RANKIN ALISON A Form 4

March 11, 2019

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

(City)

1. Name and Address of Reporting Person * RANKIN ALISON A

(Middle)

(Zip)

HYSTER-YALE MATERIALS HANDLING, INC. [HY]

5875 LANDERBROOK DRIVE

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

3. Date of Earliest Transaction (Month/Day/Year)

03/07/2019

P

64

4. If Amendment, Date Original Filed(Month/Day/Year)

Person

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

5. Amount of

Securities

Following

Reported

10,476

Transaction(s)

(Instr. 3 and 4)

Owned

Beneficially

MAYFIELD HEIGHTS, OH 44124

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) (Instr. 3) Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

Code V Amount

Class A Common 03/07/2019 Stock

Class A Common 03/07/2019 Stock

\$ 64.89 P 3 604 A (1)

(A)

Price

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner Officer (give title __X_ Other (specify below) below)

Member of a Group

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

Form:

(I)

Ι

I

Ownership Indirect Beneficial Ownership Direct (D) or Indirect (Instr. 4) (Instr. 4) Reporting Person serves as Trustee of a Trust for the benefit of Alison Rankin Spouse's proportionate interests in shares held by Rankin Associates V

7. Nature of

Class A Common Stock	03/07/2019	P	49	A	\$ 64.89 (1)	38,767	I	Spouse serves as Trustee of GSTs for the benefit of A. Farnham Rankin
Class A Common Stock	03/07/2019	P	49	A	\$ 64.89 (1)	38,767	I	Spouse serves as Trustee of GSTs for the benefit of Elisabeth M. Rankin
Class A Common Stock	03/07/2019	P	1	A	\$ 64.89 (1)	89	I	spouse's interest in shares of Rankin Associates VI held by Rankin Management, Inc. ("RMI")
Class A Common Stock	03/07/2019	P	86	A	\$ 64.89 (1)	38,853	I	Spouse serves as Trustee of GSTs for the benefit of A. Farnham Rankin
Class A Common Stock	03/07/2019	P	86	A	\$ 64.89 (1)	38,853	I	Spouse serves as Trustee of GSTs for the benefit of Elisabeth M. Rankin
Class A Common Stock	03/07/2019	P	1	A	\$ 64.89 (1)	259	I	Spouse's proportionate interest in shares held by Rankin Associates VI
Class A Common Stock	03/07/2019	P	2	A	\$ 64.89 (1)	561	I	Proportionate interest in shares held in Rankin Associates VI
Class A Common Stock	03/07/2019	P	2	A	\$ 64.89 (1)	472	I	Child's proportionate interest in

								shares held by Rankin Associates VI (2) Child's
Class A Common Stock	03/07/2019	P	2	A	\$ 64.89 (1)	472	I	proportionate interest in shares held by Rankin Associates VI
Class A Common Stock						54,147	I	proportionate limited partnership interest in shares held by Rankin Associates I, L.P (4)
Class A Common Stock						29,986	I	Reporting Person?s proportionate interests in shares held by Rankin Associates II.
Class A Common Stock						200	I	Reporting person's spouse serves as Trustee for the benefit of Elisabeth Rankin
Class A Common Stock						765	I	Reporting person serves as co-trustee of trust fbo Elisabeth M. Rankin
Class A Common Stock						20,426	I	Minor child?s trust?s proportionate interests in shares held by Rankin Associates II.

Class A Common Stock	1,851	I	Co-Trustee for the benefit of Reporting Person's daughter. (4)
Class A Common Stock	94	I	Child's proportionate interest in shares held by Rankin Associates V
Class A Common Stock	1,209	I	Spouse serves as Trustee for the benefit of A. Farnham Rankin
Class A Common Stock	18,294	I	Minor child?s trust?s proportionate interests in shares held by Rankin Associates II.
Class A Common Stock	94	I	Child's proportionate interest in shares held by Rankin Associates V
Class A Common Stock	3,738	I	Co-Trustee for the benefit of Reporting Person's daughter. (4)
Class A Common Stock	19	I	Spouse's proportionate general partnership interest shares held by RAIV. (4)
Class A Common Stock	3,448	I	Spouse's proportionate interests in

			shares held by Rankin Associates I.		
Class A Common Stock	4,283	I	spouse's proportionate limited partnership interest in shares held by RA II, L.P (4)		
Class A Common Stock	65,824	I	Spouse's proportionate interests in shares held by Rankin Associates IV. (4)		
Class A Common Stock	1,975	I	spouse's proportionate interest in shares held by Rankin Management, Inc. ("RMI").		
Class A Common Stock	70	I	spouse's interest in shares of Rankin Associates V held by Rankin Management, Inc. ("RMI")		
Class A Common Stock	192,662	I	spouse serves as Trustee of a Trust for the benefit of Roger F. Rankin (4)		
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. 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 control number. SEC 1474 (9-02)					

$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. DiNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title and A Underlying S (Instr. 3 and	ecurities 4)	8. Price Derivati Security (Instr. 5]
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Class B Common Stock	<u>(5)</u>					<u>(5)</u>	(5)	Class A Common Stock	96,861	
Class B Common Stock	<u>(5)</u>					<u>(5)</u>	<u>(5)</u>	Class A Common Stock	29,986	
Class B Common Stock	<u>(5)</u>					<u>(5)</u>	<u>(5)</u>	Class A Common Stock	3,123	
Class B Common Stock	<u>(5)</u>					<u>(5)</u>	<u>(5)</u>	Class A Common Stock	200	
Class B Common Stock	<u>(5)</u>					(5)	(5)	Class A Common Stock	20,426	

Class B Common Stock	<u>(5)</u>	(5)	(5)	Class A Common Stock	1,851
Class B Common Stock	(5)	(5)	<u>(5)</u>	Class A Common Stock	444
Class B Common Stock	(5)	(5)	(5)	Class A Common Stock	18,294
Class B Common Stock	<u>(5)</u>	<u>(5)</u>	(5)	Class A Common Stock	3,738
Class B Common Stock	<u>(5)</u>	<u>(5)</u>	(5)	Class A Common Stock	6,889
Class B Common Stock	<u>(5)</u>	(5)	(5)	Class A Common Stock	6,889
Class B Common Stock	<u>(5)</u>	<u>(5)</u>	(5)	Class A Common Stock	31

Class B Common Stock	<u>(5)</u>	(5)	(5)	Class A Common Stock	6,168
Class B Common Stock	<u>(5)</u>	<u>(5)</u>	(5)	Class A Common Stock	4,283
Class B Common Stock	<u>(5)</u>	<u>(5)</u>	(5)	Class A Common Stock	104,286
Class B Common Stock	<u>(5)</u>	(5)	(5)	Class A Common Stock	1,975
Class B Common Stock	(<u>5)</u>	<u>(5)</u>	<u>(5)</u>	Class A Common Stock	193,760

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

RANKIN ALISON A 5875 LANDERBROOK DRIVE MAYFIELD HEIGHTS, OH 44124

Member of a Group

Signatures

/s/ Suzanne S. Taylor, attorney-in-fact

03/08/2019

**Signature of Reporting Person

Date

Reporting Owners 8

Explanation of Responses:

- * 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).
- (1) 2019-Mar-7-Weighted Average Share Price represents average price between \$64.58 and \$64.99.
- (2) held in trust u/a/d 8/15/2012
- (3) held in trust u/a/d 12/30/2015
- (4) Reporting Person disclaims beneficial ownership of all such shares.
- (5) N/A

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. g:0in 0in 0in; width: 10.0%;">

2019(1)

Dam management

111

92

109

180

241

256

From 2016 to 2019, investments in dam management will total R\$ 786 million (approximately US\$ 220 million), being applied to initiatives related to the maintenance and safety of dams, such as maintenance services, monitoring, improvements, auditing, risk analysis, revisions of the Emergency Action Plan for Mining Dams (PAEBM), implementation of alert systems, video monitoring and instrumentation, becoming the

⁽¹⁾Realized amounts up to 3Q18, estimated amounts for 4Q18 and approved values in the company s business plan for 2019.

most significant category in relation to investments in dams and waste dumps, representing more than 30% of the total amount invested.

Investment in dams and waste dumps

In million	2014	2015	2016	2017	2018(1)	2019(1)
Total investment in dams and waste						
dumps, in US\$	474	226	152	202	221	435
Brazil	407	174	131	191	178	225
Other countries	67	52	21	11	43	210
Exchange rate R\$ / US\$	2.35	3.33	3.49	3.19	3.65	3.76
Total Investments in dams and						
waste dumps in Brazil, in R\$	956	576	456	608	654	845
Dam management	111	92	109	180	241	256
New conventional dams	391	230	115	241	140	222
Dam raisings	168	139	94	96	188	203
Waste dumps	203	109	86	79	81	101
Others	83	6	52	12	4	63

⁽¹⁾Realized amounts up to 3Q18, estimated amounts for 4Q18 and approved values in the company s business plan for 2019.

Vale s investments in new tailings dams, all built by the conventional method, reflect the company s operational needs and the implementation schedule of each of the projects in execution. Between 2014 and 2016, Vale has conducted and concluded important tailings dam construction projects, such as the Brucutu Norte dam (2015) and Forquilha V dam (2016) in Minas Gerais and started the construction of the Maravilhas 3 dam in 2016.

With the continuous increase of the share of dry processing production, from 45% in 2014 to 60% in 2018 and 70% by 2023, investments in new dams and dam raisings tend to be concomitantly reduced.

Furthermore, in order to treat the tailings from wet processing, Vale plans to invest, starting in 2020, approximately R\$ 1.5 billion (about US\$ 390 million) in the implementation of dry stacking disposal

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technology. This initiative goes along with the acquisition of New Steel for US\$ 500 million announced on December 11th, 2018, with innovative technologies for the dry beneficiation of iron ore.

Investments in Health and Safety

Vale has also made significant investments in health and safety, mainly aimed at electrical revitalization, structural revitalization and operational adequacy, fire prevention and firefighting systems, as well as other actions aimed at mitigating risks and complying with legal requirements.

In 2014 and 2015, Vale carried out major electrical revitalization and firefighting projects, as well as structural revitalization actions and, consequently, investments in 2017 reduced to R\$ 479 million.

Since then, Vale has been increasing its investments in projects related to Health and Safety and, in 2018, R\$ 673 million were disbursed, representing a 41% growth when compared to 2017. The 2019 budget, approved by the Board of Directors in 2018, provides for an even higher investment in health and safety, representing a 30% growth in comparison to the amount invested in 2018 and the highest in the last five years of the company.

Investment in Health and Safety

In million	2014	2015	2016	2017	2018(1)	2019(1)
Total Investment in H&S, in US\$	360	353	198	207	233	291
Brazil	317	178	125	151	184	233
Other countries	43	175	73	56	49	58
Exchange rate R\$ / US\$	2.35	3.33	3.49	3.19	3.65	3.76
Total Investment in H&S in Brazil,						
in R\$	744	593	435	479	673	877

⁽¹⁾Realized amounts up to 3Q18, estimated amounts for 4Q18 and approved values in the company s business plan for 2019.

For further information, please contact:

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This press release may include statements that present Vale s expectations about future events or results. All statements, when based upon expectations about the future, involve various risks and uncertainties. Vale cannot guarantee that such statements will prove correct. These risks and uncertainties include factors related to the following: (a) the countries where we operate, especially Brazil and Canada; (b) the global economy; (c) the capital markets; (d) the mining and metals prices and their dependence on global industrial production, which is cyclical by nature; and (e) global competition in the markets in which Vale operates. To obtain further information on factors that may lead to results different from those forecast by Vale, please consult the reports Vale files with the U.S. Securities and Exchange Commission (SEC), the Brazilian Comissão de Valores Mobiliários (CVM), and the French Autorité des Marchés Financiers (AMF), and in particular the factors discussed under Forward-Looking Statements and Risk Factors in Vale s annual report on Form 20-F.

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Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Vale S.A. (Registrant)

By: /s/ André Figueiredo

Director of Investor Relations

Date: March 25, 2019

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