



QM-C-7.1/AB/0019

Inspection Plan(Check Sheet)

Item: Feed Valve for Diesel (Including EMD locomotives)
and Electric Locomotives

Specn. :

Amd.:

Drg. No. & Alt.: F2 (Escorts' Drg. No. 1KB-1143 issue 5)
C2N (SIL drg. No. 29197201, Rev 02)
FT-1 (FTIL Drg. No. 025071075 and Part no. 507001700)

-
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



RDSO OBSERVATION
PERFORMANCE TEST OF C2N FEED VALVE
SIL DRG.NO. 29197201

S.NO.	DESCRIPTION	STANDARD	OBSERVATION		
1.	Supply pressure in MR gauge	142 PSI			
2.	Leakage Test Apply soap water over the body & bracket except exhaust port hole.	No leakage allowed.			
3.	Apply soap water at exhaust port hole.	1" bubble in 10 secs. Max.			
4.	Supply check valve and 'O' Ring of C2W Valve Apply soap water at Opening of Cock No.	1" bubble in 10 secs. Max.			
5.	Exhaust check valve 'O' Ring & diaphragms Apply soap water at Opening at back hole of the bracket. Apply soap water at the opening of spring Housing of N1	1" bubble in 10 secs. Max. 1" bubble in 10 secs. Max.			
6.	Capacity Delivery pressure 0-80 PSI Delivery port to exhaust 85 PSI to 82 PSI through 6mm hole	In 5 secs. Max. In 30 secs. Max.			
7.	Functional test :-	Will not increase more than 2 PSI.			
a)	Delivery pressure gauge increase in 5 min.				
b)	Delivery pressure gauge should not drop when. When cock 3 air open to exhaust through 65 drill choke.	Not more than 3 PSI.			
c)	Close the isolating cock fitted at outlet port and supply the pressure at outlet of valve at 86 psi and inlet pressure zero kg/cm ²	Delivery pressure gauge should not drop below 86 psi for 3 mts.			

Signature of firms Representative

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RDSO Representative
Name Designation & Stamp
RDSO Representative