ASTEC INDUSTRIES INC Form SC 13G/A February 06, 2012

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 1 )\*

Astec Industries, Inc.

\_\_\_\_\_

(Name of Issuer)

Common Stock

\_\_\_\_\_

(Title of Class of Securities)

046224101

-----

(CUSIP Number)

December 31, 2011

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)
[\_] Rule 13d-1(c)
[\_] Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 17

CUSIP No. 0	46224101 13G	
1 NAME OF	REPORTING PERSON	
Artisan	Partners Holdings LP	
	E APPROPRIATE BOX IF A MEMBER OF A GROUP tructions)	(a) [_] (b) [_]
Not App	licable	
3 SEC USE	ONLY	
4 CITIZENS	HIP OR PLACE OF ORGANIZATION	
Delawar	e	
	5 SOLE VOTING POWER	
NUMBER OF		
	6 SHARED VOTING POWER	
OWNED BY EACH	1,269,381	
REPORTING PERSON	7 SOLE DISPOSITIVE POWER	
WITH	None	
	8 SHARED DISPOSITIVE POWER	
	1,327,481	
9 AGGREGAT	'E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	·
1,327,4	81	
	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE	
Not App	licable	
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
5.9%		
	REPORTING PERSON tructions)	
HC		

Page 2 of 17

1 NAME OF	REPORTING PERSON					
Artisar	Investment Corporation					
	LE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [_]					
Not App	licable					
3 SEC USE	ONLY					
4 CITIZENS	HIP OR PLACE OF ORGANIZATION					
Wiscons	in					
	5 SOLE VOTING POWER					
NUMBER OF	None					
	6 SHARED VOTING POWER					
OWNED BY EACH	1,269,381					
REPORTING PERSON	7 SOLE DISPOSITIVE POWER					
WITH	None					
	8 SHARED DISPOSITIVE POWER					
	1,327,481					
9 AGGREGAI	'E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
1,327,4	81					
	X IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES					
Not App	Not Applicable					
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
5.9%						
12 TYPE OF	REPORTING PERSON tructions)					
HC						
	$D_{1} = 0$					

Page 3 of 17

CUSIP No. 046224101

13G

	Artisan Pa	rtne	ers Limited Partnership	
2	CHECK THE A		OPRIATE BOX IF A MEMBER OF A GROUP ons)	[_]
	Not Applic	able		
3	SEC USE ONL	Y		 
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION	 
	Delaware			
		5	SOLE VOTING POWER	
	MBER OF		None	
BEN	SHARES EFICIALLY WNED BY	6	SHARED VOTING POWER	 
	EACH		1,269,381	
	PORTING	7	SOLE DISPOSITIVE POWER	 
	WITH		None	
		8	SHARED DISPOSITIVE POWER	 
			1,327,481	 
9	AGGREGATE AI	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,327,481			
10	(see Instru	cti		 [_]
	Not Applic	able 	3	 
11	PERCENT OF	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)	
	5.9%			 
12	TYPE OF REP (see Instru			
	IA			 
			Page 4 of 17	 

CUSIP No. 046224101

13G

1 NAME OF REPORTING PERSON

Artisan Investments GP LLC

	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a)		
Not Applic	cable		
3 SEC USE ONI	Υ		
4 CITIZENSHIE	P OR PLACE OF ORGANIZATION		
Delaware			
	5 SOLE VOTING POWER		
NUMBER OF SHARES	None		
BENEFICIALLY	6 SHARED VOTING POWER		
OWNED BY EACH	1,269,381		
REPORTING PERSON	7 SOLE DISPOSITIVE POWER		
WITH	None		
	8 SHARED DISPOSITIVE POWER		
	1,327,481		
9 AGGREGATE A	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
1,327,481			
10 CHECK BOX I (see Instru	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		[_]
Not Applic	cable		
11 PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
5.9%			
12 TYPE OF REE (see Instru	PORTING PERSON actions)		
HC			
	Page 5 of 17		
CUSIP No. 0462			
1 NAME OF REE	PORTING PERSON		
ZFIC, Inc.			
2 CHECK THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP		

	(see Instru	icti	ons)	(a) (b)	[_] [_]
	Not Applic	cabl	e		
3	SEC USE ONI	LY			
	CITIZENSHI	P OR	PLACE OF ORGANIZATION		
	Wisconsin				
		5	SOLE VOTING POWER		
	MBER OF		None		
BEN		6	SHARED VOTING POWER		
	WNED BY EACH		1,269,381		
	PORTING PERSON	7	SOLE DISPOSITIVE POWER		
	WITH		None		
		8	SHARED DISPOSITIVE POWER		
			1,327,481		
10	CHECK BOX I (see Instru Not Applic	lcti			[_]
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)		
	5.9%				
12	TYPE OF REE (see Instru				
	HC				
			Page 6 of 17		
CUS	IP No. 0462	2241	01 13G		
1	NAME OF REE	PORT	ING PERSON		
	Andrew A.	Zie	gler		
2	CHECK THE A (see Instru		OPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[_]

Not Applicable				
3 SEC USE ONL	Y			
4 CITIZENSHIP U.S.A.	OR PLACE OF ORGANIZATION			
	5 SOLE VOTING POWER			
NUMBER OF	None			
SHARES	6 SHARED VOTING POWER			
OWNED BY				
EACH REPORTING	1,269,381			
PERSON WITH	7 SOLE DISPOSITIVE POWER			
	None			
	8 SHARED DISPOSITIVE POWER			
	1,327,481			
9 AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
1,327,481				
10 CHECK BOX II (see Instru	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	[_]		
Not Applic	able			
11 PERCENT OF	11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
5.9%				
12 TYPE OF REPO (see Instrue	PORTING PERSON Nactions)			
IN				
	Page 7 of 17			
CUSIP No. 0462	24101 13G			
1 NAME OF REP	ORTING PERSON			
Carlene M.	Ziegler			
2 CHECK THE A (see Instru				
Not Applic	able			

3	SEC USE ONL	Y		
4	CITIZENSHIP	OR	PLACE OF ORGANIZATION	 
	U.S.A.			
		5	SOLE VOTING POWER	 
	MBER OF SHARES		None	 
BEN		6	SHARED VOTING POWER	
	EACH		1,269,381	
	PORTING PERSON WITH	7	SOLE DISPOSITIVE POWER	 
			None	 
		8	SHARED DISPOSITIVE POWER	
			1,327,481	
9	AGGREGATE AI	MOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	 
	1,327,481			
10	CHECK BOX II (see Instru		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	 [_]
	Not Applica	abl	e	
 11	PERCENT OF (	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)	 
	5.9%			
 12	TYPE OF REPO			 
	IN			
			Page 8 of 17	 
CUS	IP No. 04622	241	01 13G	
 1	NAME OF REP	ORT	ING PERSON	 
	Artisan Pa:	rtn	ers Funds, Inc.	
2	CHECK THE A (see Instru		OPRIATE BOX IF A MEMBER OF A GROUP ons)	[_] [_]
	Not Applica	abl	ê.	
3	SEC USE ONL	 Ү		 

4	CITIZENSHI	P OR PLACE OF ORGANIZATION
	Wisconsin	
		5 SOLE VOTING POWER
	MBER OF	None
BENI		6 SHARED VOTING POWER
	WNED BY EACH	876,181
	PORTING PERSON	7 SOLE DISPOSITIVE POWER
	WITH	None
		8 SHARED DISPOSITIVE POWER
		876,181
9	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	876,181	
10	CHECK BOX (see Instr	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES uctions) [_]
	Not Appli	cable
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)
	3.9%	
12	TYPE OF RE (see Instr	PORTING PERSON uctions)
	IC	
		Page 9 of 17
Iter	m 1(a) Nai	me of Issuer:
		Astec Industries, Inc.
Iter	m 1(b) Ad	dress of Issuer's Principal Executive Offices:
		1725 Shepherd Road, Chattanooga, TN 37421
Iter	m 2(a) Nai	me of Person Filing:

Artisan Partners Holdings LP ("Artisan Holdings")
Artisan Investment Corporation, the general partner of
Artisan Holdings ("Artisan Corp.")
Artisan Partners Limited Partnership ("Artisan Partners")
Artisan Investments GP LLC, the general partner of
Artisan Partners ("Artisan Investments")

ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC") Andrew A. Ziegler Carlene M. Ziegler Artisan Partners Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC, Mr. Ziegler, Ms. Ziegler and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Artisan Partners is a Delaware limited partnership Artisan Investments is a Delaware limited liability company ZFIC is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

046224101

Item 3 Type of Person:

(d) Artisan Funds is an Investment Company under section 8 of the Investment Company Act.

(e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

Page 10 of 17

Item 4 Ownership (at December 31, 2011):

- (a) Amount owned "beneficially" within the meaning of rule 13d-3:1,327,481
- (b) Percent of class:

5.9% (based on 22,688,979 shares outstanding as of October 24, 2011)

(c) Number of shares as to which such person has:

- (i) sole power to vote or to direct the vote:
- (ii) shared power to vote or to direct the vote:
   1,269,381
- (iii) sole power to dispose or to direct the disposition of:
- (iv) shared power to dispose or to direct the disposition
   of:

1,327,481

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners; as reported herein, Artisan Partners holds 1,327,481 shares, including 876,181 shares on behalf of Artisan Funds. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Page 11 of 17

### Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and

correct.

Date: February 6, 2012

for i	CAN INVESTMENT CORPORATION, tself and as the general partner of CAN PARTNERS HOLDINGS LP				
By:	Sarah A. Johnson*				
for i	GAN INVESTMENTS GP LLC, tself and as the general partner of GAN PARTNERS LIMITED PARTNERSHIP				
By:	Sarah A. Johnson*				
ZFIC,	INC.				
By:	Sarah A. Johnson*				
ANDRE	W A. ZIEGLER				
Andre	w A. Ziegler*				
CARLENE M. ZIEGLER					
Carlene M. Ziegler*					
ARTISA	IN PARTNERS FUNDS, INC.				
Ву:	Sarah A. Johnson*				
*By:	/s/ Sarah A. Johnson				
	Sarah A. Johnson Vice President of Artisan Investment Corporation Vice President of Artisan Investments GP LLC Attorney-in-Fact for ZFIC, Inc. Attorney-in-Fact for Andrew A. Ziegler Attorney-in-Fact for Carlene M. Ziegler General Counsel and Secretary of Artisan Partners Funds, Inc.				

Page 12 of 17

### Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 6, 2012 by and among Artisan Partners Holdings LP, Artisan Investment Corporation, Artisan Partners Limited Partnership, Artisan Investments GP LLC,

ZFIC, Inc., Andrew A. Ziegler, Carlene M. Ziegler and Artisan Partners Funds, Inc.

- Exhibit 2 Power of Attorney of ZFIC, Inc., dated March 19, 2007
- Exhibit 3 Power of Attorney of Andrew A. Ziegler dated March 19, 2007

Exhibit 4 Power of Attorney of Carlene M. Ziegler dated March 19, 2007

Page 13 of 17

EXHIBIT 1

### JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule 13G to which this Agreement is attached.

Dated: February 6, 2012

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Sarah A. Johnson\*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Sarah A. Johnson\*

ZFIC, INC.

By: Sarah A. Johnson\*

\_\_\_\_\_

ANDREW A. ZIEGLER

\_\_\_\_\_

Andrew A. Ziegler\*

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

ARTISAN PARTNERS FUNDS, INC.

By: Sarah A. Johnson\*

\_\_\_\_\_

Investments GP LLC Attorney-in-Fact for ZFIC, Inc. Attorney-in-Fact for Andrew A. Ziegler Attorney-in-Fact for Carlene M. Ziegler General Counsel and Secretary of Artisan Partners Funds, Inc.

Page 14 of 17

EXHIBIT 2

#### POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

By: /s/ Andrew A. Ziegler

\_\_\_\_\_

Andrew A. Ziegler Vice President

STATE OF WISCONSIN ) ) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston ------Notary Public Page 15 of 17

EXHIBIT 3

#### POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Andrew A. Ziegler -------Andrew A. Ziegler

STATE OF WISCONSIN ) ) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston

Notary Public

Page 16 of 17

EXHIBIT 4

#### POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true

and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

/s/ Carlene M. Ziegler Carlene M. Ziegler

STATE OF WISCONSIN ) ) SS. COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston

Notary Public

Page 17 of 17