



**QM-C-7.1/AB/0001/F**  
**Inspection Plan(Check Sheet)**

**Item:** Cut off Angle Cock  
**Specn. :** 02-ARB-02, Appendix-D  
**Amd.:** 3 of April 2010  
**Drg. No. & Alt.:** WD-88123-S-01 Alt.2

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1. Firm's Name :
2. Date (Period) of inspection :
3. Contract Details :
  - a) Contract No. and 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 :

RDSO Official  
Signature, name & stamp

QC Representative of the manufacturer



**7. Acceptance Criteria :**

Equipment Ready Yes / No  
D.P. within due date Yes / No

**7.1 Visual Check :**

Marking (manufacturers name, month & year of manufacturing) OK/Not OK  
Openings plugged with PVC Plugs / Caps Yes / No.  
Visual Defects Yes / No.

**7.2 Performance Tests & Dimensional Check :**

Air Pressure adequate Yes / No

**No.of Sets -**

Qty. \_\_\_\_\_

SL. NO.	TEST DESCRIPTION	MODE	SAMPLE SIZE	SPECIFIED PARAMETERS	OBSERVED VALUES					REMARKS
					1	2	3	4	5	
1.	<b><u>DIMENSIONAL CHECKS</u></b>	GAUGE & INSTRUMENTS	2% Min. 2	RP 1 ¼:						With Gauge
				19.2 ± 0.2						With Vernier
				44.3 ± 0.2						With Vernier
2.	<b><u>OPERATION TEST :</u></b> Check the operational test at 10 Kg/cm <sup>2</sup> for : Handle movement to open and close position a few times	TEST RIG	10%	Handle movement should be smooth						
3.	<b><u>LEAKAGE TEST:</u></b> Check the leakage at 10 Kg/cm <sup>2</sup> with soap water a. At outlet ports and joint with handles in closed position b. All over with handle in open position and outlet ports plugged.	TEST RIG	10%	No. Leakage						

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7.3 Dimensions of one angle cock as per detailed RDSO Drawings :

S.NO.	SIZE SPECIFIED	ACTUAL	OK / NOT OK
1	M10 threads		
2	6.2 ± 0.1		
3	M6 threads		
4	37.0 -0.2		
5	49.6 +0 / -0.2		
6	19.2 ± 0.2		
7	44.3 ± 0.2		
8	Ø 56 + 0.4 / - 0		
9	Ø 62 ± 0.2		
10	Ø 55.8 ± 0.1		
11	Ø 44.5 + 0.2/-0		

8. **Painting** : Adequate  
Anti Corrosive treatment to exteriors given Yes / No  
Yes / No
9. **Packing** : Packed adequately Yes / No
10. **Calibration Status Checked** OK / Not OK

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