at cock 8	No float rise										
7.4	SUP VALVE AND PACKING RING											
	Check leak at cock 4	6 Cu. In max. float / min.										
7.6	EXHAUST VALVE											
7.6.1	Check leak at cock 4	6 Cu. In max. float / min.										
7.8	CASTING AND GASKET											
	Check leak through entire valve	No leakage										

Signature of firms Representative

RDSO Representative



8	CAPACITY TESTING												
8.2	PORT 9 THROUGH SUP. VALVE PORT 11												
8.2.2	Observe pressure rise in Q.SER gauge	Pressure rises from 0 PSI to 70 PSI in 5 secs max.											
8.3	PORT 11 THRO. EX. VALVE PORT 12												
8.3.2	Observe pressure drop in Q.SER Gauge	Pressure drops from 80 to 10 PSI in 8 secs. Max.											
	SPRING TESTING												
9.8	Observe BP.VOL Gauge pressure when Q.SER gauge pressure starts dropping	Pressure is in between 9 and 13 PSI.											
9.10	Reduce BP. Res. Gauge Pressure to max of 4 PSI and observe Q.SER gauge	Pressure rises to 80 PSI.											

Signature of firms Representative

RDSO Representative