

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme Brambles LimitedACN/ARSN 118 896 021**1. Details of substantial holder (1)**Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)ACN/ARSN (if applicable) N/AThe holder became a substantial holder on 17 March 2023**2. Details of voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary	69,541,291	69,541,291	5.007%
Note: Vanguard Group also holds 42,205 shares of Brambles Limited ADR.			

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 69,541,291

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Ordinary – 4,428,891
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 5,581,788
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 47,241,760
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 12,288,852

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)	Class and number of securities
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6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

print name Shawn Acker capacity Compliance Manager

sign here  date 22 March 2023

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an Associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest has acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder of its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

To Company
ACN/ARSN

Brambles Limited
118 896 021

Substantial Holder Name
ACN/ARSN

Vanguard Group
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
18-Nov-22	The Vanguard Group, Inc.	BUY	11.50	Ordinary	31,816	31,816
18-Nov-22	The Vanguard Group, Inc.	BUY	11.56	Ordinary	1,576	1,576
18-Nov-22	The Vanguard Group, Inc.	BUY	11.56	Ordinary	3,940	3,940
18-Nov-22	The Vanguard Group, Inc.	BUY	11.45	Ordinary	12,111	12,111
18-Nov-22	The Vanguard Group, Inc.	BUY	11.52	Ordinary	2,621	2,621
18-Nov-22	The Vanguard Group, Inc.	BUY	11.52	Ordinary	1,288	1,288
21-Nov-22	The Vanguard Group, Inc.	BUY	11.57	Ordinary	9,114	9,114
22-Nov-22	The Vanguard Group, Inc.	BUY	11.73	Ordinary	7,665	7,665
22-Nov-22	The Vanguard Group, Inc.	BUY	11.73	Ordinary	2,364	2,364
22-Nov-22	The Vanguard Group, Inc.	BUY	11.68	Ordinary	458	458
23-Nov-22	The Vanguard Group, Inc.	BUY	11.76	Ordinary	3,987	3,987
24-Nov-22	The Vanguard Group, Inc.	BUY	11.82	Ordinary	8,349	8,349
24-Nov-22	The Vanguard Group, Inc.	BUY	11.82	Ordinary	3,553	3,553
25-Nov-22	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(7,824)	(7,824)
28-Nov-22	The Vanguard Group, Inc.	BUY	11.95	Ordinary	3,324	3,324
29-Nov-22	The Vanguard Group, Inc.	BUY	12.00	Ordinary	2,632	2,632
29-Nov-22	The Vanguard Group, Inc.	BUY	12.00	Ordinary	1,467	1,467
29-Nov-22	The Vanguard Group, Inc.	BUY	12.02	Ordinary	1,440	1,440
30-Nov-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,417	1,417
30-Nov-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	3,550	3,550
30-Nov-22	The Vanguard Group, Inc.	BUY	12.11	Ordinary	1,286	1,286
30-Nov-22	The Vanguard Group, Inc.	SELL	12.11	Ordinary	(92,669)	(92,669)
1-Dec-22	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(5,216)	(5,216)
1-Dec-22	The Vanguard Group, Inc.	BUY	12.18	Ordinary	1,999	1,999
2-Dec-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	3,212	3,212
2-Dec-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,359	1,359
2-Dec-22	The Vanguard Group, Inc.	SELL	12.10	Ordinary	(10,276)	(10,276)
2-Dec-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	247	247
2-Dec-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,400	1,400
5-Dec-22	The Vanguard Group, Inc.	SELL	12.05	Ordinary	(2,202)	(2,202)
5-Dec-22	The Vanguard Group, Inc.	BUY	12.03	Ordinary	405	405
6-Dec-22	The Vanguard Group, Inc.	BUY	12.08	Ordinary	2,364	2,364
6-Dec-22	The Vanguard Group, Inc.	BUY	12.08	Ordinary	3,940	3,940
6-Dec-22	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(1,131)	(1,131)
6-Dec-22	The Vanguard Group, Inc.	SELL	12.13	Ordinary	(2,483)	(2,483)
7-Dec-22	The Vanguard Group, Inc.	SELL	12.04	Ordinary	(36,949)	(36,949)
7-Dec-22	The Vanguard Group, Inc.	SELL	12.04	Ordinary	(345)	(345)
8-Dec-22	The Vanguard Group, Inc.	BUY	11.84	Ordinary	3,232	3,232
8-Dec-22	The Vanguard Group, Inc.	BUY	11.84	Ordinary	1,576	1,576
8-Dec-22	The Vanguard Group, Inc.	BUY	11.84	Ordinary	1,576	1,576
8-Dec-22	The Vanguard Group, Inc.	BUY	11.90	Ordinary	30,750	30,750
8-Dec-22	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(1,739)	(1,739)
9-Dec-22	The Vanguard Group, Inc.	SELL	11.78	Ordinary	(522)	(522)
9-Dec-22	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(7,677)	(7,677)
12-Dec-22	The Vanguard Group, Inc.	BUY	12.10	Ordinary	4,235	4,235
12-Dec-22	The Vanguard Group, Inc.	BUY	11.96	Ordinary	7,445	7,445
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	2,604	2,604
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	4,340	4,340
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	4,340	4,340
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	3,152	3,152
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	1,306	1,306
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	449	449
13-Dec-22	The Vanguard Group, Inc.	BUY	12.14	Ordinary	15,897	15,897
14-Dec-22	The Vanguard Group, Inc.	BUY	12.19	Ordinary	1,240	1,240
16-Dec-22	The Vanguard Group, Inc.	SELL	12.43	Ordinary	(34,976)	(34,976)
16-Dec-22	The Vanguard Group, Inc.	SELL	12.43	Ordinary	(12,325)	(12,325)
16-Dec-22	The Vanguard Group, Inc.	BUY	12.43	Ordinary	12,325	12,325
16-Dec-22	The Vanguard Group, Inc.	BUY	12.08	Ordinary	2,878	2,878
16-Dec-22	The Vanguard Group, Inc.	BUY	12.43	Ordinary	1,246	1,246
16-Dec-22	The Vanguard Group, Inc.	BUY	12.43	Ordinary	661	661
19-Dec-22	The Vanguard Group, Inc.	BUY	12.17	Ordinary	2,364	2,364

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Dec-22	The Vanguard Group, Inc.	BUY	12.19	Ordinary	2,364	2,364
20-Dec-22	The Vanguard Group, Inc.	BUY	12.19	Ordinary	1,576	1,576
20-Dec-22	The Vanguard Group, Inc.	SELL	12.14	Ordinary	(8,451)	(8,451)
21-Dec-22	The Vanguard Group, Inc.	BUY	12.24	Ordinary	1,622	1,622
21-Dec-22	The Vanguard Group, Inc.	BUY	12.16	Ordinary	1,498	1,498
21-Dec-22	The Vanguard Group, Inc.	BUY	12.16	Ordinary	1,294	1,294
21-Dec-22	The Vanguard Group, Inc.	SELL	12.16	Ordinary	(188)	(188)
21-Dec-22	The Vanguard Group, Inc.	BUY	12.16	Ordinary	23,760	23,760
23-Dec-22	The Vanguard Group, Inc.	BUY	12.20	Ordinary	2,364	2,364
23-Dec-22	The Vanguard Group, Inc.	BUY	12.19	Ordinary	135	135
23-Dec-22	The Vanguard Group, Inc.	BUY	12.19	Ordinary	717	717
28-Dec-22	The Vanguard Group, Inc.	BUY	12.09	Ordinary	4,275	4,275
28-Dec-22	The Vanguard Group, Inc.	BUY	12.09	Ordinary	18,084	18,084
28-Dec-22	The Vanguard Group, Inc.	BUY	12.09	Ordinary	3,940	3,940
28-Dec-22	The Vanguard Group, Inc.	BUY	12.18	Ordinary	2,992	2,992
29-Dec-22	The Vanguard Group, Inc.	BUY	12.10	Ordinary	9,042	9,042
29-Dec-22	The Vanguard Group, Inc.	BUY	12.17	Ordinary	3,187	3,187
29-Dec-22	The Vanguard Group, Inc.	BUY	12.04	Ordinary	1,418	1,418
29-Dec-22	The Vanguard Group, Inc.	BUY	12.04	Ordinary	2,446	2,446
30-Dec-22	The Vanguard Group, Inc.	BUY	12.09	Ordinary	1,308	1,308
3-Jan-23	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(4,686)	(4,686)
4-Jan-23	The Vanguard Group, Inc.	BUY	11.97	Ordinary	4,940	4,940
4-Jan-23	The Vanguard Group, Inc.	BUY	11.99	Ordinary	2,031	2,031
4-Jan-23	The Vanguard Group, Inc.	BUY	11.95	Ordinary	740	740
4-Jan-23	The Vanguard Group, Inc.	BUY	11.95	Ordinary	1,480	1,480
5-Jan-23	The Vanguard Group, Inc.	BUY	11.75	Ordinary	1,576	1,576
5-Jan-23	The Vanguard Group, Inc.	BUY	11.75	Ordinary	1,576	1,576
5-Jan-23	The Vanguard Group, Inc.	BUY	11.91	Ordinary	2,482	2,482
5-Jan-23	The Vanguard Group, Inc.	BUY	11.91	Ordinary	2,329	2,329
5-Jan-23	The Vanguard Group, Inc.	BUY	11.77	Ordinary	6,832	6,832
6-Jan-23	The Vanguard Group, Inc.	BUY	11.72	Ordinary	9,042	9,042
6-Jan-23	The Vanguard Group, Inc.	BUY	11.72	Ordinary	3,705	3,705
6-Jan-23	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(30,527)	(30,527)
6-Jan-23	The Vanguard Group, Inc.	BUY	11.72	Ordinary	2,364	2,364
6-Jan-23	The Vanguard Group, Inc.	BUY	11.67	Ordinary	1,584	1,584
9-Jan-23	The Vanguard Group, Inc.	BUY	11.74	Ordinary	1,520	1,520
9-Jan-23	The Vanguard Group, Inc.	BUY	11.56	Ordinary	2,791	2,791
10-Jan-23	The Vanguard Group, Inc.	BUY	11.50	Ordinary	771	771
10-Jan-23	The Vanguard Group, Inc.	BUY	11.50	Ordinary	1,306	1,306
11-Jan-23	The Vanguard Group, Inc.	BUY	11.55	Ordinary	1,415	1,415
11-Jan-23	The Vanguard Group, Inc.	SELL	11.56	Ordinary	(313)	(313)
11-Jan-23	The Vanguard Group, Inc.	BUY	11.56	Ordinary	2,280	2,280
11-Jan-23	The Vanguard Group, Inc.	BUY	11.56	Ordinary	1,956	1,956
12-Jan-23	The Vanguard Group, Inc.	BUY	11.57	Ordinary	25,273	25,273
12-Jan-23	The Vanguard Group, Inc.	SELL	11.57	Ordinary	(25,273)	(25,273)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.64	Ordinary	(14,644)	(14,644)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(43,561)	(43,561)
12-Jan-23	The Vanguard Group, Inc.	BUY	11.73	Ordinary	1,576	1,576
12-Jan-23	The Vanguard Group, Inc.	BUY	11.73	Ordinary	1,576	1,576
13-Jan-23	The Vanguard Group, Inc.	BUY	11.70	Ordinary	1,576	1,576
13-Jan-23	The Vanguard Group, Inc.	SELL	11.70	Ordinary	(367)	(367)
13-Jan-23	The Vanguard Group, Inc.	SELL	11.69	Ordinary	(17,363)	(17,363)
13-Jan-23	The Vanguard Group, Inc.	BUY	11.68	Ordinary	766	766
16-Jan-23	The Vanguard Group, Inc.	BUY	11.70	Ordinary	3,258	3,258
17-Jan-23	The Vanguard Group, Inc.	BUY	11.82	Ordinary	7,880	7,880
17-Jan-23	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(17,665)	(17,665)
17-Jan-23	The Vanguard Group, Inc.	SELL	11.79	Ordinary	(2,057)	(2,057)
17-Jan-23	The Vanguard Group, Inc.	BUY	11.81	Ordinary	738	738
18-Jan-23	The Vanguard Group, Inc.	BUY	11.73	Ordinary	161,255	161,255
18-Jan-23	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(1,627)	(1,627)
18-Jan-23	The Vanguard Group, Inc.	SELL	11.76	Ordinary	(209)	(209)
18-Jan-23	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(515)	(515)
18-Jan-23	The Vanguard Group, Inc.	BUY	11.74	Ordinary	43	43
19-Jan-23	The Vanguard Group, Inc.	SELL	11.72	Ordinary	(4,496)	(4,496)
19-Jan-23	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(324)	(324)
19-Jan-23	The Vanguard Group, Inc.	BUY	11.73	Ordinary	1,502	1,502
19-Jan-23	The Vanguard Group, Inc.	BUY	11.73	Ordinary	4,888	4,888
19-Jan-23	The Vanguard Group, Inc.	BUY	11.73	Ordinary	1,314	1,314

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Jan-23	The Vanguard Group, Inc.	BUY	11.76	Ordinary	7,535	7,535
20-Jan-23	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(30,467)	(30,467)
20-Jan-23	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(36,456)	(36,456)
20-Jan-23	The Vanguard Group, Inc.	SELL	11.67	Ordinary	(6,063)	(6,063)
20-Jan-23	The Vanguard Group, Inc.	SELL	11.80	Ordinary	(93)	(93)
24-Jan-23	The Vanguard Group, Inc.	BUY	11.69	Ordinary	2,364	2,364
24-Jan-23	The Vanguard Group, Inc.	BUY	11.71	Ordinary	1,312	1,312
24-Jan-23	The Vanguard Group, Inc.	BUY	11.71	Ordinary	1,968	1,968
27-Jan-23	The Vanguard Group, Inc.	BUY	11.90	Ordinary	2,884	2,884
27-Jan-23	The Vanguard Group, Inc.	SELL	11.89	Ordinary	(34,216)	(34,216)
30-Jan-23	The Vanguard Group, Inc.	BUY	12.02	Ordinary	32,512	32,512
31-Jan-23	The Vanguard Group, Inc.	BUY	11.99	Ordinary	242	242
31-Jan-23	The Vanguard Group, Inc.	BUY	11.99	Ordinary	119	119
1-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,105	1,105
1-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	789	789
1-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	11,925	11,925
2-Feb-23	The Vanguard Group, Inc.	SELL	12.08	Ordinary	(29,609)	(29,609)
2-Feb-23	The Vanguard Group, Inc.	SELL	12.07	Ordinary	(2,928)	(2,928)
2-Feb-23	The Vanguard Group, Inc.	SELL	12.07	Ordinary	(4,783)	(4,783)
2-Feb-23	The Vanguard Group, Inc.	BUY	12.08	Ordinary	18,965	18,965
3-Feb-23	The Vanguard Group, Inc.	SELL	12.29	Ordinary	(5,790)	(5,790)
3-Feb-23	The Vanguard Group, Inc.	SELL	12.29	Ordinary	(2,895)	(2,895)
3-Feb-23	The Vanguard Group, Inc.	SELL	12.29	Ordinary	(3,672)	(3,672)
3-Feb-23	The Vanguard Group, Inc.	SELL	12.29	Ordinary	(3,290)	(3,290)
3-Feb-23	The Vanguard Group, Inc.	SELL	12.17	Ordinary	(29,372)	(29,372)
3-Feb-23	The Vanguard Group, Inc.	BUY	12.29	Ordinary	858	858
3-Feb-23	The Vanguard Group, Inc.	SELL	12.23	Ordinary	(3,957)	(3,957)
3-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	235	235
3-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	789	789
3-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	28,481	28,481
3-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	2,320	2,320
3-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	1,308	1,308
6-Feb-23	The Vanguard Group, Inc.	SELL	12.26	Ordinary	(1,641)	(1,641)
6-Feb-23	The Vanguard Group, Inc.	BUY	12.27	Ordinary	13,240	13,240
7-Feb-23	The Vanguard Group, Inc.	SELL	12.24	Ordinary	(1,075)	(1,075)
7-Feb-23	The Vanguard Group, Inc.	SELL	12.26	Ordinary	(1,932)	(1,932)
7-Feb-23	The Vanguard Group, Inc.	SELL	12.31	Ordinary	(401)	(401)
7-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	789	789
7-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	10,592	10,592
7-Feb-23	The Vanguard Group, Inc.	BUY	12.26	Ordinary	5,673	5,673
8-Feb-23	The Vanguard Group, Inc.	SELL	12.03	Ordinary	(3,575)	(3,575)
8-Feb-23	The Vanguard Group, Inc.	BUY	12.01	Ordinary	789	789
8-Feb-23	The Vanguard Group, Inc.	BUY	12.01	Ordinary	63	63
9-Feb-23	The Vanguard Group, Inc.	BUY	11.93	Ordinary	9,042	9,042
9-Feb-23	The Vanguard Group, Inc.	BUY	11.93	Ordinary	858	858
9-Feb-23	The Vanguard Group, Inc.	BUY	11.93	Ordinary	8,151	8,151
9-Feb-23	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(3,216)	(3,216)
10-Feb-23	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(1,924)	(1,924)
10-Feb-23	The Vanguard Group, Inc.	BUY	11.94	Ordinary	720	720
13-Feb-23	The Vanguard Group, Inc.	BUY	11.95	Ordinary	1,576	1,576
13-Feb-23	The Vanguard Group, Inc.	BUY	11.95	Ordinary	2,364	2,364
13-Feb-23	The Vanguard Group, Inc.	SELL	11.84	Ordinary	(244)	(244)
13-Feb-23	The Vanguard Group, Inc.	SELL	11.88	Ordinary	(20,969)	(20,969)
14-Feb-23	The Vanguard Group, Inc.	SELL	11.90	Ordinary	(1,421)	(1,421)
14-Feb-23	The Vanguard Group, Inc.	SELL	11.90	Ordinary	(17,752)	(17,752)
14-Feb-23	The Vanguard Group, Inc.	BUY	11.95	Ordinary	1,832	1,832
15-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	9,042	9,042
15-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,287	1,287
15-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,576	1,576
15-Feb-23	The Vanguard Group, Inc.	BUY	11.99	Ordinary	1,370	1,370
16-Feb-23	The Vanguard Group, Inc.	BUY	12.22	Ordinary	3,014	3,014
16-Feb-23	The Vanguard Group, Inc.	BUY	12.22	Ordinary	119	119
17-Feb-23	The Vanguard Group, Inc.	BUY	12.12	Ordinary	3,152	3,152
17-Feb-23	The Vanguard Group, Inc.	BUY	12.12	Ordinary	1,576	1,576
17-Feb-23	The Vanguard Group, Inc.	BUY	12.13	Ordinary	1,890	1,890
17-Feb-23	The Vanguard Group, Inc.	BUY	12.13	Ordinary	3,585	3,585
20-Feb-23	The Vanguard Group, Inc.	BUY	12.19	Ordinary	2,492	2,492
20-Feb-23	The Vanguard Group, Inc.	BUY	12.18	Ordinary	1,160	1,160

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-Feb-23	The Vanguard Group, Inc.	BUY	11.98	Ordinary	9,042	9,042
21-Feb-23	The Vanguard Group, Inc.	BUY	11.98	Ordinary	3,152	3,152
21-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	325	325
21-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,841	1,841
21-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,841	1,841
22-Feb-23	The Vanguard Group, Inc.	BUY	12.02	Ordinary	2,364	2,364
22-Feb-23	The Vanguard Group, Inc.	BUY	12.03	Ordinary	1,044	1,044
23-Feb-23	The Vanguard Group, Inc.	BUY	12.08	Ordinary	3,663	3,663
23-Feb-23	The Vanguard Group, Inc.	BUY	12.07	Ordinary	1,324	1,324
24-Feb-23	The Vanguard Group, Inc.	BUY	12.77	Ordinary	189,879	189,879
24-Feb-23	The Vanguard Group, Inc.	BUY	12.97	Ordinary	804	804
24-Feb-23	The Vanguard Group, Inc.	BUY	12.97	Ordinary	652	652
27-Feb-23	The Vanguard Group, Inc.	BUY	12.88	Ordinary	9,042	9,042
27-Feb-23	The Vanguard Group, Inc.	BUY	12.88	Ordinary	3,663	3,663
27-Feb-23	The Vanguard Group, Inc.	SELL	12.86	Ordinary	(243)	(243)
28-Feb-23	The Vanguard Group, Inc.	BUY	12.87	Ordinary	10,248	10,248
28-Feb-23	The Vanguard Group, Inc.	BUY	12.87	Ordinary	198	198
1-Mar-23	The Vanguard Group, Inc.	BUY	13.02	Ordinary	7,535	7,535
1-Mar-23	The Vanguard Group, Inc.	BUY	13.02	Ordinary	15,070	15,070
1-Mar-23	The Vanguard Group, Inc.	BUY	13.02	Ordinary	10,024	10,024
1-Mar-23	The Vanguard Group, Inc.	BUY	12.97	Ordinary	34,714	34,714
1-Mar-23	The Vanguard Group, Inc.	BUY	13.02	Ordinary	2,364	2,364
1-Mar-23	The Vanguard Group, Inc.	BUY	12.97	Ordinary	2,514	2,514
1-Mar-23	The Vanguard Group, Inc.	BUY	13.03	Ordinary	804	804
1-Mar-23	The Vanguard Group, Inc.	SELL	12.91	Ordinary	(2,180)	(2,180)
2-Mar-23	The Vanguard Group, Inc.	BUY	13.07	Ordinary	9,268	9,268
2-Mar-23	The Vanguard Group, Inc.	BUY	13.07	Ordinary	12,771	12,771
2-Mar-23	The Vanguard Group, Inc.	BUY	13.07	Ordinary	2,322	2,322
2-Mar-23	The Vanguard Group, Inc.	BUY	13.07	Ordinary	26,703	26,703
3-Mar-23	The Vanguard Group, Inc.	BUY	13.17	Ordinary	3,152	3,152
3-Mar-23	The Vanguard Group, Inc.	BUY	13.09	Ordinary	295	295
3-Mar-23	The Vanguard Group, Inc.	BUY	13.09	Ordinary	4,197	4,197
3-Mar-23	The Vanguard Group, Inc.	BUY	13.09	Ordinary	123	123
6-Mar-23	The Vanguard Group, Inc.	BUY	13.13	Ordinary	1,161	1,161
7-Mar-23	The Vanguard Group, Inc.	BUY	13.30	Ordinary	804	804
7-Mar-23	The Vanguard Group, Inc.	BUY	13.30	Ordinary	4,204	4,204
8-Mar-23	The Vanguard Group, Inc.	BUY	13.34	Ordinary	6,096	6,096
9-Mar-23	The Vanguard Group, Inc.	BUY	13.45	Ordinary	26,201	26,201
10-Mar-23	The Vanguard Group, Inc.	SELL	13.25	Ordinary	(20,176)	(20,176)
10-Mar-23	The Vanguard Group, Inc.	BUY	13.25	Ordinary	1,576	1,576
13-Mar-23	The Vanguard Group, Inc.	SELL	12.95	Ordinary	(7,566)	(7,566)
13-Mar-23	The Vanguard Group, Inc.	BUY	13.08	Ordinary	1,876	1,876
13-Mar-23	The Vanguard Group, Inc.	BUY	13.08	Ordinary	1,072	1,072
14-Mar-23	The Vanguard Group, Inc.	BUY	13.02	Ordinary	1,876	1,876
15-Mar-23	The Vanguard Group, Inc.	SELL	13.02	Ordinary	(2,895)	(2,895)
15-Mar-23	The Vanguard Group, Inc.	SELL	13.02	Ordinary	(5,044)	(5,044)
15-Mar-23	The Vanguard Group, Inc.	SELL	13.02	Ordinary	(3,783)	(3,783)
15-Mar-23	The Vanguard Group, Inc.	BUY	13.09	Ordinary	229	229
15-Mar-23	The Vanguard Group, Inc.	BUY	13.09	Ordinary	638	638
16-Mar-23	The Vanguard Group, Inc.	BUY	13.08	Ordinary	2,144	2,144
17-Mar-23	The Vanguard Group, Inc.	BUY	13.19	Ordinary	28,357	28,357
17-Mar-23	The Vanguard Group, Inc.	BUY	13.19	Ordinary	22,928	22,928
17-Mar-23	The Vanguard Group, Inc.	SELL	13.18	Ordinary	(12,473)	(12,473)
17-Mar-23	The Vanguard Group, Inc.	BUY	13.19	Ordinary	31,780	31,780
17-Mar-23	The Vanguard Group, Inc.	BUY	13.19	Ordinary	10,679	10,679
17-Mar-23	The Vanguard Group, Inc.	BUY	13.19	Ordinary	110	110
21-Nov-22	Vanguard Investments Australia Ltd.	SELL	11.52	Ordinary	(33,900)	(33,900)
24-Nov-22	Vanguard Investments Australia Ltd.	BUY	11.82	Ordinary	16,965	16,965
29-Nov-22	Vanguard Investments Australia Ltd.	BUY	12.02	Ordinary	16,935	16,935
5-Dec-22	Vanguard Investments Australia Ltd.	BUY	12.03	Ordinary	28,175	28,175
8-Dec-22	Vanguard Investments Australia Ltd.	BUY	11.82	Ordinary	4,220	4,220
9-Dec-22	Vanguard Investments Australia Ltd.	BUY	11.83	Ordinary	1,673	1,673
12-Dec-22	Vanguard Investments Australia Ltd.	BUY	12.02	Ordinary	11,200	11,200
13-Dec-22	Vanguard Investments Australia Ltd.	BUY	12.14	Ordinary	16,800	16,800
13-Dec-22	Vanguard Investments Australia Ltd.	BUY	12.14	Ordinary	11,200	11,200
14-Dec-22	Vanguard Investments Australia Ltd.	SELL	12.24	Ordinary	(32,509)	(32,509)
20-Dec-22	Vanguard Investments Australia Ltd.	BUY	12.14	Ordinary	11,200	11,200
22-Dec-22	Vanguard Investments Australia Ltd.	SELL	12.23	Ordinary	(20,160)	(20,160)

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Dec-22	Vanguard Investments Australia Ltd.	SELL	12.19	Ordinary	(13,416)	(13,416)
28-Dec-22	Vanguard Investments Australia Ltd.	SELL	12.15	Ordinary	(39,130)	(39,130)
3-Jan-23	Vanguard Investments Australia Ltd.	BUY	11.95	Ordinary	27,775	27,775
3-Jan-23	Vanguard Investments Australia Ltd.	BUY	11.95	Ordinary	4,148	4,148
11-Jan-23	Vanguard Investments Australia Ltd.	BUY	11.55	Ordinary	1,417	1,417
13-Jan-23	Vanguard Investments Australia Ltd.	SELL	11.68	Ordinary	(16,770)	(16,770)
18-Jan-23	Vanguard Investments Australia Ltd.	BUY	11.74	Ordinary	2,076	2,076
20-Jan-23	Vanguard Investments Australia Ltd.	SELL	11.72	Ordinary	(108,796)	(108,796)
20-Jan-23	Vanguard Investments Australia Ltd.	SELL	11.72	Ordinary	(18,684)	(18,684)
24-Jan-23	Vanguard Investments Australia Ltd.	SELL	11.71	Ordinary	(19,722)	(19,722)
25-Jan-23	Vanguard Investments Australia Ltd.	SELL	11.72	Ordinary	(19,722)	(19,722)
31-Jan-23	Vanguard Investments Australia Ltd.	SELL	11.99	Ordinary	(62,396)	(62,396)
1-Feb-23	Vanguard Investments Australia Ltd.	SELL	12.03	Ordinary	(23,604)	(23,604)
3-Feb-23	Vanguard Investments Australia Ltd.	BUY	12.26	Ordinary	22,480	22,480
3-Feb-23	Vanguard Investments Australia Ltd.	SELL	12.26	Ordinary	(17,984)	(17,984)
13-Feb-23	Vanguard Investments Australia Ltd.	BUY	11.90	Ordinary	16,635	16,635
13-Feb-23	Vanguard Investments Australia Ltd.	SELL	11.90	Ordinary	(62,816)	(62,816)
14-Feb-23	Vanguard Investments Australia Ltd.	BUY	11.90	Ordinary	7,641	7,641
17-Feb-23	Vanguard Investments Australia Ltd.	BUY	12.13	Ordinary	17,616	17,616
21-Feb-23	Vanguard Investments Australia Ltd.	BUY	12.03	Ordinary	16,485	16,485
21-Feb-23	Vanguard Investments Australia Ltd.	SELL	12.03	Ordinary	(65,940)	(65,940)
22-Feb-23	Vanguard Investments Australia Ltd.	BUY	12.03	Ordinary	1,607	1,607
22-Feb-23	Vanguard Investments Australia Ltd.	BUY	12.03	Ordinary	11,010	11,010
1-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.03	Ordinary	16,695	16,695
1-Mar-23	Vanguard Investments Australia Ltd.	SELL	13.03	Ordinary	(20,034)	(20,034)
1-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.03	Ordinary	3,132	3,132
3-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.09	Ordinary	14,482	14,482
10-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.28	Ordinary	16,890	16,890
13-Mar-23	Vanguard Investments Australia Ltd.	SELL	13.08	Ordinary	(12,386)	(12,386)
14-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.02	Ordinary	22,560	22,560
14-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.02	Ordinary	5,404	5,404
15-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.09	Ordinary	5,409	5,409
16-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.08	Ordinary	22,580	22,580
17-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.19	Ordinary	61,049	61,049
17-Mar-23	Vanguard Investments Australia Ltd.	BUY	13.19	Ordinary	5,455	5,455

This is Annexure A of 5 pages referred to in Form 603, Notice of initial substantial holder.

Signature: _____



Name: Shawn Acker _____

Capacity: Compliance Manager _____

Date: 22 March 2023 _____