



RAM-0004

Request for Approval of Material

Contract: 8078	FA Number: _____	SR: I-5	Date: 2/3/11
Section: I-5 Columbia River Bridge (WA 0.3 to OR MP 308)		County: WA AND OR states	
Contractor: AMERICAN CONSTRUCTION COMPANY, INC.		Subcontractor: _____	

This form shall be completed prior to submittal. If this form is not complete at time of submittal it may be returned for information that was omitted.
For assistance in completing, see Instructions and Example

For WSDOT Use Only
RAM # **4**

Bid Item No.	Material or Product/Type	Name and Location of Fabricator, Manufacturer or Pit Number	Specification Reference	PE/QPL Code	Hdqtr./QPL Code
2&3	Furnish manifold	TA-CHEN Industrial	SPECIAL PROVISIONS	78	
	for both CONFINED	5855 Ispo Avenue	page 98		
	AND UNCONFINED	Long Beach, CA 90805			
	BUBBLE CURTAINS				
	GATE VALVES				
2.08					
3.08					

Project Engineer: Nicki Peppers for Frank Green	Date: 2/3/11	State Materials Engineer: _____	Date: _____
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Acceptance Action Codes for use by Project Engineer and State Materials Laboratory

- Acceptance Criteria: Acceptance based upon 'Satisfactory' Test Report for samples of materials to be incorporated into project.
- Acceptance Criteria: Mfg. Cert. of Compliance for 'Acceptance' prior to use of material.
- Acceptance Criteria: Catalog Cuts for 'Acceptance' prior to use of material. Catalog Cut Approved Yes No
- Acceptance Criteria: Submit Shop Drawings for 'Approval' prior to fabrication of material.
- Acceptance Criteria: Only 'Approved for Shipment', 'WSDOT Inspected' or 'Fabrication Approved Decal' material shall be used.
- Acceptance Criteria: Submit Certificate of Materials Origin to Project Engineer Office.
- Acceptance Criteria: Request Transmitted to State Materials Laboratory for Approval Action.
- Source Approved:

9. Approval Withheld: Submit samples for preliminary evaluation.

10. Approval Withheld:

11. Miscellaneous Acceptance Criteria.

Remarks: **Approved per CM Section 9-1.1D**

cc: American Construction, Peppers

Project Engineer Distribution

- Contractor Region Materials
 Region Operations Engineer State Materials Lab
 Fabrication Inspection M/S 47365

State Materials Engineer Distribution

- General File Signing Inspection
 Other _____

TC-GB

200 WOG GLOBE VALVE, THREADED

CAT-0003

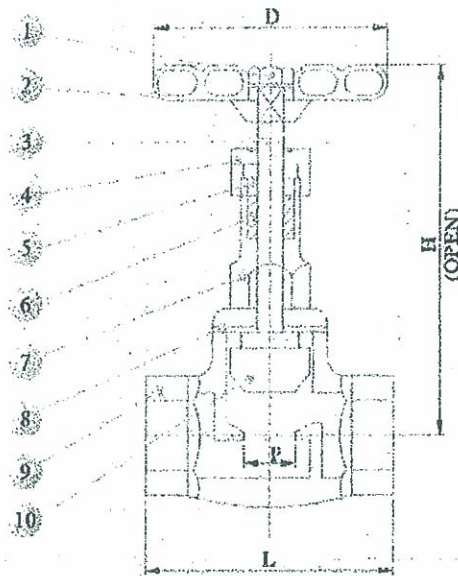


DESIGN FEATURES:

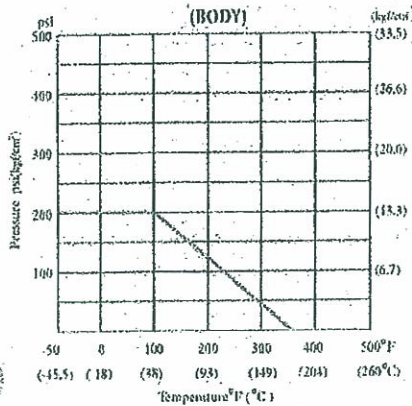
- Rising Stem And Wheel
- Body: ASTM A351 Gr.CF8M
- Disc: ASTM A351 Gr.CF8M
- Seat: SS 316
- Packing: PTFE
- Working Pressure: 200 psi
- TEST STANDARD: API 598
- End Connections: Threaded End
- Threaded Type:
ANSI B1.20.1 (NPT)
DIN 259/DIN 2999
ISO 228
BSP
PT

MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	NUT	SS304	1
2	HANDWHEEL	SS400	1
3	STEM	ASTM A276 Gr.316	1
4	GLAND NUT	ASTM A351 Gr.CF8M	1
5	GLAND	ASTM A351 Gr.CF8M	1
6	GLAND PACKING	PTFE	1
7	BONNET	ASTM A351 Gr.CF8M	1
8	GASKET	PTFE	1
9	BODY	ASTM A351 Gr.CF8M	1
10	DISC	ASTM A351 Gr.CF8M	1



PRESSURE TEMPERATURE RATINGS



DIMENSIONS

SIZE		D		L		H		P		Cv Factor	Weight	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm		Kg	Lb
1/4"	8	2.36	60.0	2.05	52.0	4.02	102	0.39	10	1.0	0.33	0.73
3/8"	10	2.36	60.0	2.05	52.0	4.02	102	0.47	12	1.5	0.31	0.68
1/2"	15	2.76	70.0	2.60	66.0	3.74	95	0.47	12	2.5	0.42	0.93
3/4"	20	2.76	70.0	2.70	68.5	3.90	99	0.59	15	5.6	0.46	1.01
1"	25	3.01	76.5	3.08	78.3	4.02	102	0.79	20	10.5	0.62	1.37
1 1/4"	32	4.07	103.5	3.39	86.0	4.96	126	0.98	25	17.0	1.05	2.31
1 1/2"	40	4.07	103.5	3.86	98.0	5.35	136	1.30	33	25.0	1.40	3.08
2"	50	4.76	121.0	4.35	110.5	6.14	156	1.57	40	46.0	2.10	4.63