



06 January 2015

Project No. 3415031
Task No.: T1293751/T1293752/ES

PBM, Inc.
1070 Sandy Hill Road
Irwin, PA 15642

Attention: Mr. Shawn Opfer

Subject: **Type Approval – Product Design Assessment – Revalidation and Revision**
Ball Valves
SP Series 1, 1/4" – 4"
AN Series 1, 1/2" – 10"
SP Series 5, 1/4" – 6"
Reference PDA # 03-HS356479/2-PDA
SP Series 6, 1/4" – 3", Fire Tested
AN Series 3, 1/2" – 6", Fire Tested
Reference PDA # 10-HS538799-PDA
Drawings and documentation as per the attached list

Gentlemen:

We have received your application for ABS Type Approval Revision to add sizes and Revalidation dated 21 November 2014 together with the enclosures listed above and are pleased to advise that we have completed the design assessment phase of the type approval process. We have also received your declaration stating that the materials in the requested assessment are free from Asbestos

The plans have been reviewed for compliance with the applicable requirements of the 2015 ABS Rules for Building and Classing Steel Vessels.

Enclosed is your original copy of the **Certificate of Design Assessment**. Please read the pages attached to the certificate to be sure that you understand the scope and conditions of the validity of the certificate. We recommend that you monitor the ABS Rules and other specifications used in the approval. These Rules and specifications often change on an annual basis, and you must comply with the new Rules and specifications in order for the product to be used on an ABS classed vessel or facility contracted under the new Rules or specifications.

Since the original certificate is multi-colored, we have no objections to unlimited black and white photocopies of the certificate being distributed. As you already know, your details are published on our web site and can also be downloaded there.

An invoice to cover the cost of the type approval revision will follow separately.




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If you should have any comments relative to the scope and conditions of the assessment of your product, or if we can be of any further assistance, please do not hesitate to contact us. We do appreciate your continued confidence in the services that ABS provides.

Very truly yours,

Dan Cronin
Vice President of Engineering
ABS Americas

By: 
Angel Moscoso
Managing Principal Engineer
Ship Engineering Department

cc.: ABS Erie – w/inv.



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ABS

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Drawing List

Engineering Office:	Houston SED Machinery - Piping & Electrical Sys.	
Submitter:	PBM, INC. (784844)	
Drawing No	Revision No	Drawing Title
SPB-H5Q-A--S	0	2 SPB-H5 Manual 2-Way Ball Valve with Female N.P.T. connections, RTFE Seats & Seals, Monel Ball, Sem
SPN1H1U8A--L	0	2 SPN-HI, 2 Way Ball Valve with Socket Weld for Pipe End Connections, 922 Bronz Body, 90/10 Cu/Ni En
ANB-H1L3V--K04	0	2 2-Way 836 Bronze Ball Valve with Non-Adjust -O-Seal Design, 150# F.F. Flange Connetions, RTFE Seat
Correspondence	-	Purchase Order 43539
SPC-A6DQ8---04	0	1/4 SPC-A6, 2-Way, API-607(4th Ed.) Ball Valve with Butt weld for Sch. 10 Pipe x F.N.P.T. Connection
ANH-M3L-A---08	0	6 ANH-M3, 2-Way, API-607 (4th Ed.) Ansi Ball Valve