



QM-C-7.1/AB/0018/K

Inspection Plan(Check Sheet)

Item: Loco Brake Equipments (VA-1B Control Air Valve)
Specn. : MP.0.01.00.19, Rev.01 of June'2010
Amd.:
Drg. No. & Alt.: WEBCO PC No. 564523 (WEBCO Test Spec. No. T-2918-0)

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 : VA-1B CONTROL VALVE
PART No. 504001000
TS REF : TS-007-1

WABCO PART. No. 564523
WABCO TEST REF No. T-2918-0
Date:

Test No.	Test Description	Result to be obtained	Results Obtained																	
			Sl.No. of Valves																	
5.0	LEAKAGE TESTING																			
5.4.3	RELEASE VALVE STEM "O" RING																			
5.4.1	Check leak at port 12 opening	No leakage																		
5.5	LARGE DIAPHRAGM																			
5.5.1.1	Observe pr. drop in control res. Gauge	No pressure drop in 20 secs																		
5.6	SMALL DIAPHRAGM																			
5.6.2.1	Observe pr. drop in B.P. in line gauge	No pressure drop in 20 secs																		
5.7	RELEASE VALVE STEM "O" RING																			
	Check leak at #73 drill choke opening	No Leakage																		
	Cap Nut																			
	Check leak at #73 drill choke opening	No Leakage																		
	Cap Nut																			
	Check leak around cap nut	No Leakage																		
	Casting																			
	Check leak around port 12	No Leakage																		

Signature of firms Representative

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	CASTING AND GASKET												
	Check leak through valve	No Leakage											
	VALVE FUNCTION												
	Check vac. Drop in gauge B (60 PSI)	Vac drops between 9" to 11"											
	Check leak in gauge B (45 PSI)	Vac drops to 0" Hg											
	Check vac. Drop on gauge B	Between 19.5 to 20.5 Hg											
	Check vac. Drop in gauge B	Vac drops to 0" in 1 sec max.											
	CAPACITY												
	Observe vac. Rise upto 15" Hg in gauge B	Vac should rise in 5 secs max.											
	Check rise drop upto 0" Hg in gauge B	Vac should rise in 4 secs max.											
	Check rise in appl. Res. Gauge 0 to 20 PSI.	Pressure should rise from 19 secs to 23 secs.											
	Check pressure drop in QA CH gauge	Pr. should drop from 70 to 65 PSI in 8 to 10 secs.											
	SPRING												
	Check for leak at port 11	It should be between 14" to 15" of Hg in gauge B											
	Check vac. in gauge B when air starts blowing at #73 choke.	19" Max.											

Signature of firms Representative

RDSO Representative