| SEC Form 4 |   |
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| FORM       | 4 |

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

|  | Check this box if no longer subject to<br>Section 16. Form 4 or Form 5<br>obligations may continue. See<br>Instruction 1(b). |
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Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL             |     |  |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|--|
| OMB Number: 3235-0287    |     |  |  |  |  |  |  |  |
| Estimated average burden |     |  |  |  |  |  |  |  |
| hours per response:      | 0.5 |  |  |  |  |  |  |  |

| 1. Name and Address of Reporting Person <sup>*</sup><br>NAGARAJAN SUNDARAM |                           |            | 2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>WESCO INTERNATIONAL INC</u> [ WCC ] |                   | tionship of Reporting Pe<br>all applicable)<br>Director | rson(s) to Issuer<br>10% Owner |
|--|---------------------------|------------|---|-------------------|---|--------------------------------|
|  | WEST STATION SQUARE DRIVE |            | 3. Date of Earliest Transaction (Month/Day/Year)<br>09/30/2024                            |                   | Officer (give title below)                              | Other (specify below)          |
| SUITE 700  |                           |            | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                  | 6. Indiv<br>Line) | idual or Joint/Group Filin                              | g (Check Applicable            |
| (Street)   |                           |            |   | 1                 | Form filed by One Rep                                   | orting Person                  |
| PITTSBURGH   | PA                        | 15219-1122 |   |                   | Form filed by More tha<br>Person                        | n One Reporting                |
| (City)   | (State)                   | (Zip)      |   |                   |   |                                |

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Transaction I<br>Code (Instr. |   |                        |               |                   | Securities<br>Beneficially         | Form: Direct | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|---------------------------------|--|---|-------------------------------|---|------------------------|---------------|-------------------|------------------------------------|--------------|---|
|                                 |  |   | Code                          | v | Amount                 | (A) or<br>(D) | Price             | Transaction(s)<br>(Instr. 3 and 4) |              | (Instr. 4)  |
| Common Stock                    | 09/30/2024                                 |   | A                             |   | 10.8646 <sup>(1)</sup> | Α             | \$ <mark>0</mark> | 4,436.7966                         | D            |   |
| Common Stock                    | 09/30/2024                                 |   | A                             |   | 186.034(2)             | Α             | \$167.98          | 4,622.8306                         | D            |   |

### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

| (e.g., puts | , calls, v | warrants, | options, | convertible | securities) |  |
|-------------|------------|-----------|----------|-------------|-------------|--|
|             |            |           |          |             |             |  |

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |  | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4 |                    | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4 |  | Expiration Date<br>(Month/Day/Year) |  | of Expiration Date<br>Derivative (Month/Day/Year)<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4 |  | and 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|---|--|---|------------------------------|---|--|--|--|--------------------|--|--|-------------------------------------|--|---|--|---|--|---|--|--|--|
|   |   |  |   | Code                         | v |  |  | Date<br>Exercisable  | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of<br>Shares |                                     |  |   |  |   |  |   |  |  |  |

Explanation of Responses:

1. Represents dividend equivalent rights ("DERs") in connection with the Issuer's quarterly dividend and accrued to the Reporting Person on restricted stock units ("RSUs") held by the Reporting Person. Each DER is the economic equivalent of one share of Issuer's common stock and vests on the same schedule as the underlying award.

2. Represents deferred share units ("DSUs") credited to the Reporting Person's deferred compensation account pursuant to the Issuer's Deferred Compensation Plan for Non-Employee Directors (the "Plan"). Each DSU is the economic equivalent of one share of Issuer's common stock and is eligible for distribution in the form of Issuer's common stock based on the schedule elected by the Reporting Person in accordance with the Plan.

# <u>/s/ Michele Nelson, as</u>

Attorney-in-Fact

10/02/2024

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 $^{\ast}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.