



QM-C-7.1/AB/0005
Inspection Plan(Check Sheet)

Item: Bogie Mounted Brake Cylinder
Specn. : C-K013
Amd.:
Drg. No. & Alt.: SK-81200 Alt-05, SK-81057 Alt-07, SK-81202 Alt-02

1. Firm's name :
2. Date (Period) of inspection :
3. Contract Details :
 - a) Contract No. & Date :
 - b) Order placing authority :
 - c) Specification No. :
(as mentioned in contract)
 - d) Drawing No. :
(as mentioned in contract)
4. Quantity on order :
5. Quantity offered for inspection on Date :
6. Consignee :

Note: Both the pages to be filled when item supplied separately otherwise only page 2 of 2 to be filled.

Signature of Firm's Representative

Signature of RDSO



7. **Acceptance Criteria:**
 Equipment Ready Yes / No
 D.P. within due date Yes / No
- 7.1 **Visual Check :**
 Name Plate / S.No. Punching / Any loose fitting OK / Not OK
 Opening plugged with PVC Plugs / Caps Yes / No
 Visual Defects : Yes / No
- 7.2 **Performance Tests & Dimensional Check :**
 Air / Hydraulic Pressure Adequate Yes / No

CHECK SHEET

No. of Sets -

Qty.....

SL. NO.	TEST DESCRIPTION	MODE	SAMPLE SIZE	SPECIFIED PARA – METERS	OBSERVED VALUES					REMARKS
					1	2	3	4	5	
1.	<u>DIMENSIONAL CHECKS</u>	GAUGE & INSTRUMENTS	2% Min. 2	685 +0 -10						Measuring Tape
				204 ± 0.5						Vemier
				117.5±0.5						Vemier
				1/2" BSP						With Gauge
				23.8±0.1						Vemier
2	<u>LEAKAGE TEST :</u> a. Leakage Testing at 0.7 kg/cm ² for 10 minutes at Piston stroke 30mm. b. Leakage testing at 3.8 kg/cm ² for 10 minutes at 95 Piston stroke 30mm.	TEST RIG	10%	No. Leakage						
				No. Leakage						
3.	Maximum Piston Stroke	Scale		95mm						
4.	Slack Adjuster Stroke	Scale		31mm ± 01						

1% Brake Cylinders to be dismantled and dimensions and general workmanship of each component ask RDSO drawings available by manufacturer. Cross checks of few dimensions should be made.

S.NO.	SIZE SPECIFIED	ACTUAL	OK / NOT OK
1	203.2 + 0.10 / 0.00		
2	254 + 0.10 / - 0.00		
3	181 + 0.10		
4	202.7 + 0.12 / - 0.00		
5	232.0		

9. Hydraulic Testing of one cylinder body. OK / Not OK
10. **Painting :** Adequate Yes / No
 Anti Corrosive treatment to exterior given Yes / No
11. **Packing :** Packing Adequately Yes / No
12. **Calibration Status Checked** OK / Not O

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