

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 11-K

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2015

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from

Commission file number: 1-36313

**TIMKENSTEEL CORPORATION SAVINGS PLAN FOR
CERTAIN BARGAINING EMPLOYEES**

(Full title of the Plan)

TIMKENSTEEL CORPORATION

1835 Dueber Avenue SW, Canton, OH 44706

(Name of issuer of the securities held pursuant to the Plan and address of its principal executive office)

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees**

**Unaudited Financial Statements
December 31, 2015 and 2014 , and Year Ended December 31, 2015**

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**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees**
**Statements of Net Assets Available for Benefits
(Unaudited)**

	December 31,	
	2015	2014
Assets:		
Investments, at fair value:		
Interest in The Master Trust Agreement for TimkenSteel Corporation Defined Contribution Plans	\$ 1,484,332	\$ 1,617,204
Receivables:		
Contributions receivable from participants	—	245
Contributions receivable from TimkenSteel Corporation	—	193
Participant notes receivable	5,871	—
Total receivables	5,871	438
Net assets available for benefits	\$ 1,490,203	\$ 1,617,642

See accompanying Notes to the Financial Statements.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees**

**Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2015
(Unaudited)**

Additions:		
Interest income from participant notes receivable	\$	160
Contributions:		
Participants		10,529
TimkenSteel Corporation		7,636
Total contributions		18,165
Total additions		18,325
Deductions:		
Investment loss:		
Net investment loss from The Master Trust Agreement for TimkenSteel Corporation Defined Contribution Plans		78,182
Benefits paid directly to participants		67,444
Administrative expenses		138
Total deductions		145,764
Net decrease		(127,439)
Net assets available for benefits:		
Beginning of year		1,617,642
End of year	\$	1,490,203

See accompanying Notes to the Financial Statements.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements
December 31, 2015 and 2014 , and Year Ended December 31, 2015**

1. Description of the Plan

The following description of TimkenSteel Corporation Savings Plan for Certain Bargaining Employees (the Plan) provides only general information. Participants should refer to the Summary Plan Description for a more complete description of the Plan's provisions. The Plan was established effective June 30, 2014 in connection with the spinoff (spinoff) of TimkenSteel Corporation (the Company) from The Timken Company (Timken). In the spinoff, Timken transferred certain assets and liabilities relating to TimkenSteel Corporation employees and retirees to the Plan.

General

The Plan is a defined contribution plan, which covers full-time hourly employees of the Company who are members of the Workers Union Local 10. Employees of the Company become eligible to participate in the Plan on the first of the month after one full calendar month of full-time employment or following completion of one year of service and 1,000 hours. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Plan Merger

Effective June 30, 2014, the Company amended and restated the Plan in its entirety to reflect the merger of the TimkenSteel Corporation Latrobe Voluntary Investment Program. The assets and liabilities of the Voluntary Investment Program for Hourly Employees of Latrobe Steel Company were transferred to and merged into the Plan.

Contributions

Under the provisions of the Plan, participants may elect to contribute between 1% and 75% of their eligible earnings on a pretax basis directly to the Plan subject to Internal Revenue Service (IRS) limitations. Participants are also able to contribute amounts representing distributions from other qualified defined benefit or 401(k) defined contribution plans, except Roth rollovers. The Company matches participant contributions (Company Matching Contributions) at an amount equal to 100% on the first 3% of the participant's eligible earnings.

Upon enrollment, a participant may elect to direct his or her contribution in 1% increments to any of the Plan's investment options. Participants have access to their account information and the ability to make changes on a daily basis, subject to the next available payroll for contribution change election, through an automated telecommunications system. Account information and certain changes may also be made through the Internet.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) the Company's contributions and (b) Plan earnings, and is charged an allocation of administrative expenses. Plan earnings are allocated based on the participant's share of net earnings or losses of their respective elected investment options. Allocations of administrative expenses are based on participant's account balance (as defined in the Plan). Forfeited balances of terminated participants' nonvested accounts are used to reduce future Company Matching Contributions. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their contributions, rollover contributions, and Company Matching Contributions, plus actual earnings thereon.

Participant Notes Receivable

Participants may borrow from their vested interest in their total account a minimum of \$1,000 up to a maximum equal to the lesser of (1) \$50,000 minus the excess of the highest outstanding loan balance during the past 12 months or (2) 50% of their total vested account balance. Loan terms generally cannot exceed five years for general purpose loans and thirty years for residential loans.

The loans are secured by the balance in the participant's vested account and bear interest at an interest rate of 1% in excess of the prime rate, as published in the *Wall Street Journal* on the first business day of the month in which the loan is granted. Principal and interest are paid ratably through payroll deductions or direct payments from participants.

Payment of Benefits

Upon termination of service with the Company, participants having a vested account balance greater than \$5,000 have the option of (i) transferring their account balance to another qualified plan, (ii) receiving a lump-sum amount equal to the vested balance of their account, or (iii) leaving their vested account balance in the Plan. Participants with balances between \$1,000 and \$5,000 may elect to receive a distribution or roll over their vested balances to another qualified plan or Individual Retirement Account. Participants having a vested account balance less than \$1,000 receive a lump-sum amount equal to their vested account balance. Participants electing to leave their vested assets in the Plan may do so until age 70 ½ after which time the lump-sum or installment distribution options would apply.

Hardship withdrawals are allowed for participants incurring an immediate and severe financial need, as defined by the Plan. Hardship withdrawals are strictly regulated by the IRS and a participant must exhaust all available loan options and distributions prior to requesting a hardship withdrawal.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

Forfeitures

Under the provisions of the Plan, when forfeitures occur, it shall be applied to pay Plan fees and expenses, to make special contribution for restoration of prior forfeitures, and reduce future Company contributions. There were no forfeitures balances as of December 31, 2015 or 2014.

Plan Transfers

Certain participants who change job positions within the Company and, as a result, are covered under a different defined contribution plan offered by the Company, may be eligible to transfer account balances between plans. Transfers between the Plan are subject to approval by the Plan Administrator.

Plan Termination

Although it has not expressed any interest to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, the Plan's trustee, Great-West Trust Company, LLC (Trustee), shall distribute to each participant the balance in their separate account, which becomes fully vested at the date of Plan termination.

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plan have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Reclassifications

Certain items reported in the prior year financial statements have been reclassified to conform with current year presentation.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and accompanying notes. Actual results could differ from those estimates.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value and are invested in The Master Trust Agreement for the Company's Defined Contribution Plans (Master Trust), which was established for the investment of assets of the Plan and the two other defined contribution plans sponsored by the Company.

The Plan's Trustee maintains a collective investment trust of common shares of TimkenSteel Corporation in which the Company's defined contribution plans participate on a unit basis. Common shares of TimkenSteel Corporation are traded on a national securities exchange and participation units in TimkenSteel Corporation ESOP Stock Fund are valued at the last reported sales price on the last business day of the Plan year.

Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded when received.

Participant Notes Receivable

Participant notes receivable represents participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on participants' notes receivable is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2015 or 2014. Delinquent participant loans are reclassified as distributions based upon the terms of the Plan.

New Accounting Pronouncements

In May 2015, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2015-07, *Fair Value Measurement (Topic 820): Disclosures for Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent)*. The amendments in this update remove the requirement to categorize within the fair value hierarchy all investments for which fair value is measured using the net asset value per share practical expedient. However, sufficient information must be provided to permit reconciliation of the fair value of assets categorized within the fair value hierarchy to the amounts presented in the financial statements. The amendments also remove the requirement to make certain disclosures for all investments that are eligible to be measured at fair value using the net asset value per share practical expedient. The amendments in this update are effective for public business entities for fiscal years beginning after December 15, 2015. For all other entities, the amendments in this update are effective for fiscal years beginning after December 15, 2016. Early adoption is permitted. Upon adoption, the amendments shall be applied retrospectively to all periods presented. The Plan adopted this update for the 2015 Plan year, and it was retrospectively applied to the 2014 Plan year. Prior year disclosures have been revised to reflect the retrospective application of this update. The impact of adopting this update is reflected in Note 4.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

In July 2015, the FASB issued ASU No. 2015-12, *(Part I) Fully Benefit-Responsive Investment Contracts, (Part II) Plan Investment Disclosures, (Part III) Measurement Date Practical Expedient - consensus of the Emerging Issues Task Force*. The amendments in this update (I) require a pension plan to use contract value as the only measure for fully benefit-responsive investment contracts, (II) simplify and increase the effectiveness of the investment disclosure requirements for employee benefit plans, and (III) provide benefit plans with a measurement-date practical expedient similar to the practical expedient provided to employers in ASU 2015-04, *Practical Expedient for the Measurement Date of an Employer's Defined Benefit Obligation and Plan Assets*. The amendments in this update are effective for fiscal years beginning after December 15, 2015. Early adoption is permitted. Upon adoption, the amendments in Part I and Part II shall be applied retrospectively to all periods presented, while the amendments in Part III shall be applied prospectively. The Plan has adopted Parts I and II of this update for the 2015 Plan year, and they were retrospectively applied to the 2014 Plan year. Prior year disclosures have been revised to reflect the retrospective application of this update.

Evaluation of Subsequent Events

The Plan has evaluated the impact of events that have occurred subsequent to December 31, 2015, through the date the financial statements were available to be issued, for possible recognition or disclosure in those financial statements. Based on this evaluation, other than as recorded or disclosed within the financial statements and related notes, the Plan has determined that there were no events that were required to be recognized or disclosed.

3. Investments

The Plan's assets are held in the Master Trust, commingled with assets of other Company-sponsored benefit plans.

Each participating plan's interest in the investment funds (i.e., separate accounts) of the Master Trust is based on account balances of the participants and their elected investment funds. The Master Trust assets are allocated among the participating plans by assigning to each plan those transactions (primarily contributions, benefit payments, and plan-specific expenses) that can be specifically identified and by allocating among all plans, in proportion to the fair value of the assets assigned to each plan, income and expenses resulting from the collective investment of the assets of the Master Trust. The Plan's ownership percentage in the Master Trust as of December 31, 2015 and 2014 was 0.42% and 0.38%, respectively.

The following table presents the fair values of investments in the Master Trust as of December 31, 2015 and 2014:

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

	2015	2014
Investments, at Fair Value:		
Company Stock	\$ 47,226,354	\$ 85,509,180
Registered Investment Companies	147,525,992	128,935,100
Common Collective Trust Funds	162,544,656	206,060,073
Net Assets of Master Trust	\$ 357,297,002	\$ 420,504,353

The net investment loss of the Master Trust for the year ended December 31, 2015, is summarized as follows:

Net depreciation in fair value of investments	\$	(52,691,064)
Interest and dividend income		6,895,141
Investment loss before expenses		(45,795,923)
Investment manager and administrative expenses		(155,914)
Total	\$	(45,951,837)

4. Fair Value Measurements

The fair value framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1) and the lowest priority to unobservable inputs (level 3). The three levels of the fair value hierarchy under FASB Accounting Standards Codification (ASC) 820, Fair Value Measurements and Disclosures, are described as follows:

Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 – Inputs to the valuation methodology include:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability .

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

The following tables set forth by level, within the fair value hierarchy, the Master Trust's assets at fair value on a recurring basis as of December 31, 2015 and 2014 :

	Assets at Fair Value as of December 31, 2015			
	Total	Level 1	Level 2	Level 3
Assets:				
Company Stock	\$ 47,226,354	\$ 47,226,354	\$ —	\$ —
Registered Investment Companies	147,525,992	147,525,992	—	—
Total assets in the fair value hierarchy	194,752,346	194,752,346	—	—
Investments measured at net asset value (a)	162,544,656	—	—	—
Total Assets of Master Trust	\$ 357,297,002	\$ 194,752,346	\$ —	\$ —

	Assets at Fair Value as of December 31, 2014			
	Total	Level 1	Level 2	Level 3
Assets:				
Company Stock	\$ 85,509,180	\$ 85,509,180	\$ —	\$ —
Registered Investment Companies	128,935,100	128,935,100	—	—
Total assets in the fair value hierarchy	214,444,280	214,444,280	—	—
Investments measured at net asset value (a)	206,060,073	—	—	—
Total Assets of Master Trust	\$ 420,504,353	\$ 214,444,280	\$ —	\$ —

(a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

Following is a description of the valuation methodologies used for assets measured at fair value.

Company stock is valued at the closing price reported in the active market in which the individual security is traded. There are no redemption requirements on these investments.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

Registered investment companies are valued at the daily closing price as reported by the fund. The funds held by the Plan are open-ended funds that are registered with the SEC. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The funds held by the Plan are deemed to be actively traded.

Common Collective Trust Funds are valued based on the NAV of units of the common collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimating fair value. The NAV is based upon the fair value of the underlying investments comprising the trust less its liabilities. The practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment adviser reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

The following tables summarize investments measured at fair value based on net asset value (NAVs) per share as of December 31, 2015 and 2014 :

December 31, 2015	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
JPMorgan Core Bond Fund	\$ 33,608,073	Not applicable	Daily	Trade Day + 1 Day
JPMCB Equity Index - CF	\$ 69,950,895	Not applicable	Daily	Trade Day + 1 Day
SSgA Russell Small Cap Index NL-A	\$ 16,175,881	Not applicable	Daily	Trade Day
Wells Fargo Stable Value Funds E & W	\$ 42,809,807	Not applicable	Daily	Trade Day
Total	\$ 162,544,656			

December 31, 2014	Fair Value	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
JPMorgan Core Bond Funds I & II	\$ 34,224,514	Not applicable	Daily	Trade Day + 1 Day
JPMCB Equity Index - CF	\$ 75,366,540	Not applicable	Daily	Trade Day + 1 Day
Winslow Large Cap Growth - I	\$ 27,358,218	Not applicable	Daily	Trade Day
SSgA Russell Small Cap Index NL-A	\$ 19,489,752	Not applicable	Daily	Trade Day
Wells Fargo Stable Value Funds E & G	\$ 49,621,049	Not applicable	Daily	Trade Day
Total	\$ 206,060,073			

Investments held by the Master Trust as of both December 31, 2015 and 2014 included the following:

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

The JPMorgan Core Bond Funds include investments that seek to maximize total return by investing primarily in a diversified portfolio of intermediate and long-term debt securities. The fair value of the investments in these funds has been determined using the net asset value per share.

The JPMCB Equity Index - CF includes investments that provide exposure to a broad equity market and are designed to mirror the aggregate price and dividend performance of the S&P 500 Index. The fair value of the investments in this fund has been determined using the net asset value per share.

The SSgA Russell Small Cap Index NL-A includes investments seeking an investment return that approximates as closely as practicable, before expenses, the performance of the Russell 2000 Index over the long term. The fund includes exposure to stocks of small U.S. companies. The fair value of the investments in this fund has been determined using the net asset value per share.

The Wells Fargo Stable Value Funds are collective investment funds that actively manage a diversified portfolio of investment contracts, and the associated portfolio of underlying assets. An investment by a plan in these funds results in the issuance of a given number of participation interests(Units) in the fund for the Plan's account. The fund's Unit value equals the total value of each asset held by the fund, less any liabilities, divided by the total number of units outstanding on the valuation date. The purchase price and redemption price is determined at the close of each day.

Investments held by the Master Trust as of December 31, 2014 also included the following:

The Winslow Large Cap Growth - I is a portfolio that invests at least 80% of its net assets in equity securities of U.S. companies with market capitalization in excess of \$4 billion at the time of purchase. The fair value of the investments in this fund has been determined using the net asset value per share on the active market on which the individual securities are traded.

5. Related-Party Transactions

Related-party transactions include investments in common stock of the Company, investments in common stock of The Timken Company, and the investment funds of the Trustee. Transactions involving these investments are allowable party-in-interest transactions under ERISA.

The following is a summary of transactions in TimkenSteel Corporation and The Timken Company common shares with the Master Trust for the year ended December 31, 2015 :

Purchased	\$	6,288,525
Issued to participants for payment of benefits	\$	3,685,563

Purchases and benefits paid to participants include TimkenSteel Corporation common shares valued at quoted market prices at the date of purchase or distribution.

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

Certain legal and accounting fees and certain administrative expenses relating to the maintenance of participant records are paid by The Company. Fees paid during the year for services rendered were based on customary and reasonable rates for such services.

6. Income Tax Status

The IRS has determined and informed the Plan Administrator, by a letter dated May 31, 2016, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). The Plan Administrator and the Plan's legal counsel believe that the Plan is designed, and is currently being operated in compliance with the applicable requirements of the IRC and therefore, believe that the Plan is qualified, and the related trust is tax-exempt.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability or asset if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that, as of December 31, 2015, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions.

7. Risks and Uncertainties

The Master Trust invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

8. Reconciliation of Financial Statements to Forms 5500

The following is a reconciliation of net assets available for benefits per the financial statement at December 31, 2015 and 2014 to the Forms 5500:

	December 31,	
	2015	2014
Net assets available for benefits per the financial statement	\$ 1,490,203	\$ 1,617,642
Adjustments from contract value to fair value for fully benefit-responsive investment contracts	874	2,700
Net assets available for benefits per Forms 5500	\$ 1,491,077	\$ 1,620,342

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees
Notes to Financial Statements (continued)**

The fully benefit-responsive investment contracts have been adjusted from fair value to contract value for purposes of the financial statements. For purposes of the Form 5500, the investment contracts will continue to be stated at fair value.

The following is a reconciliation of the net decrease in net assets per the financial statements to the Form 5500 for the year ended December 31, 2015:

Net decrease in net assets available for benefits as presented in these financial statements	\$	(127,439)
Adjustment from contract value to fair value for fully benefit-responsive investment contracts at December 31, 2015		(1,826)
Net decrease in net assets available for benefits as presented in Form 5500	\$	(129,265)

**TimkenSteel Corporation Savings Plan
for Certain Bargaining Employees**

EIN #46-4024951 Plan #002

Schedule H, Line 4i – Schedule of Assets

(Held at End of Year)

Year Ended December 31, 2015

Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest Collateral, Par, or Maturity Value	Current Value
Participant notes receivable*	Interest rates at 4.25% with various maturity dates	\$ 5,871

*Indicates party-in-interest to the Plan.

SIGNATURES

The Plan . Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

TIMKENSTEEL CORPORATION
SAVINGS PLAN FOR CERTAIN BARGAINING EMPLOYEES

Date: June 24, 2016

/s/ Tina M. Beskid

Tina M. Beskid
Vice President, Corporate Controller & Investor Relations
TimkenSteel Corporation