

From: Schufreider, James
To: Peppers, Nicki
Subject: RE: C8078 CRC Test Piles - (RAMS 3-7) Bubble Curtain
Date: Friday, March 11, 2011 1:24:56 PM
Attachments: [Scan001.pdf](#)

From: Peppers, Nicki [mailto:peppersn@columbiarivercrossing.com]
Sent: Thursday, March 10, 2011 1:42 PM
To: Schufreider, James
Cc: Daly, Keith; Green, Frank
Subject: FW: C8078 CRC Test Piles - (RAMS 3-7) Bubble Curtain

James,

You previously assisted Frank Green in approving some RAM's (pressure gauge, gate valve, and ball valve), I attached RAM #6 – Flow Meter, and was hoping for your assistance again to see if the flow meter meets the specification.

Thank you in advance for all your help with this process.

Nicki

From: Green, Frank
Sent: Tuesday, March 01, 2011 8:49 AM
To: Daly, Keith
Cc: Degenhart, Mark; Nelson, Todd; Peppers, Nicki
Subject: FW: C8078 CRC Test Piles - (RAMS 3-7) Bubble Curtain

Keith,

All RAMs are approved.

Mark/Todd,

Can you help me with the question that James has? Let me know.

Thank you.

From: Schufreider, James [mailto:JSchufre@wsdot.wa.gov]
Sent: Monday, February 28, 2011 9:44 AM
To: Green, Frank
Subject: RE: C8078 CRC Test Piles - (RAMS 3-7) Bubble Curtain

These look fine.

Curiosity question – did anyone notice how warm the manifold or valves became when the maximum amount of air was flowing thru them? Nobody noticed? Warm to the touch? Steam

was formed when the rain landed on the metal parts?

From: Green, Frank [mailto:greenf@columbiarivercrossing.com]
Sent: Thursday, February 24, 2011 8:52 AM
To: Schufreider, James
Cc: Daly, Keith
Subject: FW: C8078 CRC Test Piles - (RAMS 3-7) Bubble Curtain
Importance: High

James,

You previously assisted me with approval of the valves and hoses/fittings but RAM-0003 is for the gauges and RAM-0006 is for the flowmeters. Can you provide me with your thoughts regarding those materials (do they meet the specification)?

Thank you for all your assistance throughout this process.

From: Beaver, Jesse [mailto:BeaverJ@wsdot.wa.gov]
Sent: Wednesday, February 23, 2011 4:53 PM
To: Green, Frank; Beaver, Jesse
Subject: C8078 CRC Test Piles - (RAMS 3-7) Bubble Curtain
Importance: High

Frank,

Please get feedback from your bubble curtain designer on these submissions.

Jesse L. Beaver, PE

State Construction Office
360.705.7825
360.791.2855 (cell)

From: Ablson, Maha
Sent: Friday, February 11, 2011 7:22 AM
To: Niemi, Mike
Cc: Molohon, Rob
Subject: 008078 RAMS#3-7 Bubble Curtain
Importance: High

Good morning Mike,
Submitted for your evaluation.
Thank you,

Maha Ablson

RAM Engineer
WSDOT, Materials Lab

Office: 360.709.5403
Fax: 360.709.5588
mahaab@wsdot.wa.gov

From: Peppers, Nicki [mailto:peppersn@columbiarivercrossing.com]
Sent: Thursday, February 03, 2011 1:37 PM
To: Ablson, Maha
Cc: Daly, Keith
Subject: RAMS 3-7

Please find attached RAM-0003, RAM-0004, RAM-0005, RAM-0006, RAM-0007

High Priority.

Thanks,
Nicki
360-816-2167

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Washington State
Department of Transportation

RAM-0006

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# **6**

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 FOR BOTH CONFINED AND UNCONFINED BUBBLE CURTAINS	RCM Industries, Inc. 110 Mason Circle Concord, CA 94520	SPECIAL PROVISIONS page 48	7	
2.11	FLOWMETERS	www.flo-gage.com			
3.11					

Project Engineer Staci 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:
- Approval Withheld: Submit samples for preliminary evaluation.
- Approval Withheld:
- Miscellaneous Acceptance Criteria.

Remarks:

APPROVED
James Schaefer
3-11-2010

cc: American Construction, Peppers

Project Engineer Distribution

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

State Materials Engineer Distribution

- General File
 Other
- Signing Inspection