



FV / AM / TK  
OPN: 3944086  
Ref. Task: T1650726

13 July 2017

**Type Approval Design Assessment (PDA) -  
Revision**

Product: 2-Way Ball Valves

Models: SP Series 1, SP Series 5, AN Series 1

Documents as per attached list

**PBM, INC. (784844)**  
1070 Sandy Hill Rd.  
Irwin, PA – 15642

Attention: Mr. Shawn Opfer <sopfer@pbmvalve.com>

We have received your application for Product Design Assessment (PDA) Revision dated 27 June 2017 together with the enclosures listed below. Having reviewed the enclosures in accordance with the following Standards/Codes;

1. 2015 ABS Rules for Building and Classing Steel Vessels
2. 2015 ABS Rules for Building and Classing Mobile Offshore Drilling Units

We are pleased to advise that we have completed the Product Design Assessment (PDA) Revision phase of the type approval process.

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, Guides and other specifications used in the approval. These Rules, Guides and specifications often change on an annual basis, and you must comply with the new Rules, Guides and specifications in order for the product to be used on an ABS classed vessel or facility contracted under the new Rules, Guides 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.

One (1) copy of the drawings appropriately stamped to indicate our review is being returned.

**AMERICAS DIVISION**

ABS PLAZA, 16855 NORTHCHASE DRIVE, HOUSTON, TX 77060 USA  
TEL: 1-281-877-6000 FAX: 1-281-877-6001 Email: abs-amer@eagle.org www.eagle.org



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Drawing List

<b>Engineering Office:</b>	Houston ESD - Piping	
<b>Submitter:</b>	PBM, INC. (784844)	
<b>Drawing No</b>	<b>Revision No</b>	<b>Drawing Title</b>
14-HS1293751-PDA (Confirmation of Product Type Approval)	-	Product Type Approval Certificate for 2-Way Ball Valves (SP Series 1, AN Series 1, SP Series 5)
RP-1601-1	-	USCG Category "A" Seat Leakage Calculations (AN Series 1)
Correspondence	-	Email 28-Jun-2017 SUBJ: PDA Revision of cert 14-HS1293751-PDA
14-HS1293751-PDA (ABS Application)	-	ABS Application Request Revision for 14-HS1293751-PDA

**AMERICAS DIVISION**