

**Form 604**  
Corporations Act 2001  
Section 671B

**Notice of change of interests of substantial holder**

To Company Name/Scheme Brambles Limited  
ACN/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/A

There was a change in the interests of the substantial holder on 17 May 2019\*

*\*Vanguard recently updated its approach to the calculation of its substantial holding to include the relevant interests of separate Vanguard mutual funds and collective investment schemes that are managed by an external investment advisor. This is the date on which Vanguard updated the calculation.*

The previous notice was given to the company on 23 November 2018

The previous notice was dated 23 November 2018

**2. Previous and present 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 when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary (Vanguard Group)	79,685,182	5.001%	103,785,640	6.508%

**3. Changes in relevant interests**

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
See Annexure A					

**4. Present relevant interests**

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Group	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of 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.	<b>Ordinary – 39,401,691</b>	39,401,691
Vanguard Group	<b>Brown Brothers Harriman</b>	Various funds and other accounts of 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.	<b>Ordinary – 4,141,454</b>	4,141,454
Vanguard Group	<b>BNY Mellon</b>	Various funds and other accounts of 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.	<b>Ordinary – 21,157,799</b>	21,157,799
Vanguard Group	<b>Citibank</b>	Various funds and other accounts of 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.	<b>Ordinary – 20,950</b>	20,950
Vanguard Group	<b>CIBC Mellon</b>	Various funds and other accounts of 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.	<b>Ordinary – 9,466</b>	9,466

Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of 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 – 13,459,022	13,459,022
Vanguard Group	Various others	Various funds and other accounts of 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 – 25,595,258	25,595,258

#### 5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

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

#### 6. 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

#### Signature

print name SHAWN ACKER capacity MANAGER  
sign here [Signature] date 24 May 2019

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
21-Nov-18	The Vanguard Group, Inc.	BUY	10.48	Ordinary	14,520	14,520
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	1,545	1,545
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	9,270	9,270
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	9,075	9,075
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	18,600	18,600
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	9,300	9,300
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	5,580	5,580
28-Nov-18	The Vanguard Group, Inc.	BUY	10.58	Ordinary	9,093	9,093
29-Nov-18	The Vanguard Group, Inc.	BUY	10.48	Ordinary	31,620	31,620
30-Nov-18	The Vanguard Group, Inc.	BUY	10.31	Ordinary	642	642
30-Nov-18	The Vanguard Group, Inc.	SELL	10.28	Ordinary	(43,890)	(43,890)
3-Dec-18	The Vanguard Group, Inc.	BUY	10.32	Ordinary	37,802	37,802
3-Dec-18	The Vanguard Group, Inc.	BUY	10.23	Ordinary	1,284	1,284
4-Dec-18	The Vanguard Group, Inc.	BUY	10.10	Ordinary	9,072	9,072
4-Dec-18	The Vanguard Group, Inc.	BUY	10.10	Ordinary	14,520	14,520
4-Dec-18	The Vanguard Group, Inc.	BUY	10.24	Ordinary	16,089	16,089
5-Dec-18	The Vanguard Group, Inc.	BUY	10.24	Ordinary	143,528	143,528
5-Dec-18	The Vanguard Group, Inc.	BUY	10.28	Ordinary	7,949	7,949
6-Dec-18	The Vanguard Group, Inc.	BUY	10.28	Ordinary	6,804	6,804
6-Dec-18	The Vanguard Group, Inc.	BUY	10.22	Ordinary	10,729	10,729
6-Dec-18	The Vanguard Group, Inc.	SELL	10.22	Ordinary	(1,407)	(1,407)
7-Dec-18	The Vanguard Group, Inc.	BUY	10.25	Ordinary	67,528	67,528
7-Dec-18	The Vanguard Group, Inc.	BUY	10.22	Ordinary	12,705	12,705
7-Dec-18	The Vanguard Group, Inc.	BUY	10.22	Ordinary	14,520	14,520
10-Dec-18	The Vanguard Group, Inc.	BUY	10.05	Ordinary	8,521	8,521
11-Dec-18	The Vanguard Group, Inc.	BUY	10.10	Ordinary	14,520	14,520
11-Dec-18	The Vanguard Group, Inc.	BUY	10.10	Ordinary	10,890	10,890
12-Dec-18	The Vanguard Group, Inc.	BUY	10.10	Ordinary	100,039	100,039
12-Dec-18	The Vanguard Group, Inc.	BUY	10.08	Ordinary	10,890	10,890
12-Dec-18	The Vanguard Group, Inc.	BUY	10.08	Ordinary	30,855	30,855
12-Dec-18	The Vanguard Group, Inc.	BUY	10.08	Ordinary	10,890	10,890
12-Dec-18	The Vanguard Group, Inc.	SELL	10.14	Ordinary	(651)	(651)
12-Dec-18	The Vanguard Group, Inc.	BUY	10.08	Ordinary	5,196	5,196
13-Dec-18	The Vanguard Group, Inc.	BUY	9.97	Ordinary	9,093	9,093
13-Dec-18	The Vanguard Group, Inc.	BUY	9.97	Ordinary	2,058	2,058
13-Dec-18	The Vanguard Group, Inc.	BUY	10.00	Ordinary	205	205
14-Dec-18	The Vanguard Group, Inc.	BUY	9.86	Ordinary	10,890	10,890
14-Dec-18	The Vanguard Group, Inc.	BUY	9.86	Ordinary	11,160	11,160
14-Dec-18	The Vanguard Group, Inc.	BUY	9.86	Ordinary	3,897	3,897
14-Dec-18	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(1,083)	(1,083)
17-Dec-18	The Vanguard Group, Inc.	BUY	10.01	Ordinary	21,780	21,780
17-Dec-18	The Vanguard Group, Inc.	BUY	10.01	Ordinary	12,990	12,990
17-Dec-18	The Vanguard Group, Inc.	SELL	10.11	Ordinary	(17,948)	(17,948)
18-Dec-18	The Vanguard Group, Inc.	BUY	10.05	Ordinary	6,072	6,072
20-Dec-18	The Vanguard Group, Inc.	BUY	10.02	Ordinary	14,520	14,520
20-Dec-18	The Vanguard Group, Inc.	SELL	10.08	Ordinary	(58,020)	(58,020)
20-Dec-18	The Vanguard Group, Inc.	BUY	10.08	Ordinary	12,288	12,288
20-Dec-18	The Vanguard Group, Inc.	BUY	10.08	Ordinary	452	452
21-Dec-18	The Vanguard Group, Inc.	SELL	10.04	Ordinary	(17,034)	(17,034)
21-Dec-18	The Vanguard Group, Inc.	SELL	10.04	Ordinary	(14,646)	(14,646)
21-Dec-18	The Vanguard Group, Inc.	SELL	10.04	Ordinary	(969)	(969)
21-Dec-18	The Vanguard Group, Inc.	SELL	10.04	Ordinary	(13,824)	(13,824)
21-Dec-18	The Vanguard Group, Inc.	SELL	9.99	Ordinary	(455,797)	(455,797)
21-Dec-18	The Vanguard Group, Inc.	BUY	10.03	Ordinary	675	675
21-Dec-18	The Vanguard Group, Inc.	SELL	9.99	Ordinary	(298)	(298)
24-Dec-18	The Vanguard Group, Inc.	BUY	9.80	Ordinary	18,576	18,576
24-Dec-18	The Vanguard Group, Inc.	BUY	9.80	Ordinary	11,610	11,610
24-Dec-18	The Vanguard Group, Inc.	BUY	9.89	Ordinary	193	193
26-Dec-18	The Vanguard Group, Inc.	BUY	10.03	Ordinary	20,956	20,956
26-Dec-18	The Vanguard Group, Inc.	BUY	10.03	Ordinary	6,966	6,966
27-Dec-18	The Vanguard Group, Inc.	BUY	10.25	Ordinary	2,155	2,155
27-Dec-18	The Vanguard Group, Inc.	BUY	10.25	Ordinary	5,805	5,805

## 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
27-Dec-18	The Vanguard Group, Inc.	BUY	10.25	Ordinary	17,415	17,415
27-Dec-18	The Vanguard Group, Inc.	BUY	10.25	Ordinary	3,483	3,483
27-Dec-18	The Vanguard Group, Inc.	BUY	10.25	Ordinary	1,284	1,284
28-Dec-18	The Vanguard Group, Inc.	BUY	10.21	Ordinary	8,060	8,060
28-Dec-18	The Vanguard Group, Inc.	BUY	10.23	Ordinary	4,394	4,394
28-Dec-18	The Vanguard Group, Inc.	BUY	10.07	Ordinary	252	252
31-Dec-18	The Vanguard Group, Inc.	BUY	10.16	Ordinary	10,344	10,344
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	3,017	3,017
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	7,758	7,758
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	11,284	11,284
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	20,956	20,956
2-Jan-19	The Vanguard Group, Inc.	BUY	10.07	Ordinary	1,873	1,873
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	6,966	6,966
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	8,127	8,127
2-Jan-19	The Vanguard Group, Inc.	BUY	10.05	Ordinary	1,986	1,986
2-Jan-19	The Vanguard Group, Inc.	BUY	9.98	Ordinary	10,263	10,263
3-Jan-19	The Vanguard Group, Inc.	BUY	10.08	Ordinary	28,631	28,631
3-Jan-19	The Vanguard Group, Inc.	BUY	9.99	Ordinary	5,805	5,805
3-Jan-19	The Vanguard Group, Inc.	BUY	9.99	Ordinary	1,986	1,986
3-Jan-19	The Vanguard Group, Inc.	BUY	10.08	Ordinary	3,249	3,249
4-Jan-19	The Vanguard Group, Inc.	BUY	9.98	Ordinary	34,688	34,688
4-Jan-19	The Vanguard Group, Inc.	BUY	10.07	Ordinary	1,126	1,126
7-Jan-19	The Vanguard Group, Inc.	BUY	10.17	Ordinary	2,322	2,322
8-Jan-19	The Vanguard Group, Inc.	SELL	10.17	Ordinary	(798)	(798)
8-Jan-19	The Vanguard Group, Inc.	BUY	10.24	Ordinary	3,210	3,210
8-Jan-19	The Vanguard Group, Inc.	SELL	10.23	Ordinary	(32,964)	(32,964)
9-Jan-19	The Vanguard Group, Inc.	SELL	10.37	Ordinary	(31,987)	(31,987)
9-Jan-19	The Vanguard Group, Inc.	BUY	10.43	Ordinary	11,284	11,284
9-Jan-19	The Vanguard Group, Inc.	SELL	10.40	Ordinary	(17,518)	(17,518)
10-Jan-19	The Vanguard Group, Inc.	BUY	10.53	Ordinary	6,896	6,896
10-Jan-19	The Vanguard Group, Inc.	BUY	10.53	Ordinary	3,972	3,972
10-Jan-19	The Vanguard Group, Inc.	SELL	10.46	Ordinary	(17,547)	(17,547)
10-Jan-19	The Vanguard Group, Inc.	BUY	10.48	Ordinary	8,201	8,201
11-Jan-19	The Vanguard Group, Inc.	BUY	10.55	Ordinary	2,586	2,586
11-Jan-19	The Vanguard Group, Inc.	BUY	10.55	Ordinary	19,344	19,344
11-Jan-19	The Vanguard Group, Inc.	BUY	10.55	Ordinary	1,284	1,284
11-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	4,818	4,818
14-Jan-19	The Vanguard Group, Inc.	BUY	10.52	Ordinary	11,284	11,284
15-Jan-19	The Vanguard Group, Inc.	SELL	10.51	Ordinary	(13,318)	(13,318)
15-Jan-19	The Vanguard Group, Inc.	BUY	10.56	Ordinary	27,815	27,815
17-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	26,266	26,266
17-Jan-19	The Vanguard Group, Inc.	SELL	10.62	Ordinary	(10,458)	(10,458)
17-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	34,335	34,335
17-Jan-19	The Vanguard Group, Inc.	BUY	10.59	Ordinary	12,925	12,925
17-Jan-19	The Vanguard Group, Inc.	BUY	10.57	Ordinary	1,485	1,485
17-Jan-19	The Vanguard Group, Inc.	SELL	10.57	Ordinary	(12,495)	(12,495)
17-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	2,731	2,731
18-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	66,081	66,081
18-Jan-19	The Vanguard Group, Inc.	SELL	10.60	Ordinary	(674)	(674)
18-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	12,835	12,835
18-Jan-19	The Vanguard Group, Inc.	SELL	10.60	Ordinary	(3,864)	(3,864)
22-Jan-19	The Vanguard Group, Inc.	SELL	10.70	Ordinary	(10,458)	(10,458)
22-Jan-19	The Vanguard Group, Inc.	BUY	10.73	Ordinary	2,537	2,537
22-Jan-19	The Vanguard Group, Inc.	BUY	10.73	Ordinary	447	447
23-Jan-19	The Vanguard Group, Inc.	SELL	10.70	Ordinary	(22,659)	(22,659)
23-Jan-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	1,710	1,710
23-Jan-19	The Vanguard Group, Inc.	BUY	10.76	Ordinary	477	477
24-Jan-19	The Vanguard Group, Inc.	SELL	10.71	Ordinary	(22,659)	(22,659)
24-Jan-19	The Vanguard Group, Inc.	BUY	10.77	Ordinary	6,021	6,021
24-Jan-19	The Vanguard Group, Inc.	BUY	10.69	Ordinary	23,197	23,197
25-Jan-19	The Vanguard Group, Inc.	BUY	10.72	Ordinary	954	954
25-Jan-19	The Vanguard Group, Inc.	BUY	10.75	Ordinary	281	281
28-Jan-19	The Vanguard Group, Inc.	SELL	10.68	Ordinary	(6,966)	(6,966)
29-Jan-19	The Vanguard Group, Inc.	SELL	10.72	Ordinary	(33,117)	(33,117)
29-Jan-19	The Vanguard Group, Inc.	SELL	10.72	Ordinary	(13,944)	(13,944)
29-Jan-19	The Vanguard Group, Inc.	SELL	10.72	Ordinary	(13,944)	(13,944)
29-Jan-19	The Vanguard Group, Inc.	SELL	10.72	Ordinary	(9,672)	(9,672)
29-Jan-19	The Vanguard Group, Inc.	SELL	10.80	Ordinary	(574)	(574)
29-Jan-19	The Vanguard Group, Inc.	SELL	10.72	Ordinary	(4,644)	(4,644)

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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
29-Jan-19	The Vanguard Group, Inc.	BUY	10.71	Ordinary	1,184	1,184
30-Jan-19	The Vanguard Group, Inc.	BUY	10.65	Ordinary	3,017	3,017
30-Jan-19	The Vanguard Group, Inc.	SELL	10.65	Ordinary	(6,966)	(6,966)
30-Jan-19	The Vanguard Group, Inc.	SELL	10.60	Ordinary	(13,027)	(13,027)
30-Jan-19	The Vanguard Group, Inc.	BUY	10.60	Ordinary	43,935	43,935
31-Jan-19	The Vanguard Group, Inc.	BUY	10.69	Ordinary	26,124	26,124
31-Jan-19	The Vanguard Group, Inc.	SELL	10.67	Ordinary	(8,060)	(8,060)
31-Jan-19	The Vanguard Group, Inc.	SELL	10.67	Ordinary	(19,737)	(19,737)
31-Jan-19	The Vanguard Group, Inc.	BUY	10.64	Ordinary	931	931
1-Feb-19	The Vanguard Group, Inc.	BUY	10.72	Ordinary	3,012	3,012
4-Feb-19	The Vanguard Group, Inc.	SELL	10.76	Ordinary	(11,284)	(11,284)
4-Feb-19	The Vanguard Group, Inc.	SELL	10.76	Ordinary	(12,896)	(12,896)
4-Feb-19	The Vanguard Group, Inc.	BUY	10.64	Ordinary	3,925	3,925
5-Feb-19	The Vanguard Group, Inc.	BUY	10.92	Ordinary	4,741	4,741
5-Feb-19	The Vanguard Group, Inc.	SELL	10.92	Ordinary	(11,284)	(11,284)
5-Feb-19	The Vanguard Group, Inc.	BUY	10.74	Ordinary	5,861	5,861
7-Feb-19	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(11,968)	(11,968)
7-Feb-19	The Vanguard Group, Inc.	BUY	11.20	Ordinary	8,620	8,620
7-Feb-19	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(12,896)	(12,896)
7-Feb-19	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(4,644)	(4,644)
7-Feb-19	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(4,644)	(4,644)
8-Feb-19	The Vanguard Group, Inc.	SELL	11.16	Ordinary	(15,093)	(15,093)
8-Feb-19	The Vanguard Group, Inc.	BUY	11.26	Ordinary	12,470	12,470
8-Feb-19	The Vanguard Group, Inc.	BUY	11.14	Ordinary	20,083	20,083
11-Feb-19	The Vanguard Group, Inc.	SELL	11.22	Ordinary	(10,449)	(10,449)
11-Feb-19	The Vanguard Group, Inc.	BUY	11.20	Ordinary	31,767	31,767
12-Feb-19	The Vanguard Group, Inc.	SELL	11.23	Ordinary	(82,772)	(82,772)
13-Feb-19	The Vanguard Group, Inc.	BUY	11.28	Ordinary	34,684	34,684
13-Feb-19	The Vanguard Group, Inc.	SELL	11.30	Ordinary	(6,966)	(6,966)
13-Feb-19	The Vanguard Group, Inc.	BUY	11.39	Ordinary	610	610
13-Feb-19	The Vanguard Group, Inc.	BUY	11.28	Ordinary	1,827	1,827
15-Feb-19	The Vanguard Group, Inc.	SELL	11.29	Ordinary	(3,224)	(3,224)
15-Feb-19	The Vanguard Group, Inc.	SELL	11.30	Ordinary	(499)	(499)
18-Feb-19	The Vanguard Group, Inc.	BUY	11.07	Ordinary	5,636	5,636
20-Feb-19	The Vanguard Group, Inc.	BUY	11.35	Ordinary	74,769	74,769
20-Feb-19	The Vanguard Group, Inc.	SELL	11.33	Ordinary	(12,304)	(12,304)
20-Feb-19	The Vanguard Group, Inc.	BUY	11.33	Ordinary	27,240	27,240
20-Feb-19	The Vanguard Group, Inc.	SELL	11.38	Ordinary	(2,298)	(2,298)
21-Feb-19	The Vanguard Group, Inc.	SELL	11.60	Ordinary	(11,284)	(11,284)
21-Feb-19	The Vanguard Group, Inc.	SELL	11.60	Ordinary	(5,805)	(5,805)
21-Feb-19	The Vanguard Group, Inc.	BUY	11.43	Ordinary	3,351	3,351
21-Feb-19	The Vanguard Group, Inc.	BUY	11.60	Ordinary	2,027	2,027
22-Feb-19	The Vanguard Group, Inc.	SELL	11.61	Ordinary	(46,748)	(46,748)
22-Feb-19	The Vanguard Group, Inc.	BUY	11.58	Ordinary	388	388
26-Feb-19	The Vanguard Group, Inc.	BUY	11.66	Ordinary	8,715	8,715
26-Feb-19	The Vanguard Group, Inc.	BUY	11.67	Ordinary	759	759
27-Feb-19	The Vanguard Group, Inc.	BUY	11.73	Ordinary	1,986	1,986
27-Feb-19	The Vanguard Group, Inc.	BUY	11.70	Ordinary	931	931
28-Feb-19	The Vanguard Group, Inc.	SELL	11.76	Ordinary	(25,976)	(25,976)
28-Feb-19	The Vanguard Group, Inc.	SELL	11.76	Ordinary	(116,526)	(116,526)
1-Mar-19	The Vanguard Group, Inc.	BUY	11.95	Ordinary	8,059	8,059
1-Mar-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(30,803)	(30,803)
1-Mar-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(3,385)	(3,385)
1-Mar-19	The Vanguard Group, Inc.	BUY	11.95	Ordinary	1,295	1,295
4-Mar-19	The Vanguard Group, Inc.	BUY	11.99	Ordinary	38,694	38,694
4-Mar-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(30,457)	(30,457)
4-Mar-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(3,663)	(3,663)
5-Mar-19	The Vanguard Group, Inc.	BUY	11.88	Ordinary	58,172	58,172
5-Mar-19	The Vanguard Group, Inc.	BUY	11.86	Ordinary	608	608
5-Mar-19	The Vanguard Group, Inc.	BUY	11.85	Ordinary	10,458	10,458
5-Mar-19	The Vanguard Group, Inc.	SELL	11.86	Ordinary	(7,732)	(7,732)
6-Mar-19	The Vanguard Group, Inc.	BUY	11.83	Ordinary	11,284	11,284
6-Mar-19	The Vanguard Group, Inc.	BUY	11.83	Ordinary	954	954
6-Mar-19	The Vanguard Group, Inc.	BUY	11.75	Ordinary	12,910	12,910
6-Mar-19	The Vanguard Group, Inc.	BUY	11.73	Ordinary	549	549
7-Mar-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(1,040,966)	(1,040,966)
7-Mar-19	The Vanguard Group, Inc.	SELL	11.96	Ordinary	(68,353)	(68,353)
7-Mar-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(101,557)	(101,557)
7-Mar-19	The Vanguard Group, Inc.	SELL	11.96	Ordinary	(6,669)	(6,669)

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
7-Mar-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(670)	(670)
7-Mar-19	The Vanguard Group, Inc.	SELL	11.96	Ordinary	(44)	(44)
8-Mar-19	The Vanguard Group, Inc.	BUY	11.93	Ordinary	8,715	8,715
8-Mar-19	The Vanguard Group, Inc.	SELL	11.98	Ordinary	(6,285)	(6,285)
8-Mar-19	The Vanguard Group, Inc.	SELL	11.94	Ordinary	(580,363)	(580,363)
8-Mar-19	The Vanguard Group, Inc.	SELL	11.98	Ordinary	(613)	(613)
8-Mar-19	The Vanguard Group, Inc.	SELL	11.94	Ordinary	(56,620)	(56,620)
8-Mar-19	The Vanguard Group, Inc.	BUY	11.95	Ordinary	864	864
8-Mar-19	The Vanguard Group, Inc.	SELL	11.94	Ordinary	(374)	(374)
8-Mar-19	The Vanguard Group, Inc.	SELL	11.98	Ordinary	(4)	(4)
11-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(26,379)	(26,379)
11-Mar-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(122,545)	(122,545)
11-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(2,574)	(2,574)
11-Mar-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(11,955)	(11,955)
11-Mar-19	The Vanguard Group, Inc.	BUY	11.89	Ordinary	931	931
11-Mar-19	The Vanguard Group, Inc.	SELL	11.84	Ordinary	(25,546)	(25,546)
11-Mar-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(79)	(79)
11-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(17)	(17)
12-Mar-19	The Vanguard Group, Inc.	BUY	11.87	Ordinary	117,619	117,619
12-Mar-19	The Vanguard Group, Inc.	BUY	11.87	Ordinary	2,261	2,261
12-Mar-19	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(1,811,842)	(1,811,842)
12-Mar-19	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(176,765)	(176,765)
12-Mar-19	The Vanguard Group, Inc.	SELL	11.83	Ordinary	(5,629)	(5,629)
12-Mar-19	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(1,167)	(1,167)
13-Mar-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(101,916)	(101,916)
13-Mar-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(9,943)	(9,943)
13-Mar-19	The Vanguard Group, Inc.	BUY	11.81	Ordinary	21,830	21,830
13-Mar-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(66)	(66)
14-Mar-19	The Vanguard Group, Inc.	SELL	11.87	Ordinary	(14,583)	(14,583)
14-Mar-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(205,278)	(205,278)
14-Mar-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(20,027)	(20,027)
14-Mar-19	The Vanguard Group, Inc.	BUY	11.87	Ordinary	623	623
14-Mar-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(132)	(132)
15-Mar-19	The Vanguard Group, Inc.	BUY	11.95	Ordinary	66,997	66,997
15-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(40,937)	(40,937)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(155,734)	(155,734)
15-Mar-19	The Vanguard Group, Inc.	BUY	11.92	Ordinary	320,948	320,948
15-Mar-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(199,936)	(199,936)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(19,505)	(19,505)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(2,469)	(2,469)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(650)	(650)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(2,651)	(2,651)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(698)	(698)
15-Mar-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(129)	(129)
18-Mar-19	The Vanguard Group, Inc.	BUY	11.94	Ordinary	6,034	6,034
19-Mar-19	The Vanguard Group, Inc.	BUY	11.94	Ordinary	11,243	11,243
19-Mar-19	The Vanguard Group, Inc.	BUY	11.94	Ordinary	426	426
20-Mar-19	The Vanguard Group, Inc.	BUY	11.90	Ordinary	5,229	5,229
21-Mar-19	The Vanguard Group, Inc.	BUY	12.02	Ordinary	864	864
21-Mar-19	The Vanguard Group, Inc.	BUY	12.06	Ordinary	1,621	1,621
21-Mar-19	The Vanguard Group, Inc.	BUY	11.96	Ordinary	708	708
22-Mar-19	The Vanguard Group, Inc.	BUY	12.15	Ordinary	59,596	59,596
22-Mar-19	The Vanguard Group, Inc.	BUY	12.13	Ordinary	22,816	22,816
26-Mar-19	The Vanguard Group, Inc.	BUY	11.85	Ordinary	80,591	80,591
27-Mar-19	The Vanguard Group, Inc.	SELL	11.85	Ordinary	(779)	(779)
28-Mar-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(4,703)	(4,703)
29-Mar-19	The Vanguard Group, Inc.	BUY	11.76	Ordinary	59,628	59,628
29-Mar-19	The Vanguard Group, Inc.	SELL	11.77	Ordinary	(8,060)	(8,060)
29-Mar-19	The Vanguard Group, Inc.	BUY	11.76	Ordinary	931	931
29-Mar-19	The Vanguard Group, Inc.	SELL	11.76	Ordinary	(21,522)	(21,522)
1-Apr-19	The Vanguard Group, Inc.	BUY	11.84	Ordinary	6,972	6,972
3-Apr-19	The Vanguard Group, Inc.	BUY	11.89	Ordinary	68,936	68,936
4-Apr-19	The Vanguard Group, Inc.	BUY	11.82	Ordinary	3,155	3,155
4-Apr-19	The Vanguard Group, Inc.	SELL	11.82	Ordinary	(12,171)	(12,171)
4-Apr-19	The Vanguard Group, Inc.	BUY	11.82	Ordinary	2,680	2,680
5-Apr-19	The Vanguard Group, Inc.	BUY	11.70	Ordinary	8,620	8,620
8-Apr-19	The Vanguard Group, Inc.	SELL	11.79	Ordinary	(19,344)	(19,344)
9-Apr-19	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(9,455)	(9,455)
10-Apr-19	The Vanguard Group, Inc.	BUY	11.80	Ordinary	38,274	38,274

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12-Apr-19	The Vanguard Group, Inc.	BUY	11.98	Ordinary	115,422	115,422
12-Apr-19	The Vanguard Group, Inc.	BUY	11.90	Ordinary	35,100	35,100
12-Apr-19	The Vanguard Group, Inc.	BUY	11.90	Ordinary	3,081	3,081
12-Apr-19	The Vanguard Group, Inc.	BUY	11.90	Ordinary	1,025	1,025
15-Apr-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(11,284)	(11,284)
16-Apr-19	The Vanguard Group, Inc.	BUY	11.94	Ordinary	59,002	59,002
16-Apr-19	The Vanguard Group, Inc.	BUY	11.80	Ordinary	1,074	1,074
16-Apr-19	The Vanguard Group, Inc.	BUY	11.83	Ordinary	931	931
16-Apr-19	The Vanguard Group, Inc.	BUY	11.94	Ordinary	365	365
18-Apr-19	The Vanguard Group, Inc.	BUY	11.91	Ordinary	399,109	399,109
18-Apr-19	The Vanguard Group, Inc.	BUY	11.87	Ordinary	20,201	20,201
23-Apr-19	The Vanguard Group, Inc.	BUY	11.97	Ordinary	7,758	7,758
23-Apr-19	The Vanguard Group, Inc.	SELL	11.97	Ordinary	(6,448)	(6,448)
23-Apr-19	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(8,392)	(8,392)
23-Apr-19	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(213)	(213)
24-Apr-19	The Vanguard Group, Inc.	SELL	12.08	Ordinary	(16,111)	(16,111)
24-Apr-19	The Vanguard Group, Inc.	BUY	12.08	Ordinary	1,215	1,215
25-Apr-19	The Vanguard Group, Inc.	SELL	12.08	Ordinary	(8,060)	(8,060)
26-Apr-19	The Vanguard Group, Inc.	BUY	12.28	Ordinary	8,715	8,715
26-Apr-19	The Vanguard Group, Inc.	SELL	12.28	Ordinary	(8,060)	(8,060)
26-Apr-19	The Vanguard Group, Inc.	SELL	12.08	Ordinary	(662)	(662)
30-Apr-19	The Vanguard Group, Inc.	BUY	12.05	Ordinary	1,635	1,635
1-May-19	The Vanguard Group, Inc.	BUY	12.17	Ordinary	322,704	322,704
3-May-19	The Vanguard Group, Inc.	BUY	12.23	Ordinary	1,950	1,950
3-May-19	The Vanguard Group, Inc.	BUY	12.24	Ordinary	3,155	3,155
6-May-19	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(8,976)	(8,976)
7-May-19	The Vanguard Group, Inc.	BUY	12.14	Ordinary	2,038	2,038
7-May-19	The Vanguard Group, Inc.	BUY	12.01	Ordinary	4,310	4,310
7-May-19	The Vanguard Group, Inc.	BUY	12.14	Ordinary	29,931	29,931
7-May-19	The Vanguard Group, Inc.	BUY	12.11	Ordinary	3,155	3,155
8-May-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(8,976)	(8,976)
8-May-19	The Vanguard Group, Inc.	BUY	11.95	Ordinary	1,635	1,635
8-May-19	The Vanguard Group, Inc.	BUY	12.02	Ordinary	9,564	9,564
8-May-19	The Vanguard Group, Inc.	BUY	11.95	Ordinary	864	864
8-May-19	The Vanguard Group, Inc.	BUY	12.02	Ordinary	311	311
9-May-19	The Vanguard Group, Inc.	BUY	12.19	Ordinary	10,458	10,458
10-May-19	The Vanguard Group, Inc.	BUY	12.10	Ordinary	3,552	3,552
10-May-19	The Vanguard Group, Inc.	BUY	12.27	Ordinary	864	864
10-May-19	The Vanguard Group, Inc.	SELL	12.27	Ordinary	(25,909)	(25,909)
10-May-19	The Vanguard Group, Inc.	BUY	12.27	Ordinary	1,296	1,296
13-May-19	The Vanguard Group, Inc.	BUY	12.28	Ordinary	15,827	15,827
13-May-19	The Vanguard Group, Inc.	BUY	12.41	Ordinary	4,222	4,222
14-May-19	The Vanguard Group, Inc.	SELL	12.30	Ordinary	(8,976)	(8,976)
14-May-19	The Vanguard Group, Inc.	BUY	12.30	Ordinary	4,644	4,644
14-May-19	The Vanguard Group, Inc.	BUY	12.29	Ordinary	931	931
15-May-19	The Vanguard Group, Inc.	BUY	12.35	Ordinary	174,249	174,249
15-May-19	The Vanguard Group, Inc.	BUY	12.36	Ordinary	21,015	21,015
16-May-19	The Vanguard Group, Inc.	BUY	12.35	Ordinary	11,729	11,729
16-May-19	The Vanguard Group, Inc.	BUY	12.51	Ordinary	248,101	248,101
22-Nov-18	Vanguard Investments Australia Ltd	BUY	10.52	Ordinary	20,314	20,314
23-Nov-18	Vanguard Investments Australia Ltd	BUY	10.43	Ordinary	33,160	33,160
29-Nov-18	Vanguard Investments Australia Ltd	BUY	10.48	Ordinary	16,115	16,115
3-Dec-18	Vanguard Investments Australia Ltd	BUY	10.26	Ordinary	19,045	19,045
3-Dec-18	Vanguard Investments Australia Ltd	BUY	10.26	Ordinary	25,253	25,253
4-Dec-18	Vanguard Investments Australia Ltd	BUY	10.24	Ordinary	260,448	260,448
7-Dec-18	Vanguard Investments Australia Ltd	BUY	10.36	Ordinary	29,630	29,630
11-Dec-18	Vanguard Investments Australia Ltd	BUY	10.13	Ordinary	17,580	17,580
11-Dec-18	Vanguard Investments Australia Ltd	BUY	10.13	Ordinary	29,300	29,300
12-Dec-18	Vanguard Investments Australia Ltd	BUY	10.10	Ordinary	1,132,667	1,132,667
14-Dec-18	Vanguard Investments Australia Ltd	SELL	9.90	Ordinary	(8,790)	(8,790)
20-Dec-18	Vanguard Investments Australia Ltd	SELL	10.08	Ordinary	(8,352)	(8,352)
21-Dec-18	Vanguard Investments Australia Ltd	SELL	10.02	Ordinary	(13,709)	(13,709)
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	55,054	55,054
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	5,112	5,112
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	11,159	11,159
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	35,310	35,310
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	23,574	23,574
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	55,610	55,610
21-Dec-18	Vanguard Investments Australia Ltd	BUY	10.03	Ordinary	112,452	112,452

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
24-Dec-18	Vanguard Investments Australia Ltd	BUY	9.90	Ordinary	15,831	15,831
24-Dec-18	Vanguard Investments Australia Ltd	BUY	9.90	Ordinary	10,153	10,153
24-Dec-18	Vanguard Investments Australia Ltd	BUY	9.90	Ordinary	15,991	15,991
24-Dec-18	Vanguard Investments Australia Ltd	BUY	9.90	Ordinary	32,338	32,338
27-Dec-18	Vanguard Investments Australia Ltd	BUY	10.18	Ordinary	8,784	8,784
31-Dec-18	Vanguard Investments Australia Ltd	BUY	10.17	Ordinary	19,043	19,043
31-Dec-18	Vanguard Investments Australia Ltd	SELL	10.15	Ordinary	(1,498)	(1,498)
3-Jan-19	Vanguard Investments Australia Ltd	BUY	10.06	Ordinary	15,839	15,839
4-Jan-19	Vanguard Investments Australia Ltd	BUY	10.02	Ordinary	3,962	3,962
8-Jan-19	Vanguard Investments Australia Ltd	BUY	10.24	Ordinary	14,560	14,560
10-Jan-19	Vanguard Investments Australia Ltd	BUY	10.48	Ordinary	1,124	1,124
11-Jan-19	Vanguard Investments Australia Ltd	BUY	10.53	Ordinary	17,508	17,508
11-Jan-19	Vanguard Investments Australia Ltd	BUY	10.54	Ordinary	25,421	25,421
18-Jan-19	Vanguard Investments Australia Ltd	BUY	10.64	Ordinary	2,466	2,466
18-Jan-19	Vanguard Investments Australia Ltd	BUY	10.60	Ordinary	5,512	5,512
18-Jan-19	Vanguard Investments Australia Ltd	BUY	10.60	Ordinary	24,693	24,693
21-Jan-19	Vanguard Investments Australia Ltd	SELL	10.67	Ordinary	(14,914)	(14,914)
22-Jan-19	Vanguard Investments Australia Ltd	SELL	10.72	Ordinary	(11,041)	(11,041)
29-Jan-19	Vanguard Investments Australia Ltd	SELL	10.71	Ordinary	(13,294)	(13,294)
29-Jan-19	Vanguard Investments Australia Ltd	BUY	10.71	Ordinary	26,066	26,066
30-Jan-19	Vanguard Investments Australia Ltd	BUY	10.60	Ordinary	5,828	5,828
30-Jan-19	Vanguard Investments Australia Ltd	BUY	10.57	Ordinary	29,271	29,271
1-Feb-19	Vanguard Investments Australia Ltd	SELL	10.71	Ordinary	(6,481)	(6,481)
1-Feb-19	Vanguard Investments Australia Ltd	BUY	10.71	Ordinary	41,919	41,919
4-Feb-19	Vanguard Investments Australia Ltd	BUY	10.72	Ordinary	32,975	32,975
5-Feb-19	Vanguard Investments Australia Ltd	SELL	10.88	Ordinary	(101,990)	(101,990)
12-Feb-19	Vanguard Investments Australia Ltd	SELL	11.23	Ordinary	(23,682)	(23,682)
13-Feb-19	Vanguard Investments Australia Ltd	BUY	11.28	Ordinary	61,186	61,186
19-Feb-19	Vanguard Investments Australia Ltd	BUY	11.39	Ordinary	16,027	16,027
20-Feb-19	Vanguard Investments Australia Ltd	SELL	11.33	Ordinary	(17,746)	(17,746)
25-Feb-19	Vanguard Investments Australia Ltd	BUY	11.93	Ordinary	47,122	47,122
26-Feb-19	Vanguard Investments Australia Ltd	SELL	11.66	Ordinary	(45,694)	(45,694)
26-Feb-19	Vanguard Investments Australia Ltd	BUY	11.67	Ordinary	14,570	14,570
28-Feb-19	Vanguard Investments Australia Ltd	BUY	11.75	Ordinary	3,365	3,365
5-Mar-19	Vanguard Investments Australia Ltd	BUY	11.86	Ordinary	95,488	95,488
6-Mar-19	Vanguard Investments Australia Ltd	BUY	11.86	Ordinary	1,150	1,150
15-Mar-19	Vanguard Investments Australia Ltd	BUY	11.92	Ordinary	15,267	15,267
15-Mar-19	Vanguard Investments Australia Ltd	BUY	11.92	Ordinary	44,297	44,297
15-Mar-19	Vanguard Investments Australia Ltd	BUY	11.92	Ordinary	4,610	4,610
15-Mar-19	Vanguard Investments Australia Ltd	SELL	11.92	Ordinary	(10,883)	(10,883)
15-Mar-19	Vanguard Investments Australia Ltd	BUY	11.92	Ordinary	24,758	24,758
15-Mar-19	Vanguard Investments Australia Ltd	BUY	11.92	Ordinary	43,402	43,402
15-Mar-19	Vanguard Investments Australia Ltd	BUY	11.92	Ordinary	28,520	28,520
19-Mar-19	Vanguard Investments Australia Ltd	SELL	11.94	Ordinary	(8,729)	(8,729)
21-Mar-19	Vanguard Investments Australia Ltd	SELL	12.06	Ordinary	(12,342)	(12,342)
21-Mar-19	Vanguard Investments Australia Ltd	BUY	12.06	Ordinary	17,928	17,928
22-Mar-19	Vanguard Investments Australia Ltd	BUY	12.11	Ordinary	27,447	27,447
29-Mar-19	Vanguard Investments Australia Ltd	SELL	11.76	Ordinary	(974)	(974)
1-Apr-19	Vanguard Investments Australia Ltd	BUY	11.80	Ordinary	45,069	45,069
1-Apr-19	Vanguard Investments Australia Ltd	BUY	11.80	Ordinary	3,583	3,583
1-Apr-19	Vanguard Investments Australia Ltd	SELL	11.80	Ordinary	(94,155)	(94,155)
1-Apr-19	Vanguard Investments Australia Ltd	SELL	11.80	Ordinary	(1,856)	(1,856)
1-Apr-19	Vanguard Investments Australia Ltd	BUY	11.80	Ordinary	28,726	28,726
2-Apr-19	Vanguard Investments Australia Ltd	BUY	11.87	Ordinary	4,861	4,861
2-Apr-19	Vanguard Investments Australia Ltd	BUY	11.87	Ordinary	11,588	11,588
2-Apr-19	Vanguard Investments Australia Ltd	BUY	11.87	Ordinary	24,206	24,206
2-Apr-19	Vanguard Investments Australia Ltd	BUY	11.87	Ordinary	38,274	38,274
2-Apr-19	Vanguard Investments Australia Ltd	BUY	11.80	Ordinary	10,262	10,262
3-Apr-19	Vanguard Investments Australia Ltd	SELL	11.95	Ordinary	(1,895)	(1,895)
5-Apr-19	Vanguard Investments Australia Ltd	BUY	11.69	Ordinary	10,449	10,449
8-Apr-19	Vanguard Investments Australia Ltd	BUY	11.79	Ordinary	11,728	11,728
8-Apr-19	Vanguard Investments Australia Ltd	BUY	11.79	Ordinary	644	644
9-Apr-19	Vanguard Investments Australia Ltd	SELL	11.74	Ordinary	(3,450)	(3,450)
9-Apr-19	Vanguard Investments Australia Ltd	BUY	11.74	Ordinary	473,121	473,121
11-Apr-19	Vanguard Investments Australia Ltd	BUY	11.84	Ordinary	28,817	28,817
12-Apr-19	Vanguard Investments Australia Ltd	SELL	11.98	Ordinary	(4,828)	(4,828)
16-Apr-19	Vanguard Investments Australia Ltd	BUY	11.83	Ordinary	87,136	87,136
30-Apr-19	Vanguard Investments Australia Ltd	SELL	12.05	Ordinary	(23,504)	(23,504)
30-Apr-19	Vanguard Investments Australia Ltd	BUY	12.05	Ordinary	17,472	17,472

## 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
1-May-19	Vanguard Investments Australia Ltd	BUY	12.16	Ordinary	2,875	2,875
1-May-19	Vanguard Investments Australia Ltd	BUY	12.16	Ordinary	25,661	25,661
1-May-19	Vanguard Investments Australia Ltd	BUY	12.16	Ordinary	4,929	4,929
1-May-19	Vanguard Investments Australia Ltd	BUY	12.16	Ordinary	43,980	43,980
1-May-19	Vanguard Investments Australia Ltd	BUY	12.16	Ordinary	9,259	9,259
1-May-19	Vanguard Investments Australia Ltd	BUY	12.16	Ordinary	82,635	82,635
3-May-19	Vanguard Investments Australia Ltd	SELL	12.24	Ordinary	(14,728)	(14,728)
6-May-19	Vanguard Investments Australia Ltd	BUY	12.03	Ordinary	21,812	21,812
7-May-19	Vanguard Investments Australia Ltd	SELL	12.06	Ordinary	(3,756)	(3,756)
10-May-19	Vanguard Investments Australia Ltd	BUY	12.22	Ordinary	3,752	3,752
10-May-19	Vanguard Investments Australia Ltd	BUY	12.22	Ordinary	3,887	3,887
10-May-19	Vanguard Investments Australia Ltd	BUY	12.22	Ordinary	2,396	2,396
10-May-19	Vanguard Investments Australia Ltd	BUY	12.27	Ordinary	12,987	12,987
14-May-19	Vanguard Investments Australia Ltd	SELL	12.26	Ordinary	(3,632)	(3,632)
16-May-19	Vanguard Investments Australia Ltd	BUY	12.50	Ordinary	27,289	27,289
17-May-19	Vanguard Investments Australia Ltd	BUY	12.58	Ordinary	1,010	1,010

This is Annexure A of 7 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature: \_\_\_\_\_

Name: Shawn Acker

Capacity: Compliance Manager

Date: 24-May-19