FEDERAL SIGNAL CORP /DE/ Form SC 13G/A January 30, 2013

CUSIP NO. 313855108

13G

Page 1 of 8

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 7) *

FEDERAL SIGNAL CORPORATION

(Name of Issuer)

Common Stock, par value \$1.00 per share

(Title of Class of Securities)

313855108

(CUSIP Number)

December 31, 2012

(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 $\mbox{\it Act}$ (however, see the $\mbox{\it Notes}$).

| CUSIP 2 of | | 3138551 | 08 | | | | 13 | G | | |
|---------------|-------|---------|-----------|-------|--------|--------|------|----------|--------|-------|
| 1. | NAMES | OF REP | ORTING PE | ERSON | S. | | | | | |
| | Frank | lin Mut | ual Advis | sers, | LLC | | | | | |
| 2. | CHECK | THE AP | PROPRIATE | BOX | IF A | MEMBE | R OF | A GROUP | | |
| | (a) | | | | | | | | | |
| | (b) X | | | | | | | | | |
| 3. | SEC U | SE ONLY | | | | | | | | |
| 4. | CITIZ | ENSHIP | OR PLACE | OF O | RGANIZ | ZATION | | | | |
| | Delaw | are | | | | | | | | |
| NUMBE | ER OF | SHARES | BENEFICIA | ALLY | OWNED | BY EA | CH R | EPORTING | PERSON | WITH: |

5. SOLE VOTING POWER

| | | (See Item 4) |
|-----|---------------|---|
| | 6. | SHARED VOTING POWER |
| | | (See Item 4) |
| | 7. | SOLE DISPOSITIVE POWER |
| | | (See Item 4) |
| | 8. | SHARED DISPOSITIVE POWER |
| | | (See Item 4) |
| 9. | AGGRE | GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON |
| | 4 , 73 | 8 , 979 |
| 10. | CHECK | (IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES |
| | CERTA | AIN SHARES [] |
| 11. | PERCE | ENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) |
| | 7.6% | |

12. TYPE OF REPORTING PERSON

IA, OO (See Item 4)

| CUSIP 3 of | NO. 313855108 8 | 13G |
|---------------|---|------------------------|
| Item | 1. | |
| (a) | Name of Issuer | |
| | FEDERAL SIGNAL CORPORATION | |
| (b) | Address of Issuer's Principal Executi | ve Offices |
| | 1415 West 22nd Street Oak Brook, IL 60523 | |
| | Oak Blook, 1L 60323 | |
| Item | 2. | |
| (a) | Name of Person Filing | |
| | Franklin Mutual Advisers, LLC | |
| (b) | Address of Principal Business Office | or, if none, Residence |

| | 101 John F. Kennedy Parkway |
|-----|--|
| | Short Hills, NJ 07078 2789 |
| (c) | Citizenship |
| | Delaware |
| (d) | Title of Class of Securities |
| | Common Stock, par value \$1.00 per share |
| (e) | CUSIP Number |
| | 313855108 |
| | |
| | |

| CUSIP NO Page 4 of 8 | . 31385 | 5108 | 13G |
|-------------------------|---------|--|--------------------------------|
| 240.13d 2(b) | or (c), | statement is filed pursuant ether the person filing is | |
| (15 U.S.C. 8 | | Broker or dealer registere | d under section 15 of the Act |
| 78c). | (b) [] | Bank as defined in section | 3(a)(6) of the Act (15 U.S.C. |
| Act (15 U.S. | | <pre>Insurance company as defin 78c).</pre> | ed in section 3(a)(19) of the |
| Investment C | | Investment company registe Act of 1940 (15 U.S.C 80a | |
| §240.13d 1(b | | An investment adviser in a (E); | ccordance with |
| with | (f) [] | An employee benefit plan o | r endowment fund in accordance |

\$240.13d 1(b)(1)(ii)(F);

| with | (g) [] | A parent holding company or control person in accordance | | | | | |
|---------------|--|--|--|--|--|--|--|
| | | \$240.13d 1(b)(1)(ii)(G); | | | | | |
| Federal | (h) [] | A savings associations as defined in Section 3(b) of the | | | | | |
| | | Deposit Insurance Act (12 U.S.C. 1813); | | | | | |
| investment | (i) [] | A church plan that is excluded from the definition of an | | | | | |
| Act of 1940 | | company under section 3(c)(14) of the Investment Company | | | | | |
| | | (15 U.S.C. 80a 3); | | | | | |
| §240.13d 1(b | _ | A non U.S. institution in accordance with; | | | | | |
| | (k) [] | Group, in accordance with §240.13d 1(b)(1)(ii)(K). | | | | | |
| \$240.13d 1(b | If filing as a non U.S. institution in accordance with o)(1)(ii)(J), | | | | | | |
| | please s | pecify the type of institution | | | | | |
| | | | | | | | |

Item 4. Ownership

The securities reported herein are beneficially owned by one or more open end investment

companies or other managed accounts that are investment management clients of Franklin

Mutual Advisers, LLC ("FMA"), an indirect wholly owned subsidiary of Franklin Resources,

Inc. ("FRI"). When an investment management contract (including a sub advisory

agreement) delegates to FMA investment discretion or voting power over the securities

held in the investment advisory accounts that are subject to that agreement, FRI treats

 ${\tt FMA}$ as having sole investment discretion or voting authority, as the case may be, unless

the agreement specifies otherwise. Accordingly, FMA reports on Schedule 13G that it has

sole investment discretion and voting authority over the securities covered by any such

investment management agreement, unless otherwise noted in this Item 4. As a result for

purposes of Rule 13d 3 under the Act , FMA may be deemed to be the beneficial owner of

the securities reported in this Schedule 13G.

Beneficial ownership by investment management subsidiaries and other affiliates of FRI

is being reported in conformity with the guidelines articulated by the SEC staff in

Release No. 34 39538 (January 12, 1998) relating to organizations, such as FRI, where

related entities exercise voting and investment powers over the securities being

reported independently from each other. The voting and investment powers held by FMA are $\,$

exercised independently from FRI (FMA's parent holding company) and from all other $\,$

investment management subsidiaries of FRI (FRI, its affiliates and investment management

subsidiaries other than FMA are, collectively, "FRI affiliates"). Furthermore, internal

policies and procedures of FMA and FRI establish informational barriers that prevent the $\,$

flow between FMA and the FRI affiliates of information that relates to the voting and

investment powers over the securities owned by their respective investment management

clients. Consequently, ${\sf FMA}$ and the ${\sf FRI}$ affiliates report the securities over which they

hold investment and voting power separately from each other for purposes of Section 13

of the Act.

CUSIP NO. 313855108 13G Page 5 of 8

Charles B. Johnson and Rupert H. Johnson, Jr. (the "Principal Shareholders") each own in

excess of 10% of the outstanding common stock of FRI and are the principal stockholders

of FRI. However, because FMA exercises voting and investment powers on behalf of its

investment management clients independently of FRI, beneficial ownership of the

securities reported by FMA is not attributed to the Principal Shareholders. ${\tt FMA}$

disclaims any pecuniary interest in any of the securities reported in this Schedule 13G.

In addition, the filing of this Schedule $13\mathrm{G}$ on behalf of FMA should not be construed as

an admission that it is, and it disclaims that it is, the beneficial owner, as defined

in Rule 13d 3, of any of such securities.

Furthermore, FMA believes that it is not a "group" with FRI, the Principal

Shareholders, or their respective affiliates within the meaning of Rule $13d\ 5$ under the

Act and that none of them is otherwise required to attribute to any other the

beneficial ownership of the securities held by such person or by any persons or $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right)$

entities for whom or for which FMA or the FRI affiliates provide investment management $% \left(1\right) =\left(1\right) +\left(1\right) +\left($

services.

- (a) Amount beneficially owned:
 - 4,738,979
- (b) Percent of class:
 - 7.6%
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

Franklin Mutual Advisers,

LLC:

4,738,979

- (ii) Shared power to vote or to direct the vote
 - 0
- (iii) Sole power to dispose or to direct the disposition of

Franklin Mutual Advisers,
4,738,979

LLC:

(iv) Shared power to dispose or to direct the disposition of

0

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

If this statement is being filed to report the fact that as of the date hereof

 $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) +\left(1\right) \left(1\right) +\left(1\right) \left(1\right) +\left(1\right) +\left(1\right) \left(1\right) +\left(1\right) +\left($

percent of the class of securities, check the following [].

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

The clients of Franklin Mutual Advisers, LLC, including investment companies

registered under the Investment Company Act of 1940 and other managed accounts,

have the right to receive or power to direct the receipt of dividends from, and

the proceeds from the sale of, the securities reported herein.

Mutual Shares Fund, a series of Franklin Mutual Series Funds, an investment company registered under the Investment Company Act of 1940, has an interest in 3,360,800 shares, or 5.4%, of the class

of securities reported herein.

| Page | | | | • | 313855108 | | 13G | | | |
|------|-----|----|----|-----|--------------|--------------------|------------|--------------|-------|----------|
| the | It€ | ∋m | 7. | ΙĊ | lentificatio | n and Classificat | ion of th | e Subsidiary | Which | Acquired |
| | | | | Sed | curity Being | g Reported on By t | the Parent | Holding Com | npany | |
| | | | | Not | E Applicable | <u> </u> | | | | |
| | It€ | em | 8. | ΙĊ | lentificatio | n and Classificat | ion of Me | mbers of the | Group | |
| | | | | Not | . Applicable | 2 | | | | |
| | Ite | em | 9. | Nc | tice of Dis | solution of Group | | | | |
| | | | | Not | . Applicable | 3 | | | | |
| | | | | | | | | | | |

CUSIP NO. 313855108 13G Page 7 of 8 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. Exhibits: Exhibit A Joint Filing Agreement 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.

Dated: January 18, 2013

Franklin Mutual Advisers, LLC

Franklin Mutual Series Funds on behalf of

Mutual Shares Fund

By: /s/STEVEN J. GRAY

Steven J. Gray

Assistant Secretary of Franklin Mutual Advisers, LLC

Vice President and Secretary of Franklin Mutual Series Funds

CUSIP NO. 313855108 13G Page 8 of 8

EXHIBIT A

JOINT FILING AGREEMENT

In accordance with Rule 13d 1(k) under the Securities Exchange Act of 1934, as amended,

the undersigned hereby agree to the joint filing with each other of the attached

statement on Schedule 13G and to all amendments to such statement and that such

statement and all amendments to such statement are made on behalf of each of them.

IN WITNESS WHEREOF, the undersigned have executed this agreement on January 18, 2013.

Franklin Mutual Advisers, LLC

Franklin Mutual Series Funds on behalf of

Mutual Shares Fund

By: /s/STEVEN J. GRAY

Steven J. Gray

Assistant Secretary of Franklin Mutual Advisers, LLC

Vice President and Secretary of Franklin Mutual Series Funds