



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

**Inspection Plan(Check Sheet)**

**Item:** Loco Brake Equipments (C-2W Relay Valve with 5 & 6 mm Choke)  
**Specn. :** MP.0.01.00.19, Rev.01 of June'2010  
**Amd.:**  
**Drg. No. & Alt.:** WEBCO PC No. 579991 (WEBCO Test Spec. No. T-3439-0)

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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 : C-2W RELAY AIR VALVE 5MM CHOKE  
PART No. 505 0011 00A  
TS REF : TS-009-1

WABCO PART.No. 579991  
WABCO TEST REF No. T-3439-0  
Date : 27.05.2007

Test No.	Test Description	Result	Results Obtained									
			Sl.No. of Valves									
7.0	LEAKAGE TESTING											
7.6	SUP. CHK. VALVE & 'O' RING											
7.6.1	Check leak at cock 8	Not more than 3 cu.in/min (max)										
7.7	EX. CHK. VALVE & 'O' RING											
7.7.3	Check leak at cock A	Not more than 3 cu.in/ min (max.)										
7.8	CASTING, GASKET & O RING											
	Check leak through valve	No leakage										
7.9	DIAPHRAGM											
7.9.3	Check leak at cock 8	No leakage										

Signature of firms Representative

RDSO Representative



8.0	CAPACITY TESTING																		
8.2	SUP. PORT TO DEL. PORT																		
8.2.1	Observe pr. rise in AR gauge	Pr. Rises to 100 PSI in 3 sec. Max. and continue to rise to 110 PSI.																	
8.3	DEL. PORT TO EX. PORT																		
	Observe pr. drop in AR gauge	110 PSI to 10 PSI in 6 secs. Max.																	
9.0	SENSITIVITY																		
9.3	Observe pr. Rise in AR gauge	Pr. rises in corresponding steps of 1 PSI for every 1 PSI rise in BP VOL gauge.																	
9.5	Observe pr. Rise in AR gauge	Pr. decreases in corresponding steps of 1 PSI for every 1 PSI drop in BP VOL. gauge.																	
9.7	Observe pr. drop in AR gauge	Pr. is maintained between 37 to 40 PSI.																	

Signature of firms Representative

RDSO Representative