

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

## Notice of change of interests of substantial holder

To Company Name/Scheme Australia and New Zealand Banking Group Limited  
ACN/ARSN 005 357 522

### 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 March 2020

The previous notice was given to the company on 05 July 2018

The previous notice was dated 05 July 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)
<b>Total</b>	<b>144,730,016</b>	<b>5.001%</b>	<b>170,502,797</b>	<b>6.012%</b>

### 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
<b>See Annexure A</b>					

### 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>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 – 7,342,725</b>	<b>7,342,725</b>
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 – 8,219,770</b>	<b>8,219,770</b>
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 – 65,639</b>	<b>65,639</b>
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 – 87,043,930</b>	<b>87,043,930</b>
Vanguard Group	<b>State Street Bank and Trust Company</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 – 21,135,202</b>	<b>21,135,202</b>
Vanguard Group	<b>Various Others</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 – 46,695,531</b>	<b>46,695,531</b>

**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 Compliance Manager

sign here  date 20 March 2020

<b>To Company</b>	Australia and New Zealand Banking Group Limited
<b>ACN/ARSN</b>	005 357 522
<b>Substantial Holder Name</b>	Vanguard Group
<b>ACN/ARSN</b>	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
3-Jul-18	The Vanguard Group, Inc.	Buy	27.96	Ordinary	73,080	73,080
3-Jul-18	The Vanguard Group, Inc.	Buy	27.97	Ordinary	1,810	1,810
3-Jul-18	The Vanguard Group, Inc.	Buy	27.97	Ordinary	2,592	2,592
4-Jul-18	The Vanguard Group, Inc.	Buy	28.10	Ordinary	74,759	74,759
4-Jul-18	The Vanguard Group, Inc.	Buy	28.10	Ordinary	20,771	20,771
4-Jul-18	The Vanguard Group, Inc.	Sell	28.10	Ordinary	(14,360)	(14,360)
5-Jul-18	The Vanguard Group, Inc.	Buy	28.43	Ordinary	91,259	91,259
5-Jul-18	The Vanguard Group, Inc.	Buy	28.43	Ordinary	1,810	1,810
6-Jul-18	The Vanguard Group, Inc.	Buy	29.03	Ordinary	4,344	4,344
6-Jul-18	The Vanguard Group, Inc.	Buy	28.99	Ordinary	16,925	16,925
6-Jul-18	The Vanguard Group, Inc.	Buy	28.50	Ordinary	236	236
10-Jul-18	The Vanguard Group, Inc.	Buy	29.26	Ordinary	1,341	1,341
11-Jul-18	The Vanguard Group, Inc.	Buy	28.61	Ordinary	36,630	36,630
11-Jul-18	The Vanguard Group, Inc.	Sell	28.65	Ordinary	(1,243)	(1,243)
11-Jul-18	The Vanguard Group, Inc.	Buy	28.61	Ordinary	1,895	1,895
12-Jul-18	The Vanguard Group, Inc.	Sell	29.24	Ordinary	(12,448)	(12,448)
12-Jul-18	The Vanguard Group, Inc.	Sell	28.73	Ordinary	(1,488)	(1,488)
12-Jul-18	The Vanguard Group, Inc.	Sell	29.20	Ordinary	(46,819)	(46,819)
13-Jul-18	The Vanguard Group, Inc.	Buy	29.01	Ordinary	46	46
17-Jul-18	The Vanguard Group, Inc.	Buy	28.98	Ordinary	37,414	37,414
17-Jul-18	The Vanguard Group, Inc.	Buy	28.93	Ordinary	1,576	1,576
18-Jul-18	The Vanguard Group, Inc.	Buy	29.02	Ordinary	51,698	51,698
19-Jul-18	The Vanguard Group, Inc.	Buy	29.20	Ordinary	33,462	33,462
19-Jul-18	The Vanguard Group, Inc.	Buy	29.21	Ordinary	1,105	1,105
20-Jul-18	The Vanguard Group, Inc.	Buy	29.31	Ordinary	43,008	43,008
20-Jul-18	The Vanguard Group, Inc.	Buy	29.27	Ordinary	4,090	4,090
20-Jul-18	The Vanguard Group, Inc.	Sell	29.36	Ordinary	(14,140)	(14,140)
20-Jul-18	The Vanguard Group, Inc.	Buy	29.36	Ordinary	18,737	18,737
23-Jul-18	The Vanguard Group, Inc.	Sell	29.19	Ordinary	(8,346)	(8,346)
24-Jul-18	The Vanguard Group, Inc.	Buy	29.38	Ordinary	30,422	30,422
24-Jul-18	The Vanguard Group, Inc.	Sell	29.38	Ordinary	(1,272)	(1,272)
24-Jul-18	The Vanguard Group, Inc.	Buy	29.22	Ordinary	1,105	1,105
25-Jul-18	The Vanguard Group, Inc.	Sell	29.17	Ordinary	(41,730)	(41,730)
25-Jul-18	The Vanguard Group, Inc.	Sell	29.17	Ordinary	(5,564)	(5,564)
25-Jul-18	The Vanguard Group, Inc.	Sell	29.17	Ordinary	(8,346)	(8,346)
25-Jul-18	The Vanguard Group, Inc.	Sell	29.12	Ordinary	(2,154)	(2,154)
25-Jul-18	The Vanguard Group, Inc.	Buy	29.12	Ordinary	1,328	1,328
26-Jul-18	The Vanguard Group, Inc.	Buy	29.08	Ordinary	344	344
27-Jul-18	The Vanguard Group, Inc.	Sell	29.48	Ordinary	(15,616)	(15,616)
30-Jul-18	The Vanguard Group, Inc.	Sell	29.32	Ordinary	(14,205)	(14,205)
31-Jul-18	The Vanguard Group, Inc.	Buy	29.36	Ordinary	57,025	57,025
31-Jul-18	The Vanguard Group, Inc.	Sell	29.26	Ordinary	(4,320)	(4,320)
1-Aug-18	The Vanguard Group, Inc.	Buy	29.12	Ordinary	113,445	113,445
1-Aug-18	The Vanguard Group, Inc.	Sell	29.30	Ordinary	(813)	(813)
2-Aug-18	The Vanguard Group, Inc.	Sell	29.00	Ordinary	(27,820)	(27,820)
2-Aug-18	The Vanguard Group, Inc.	Buy	28.91	Ordinary	2,819	2,819
3-Aug-18	The Vanguard Group, Inc.	Buy	28.93	Ordinary	62,357	62,357
3-Aug-18	The Vanguard Group, Inc.	Sell	28.64	Ordinary	(9,097)	(9,097)
3-Aug-18	The Vanguard Group, Inc.	Buy	28.64	Ordinary	2,167	2,167
7-Aug-18	The Vanguard Group, Inc.	Buy	29.00	Ordinary	98,294	98,294
8-Aug-18	The Vanguard Group, Inc.	Buy	29.17	Ordinary	39,801	39,801
8-Aug-18	The Vanguard Group, Inc.	Buy	29.17	Ordinary	16,858	16,858
8-Aug-18	The Vanguard Group, Inc.	Sell	29.25	Ordinary	(782)	(782)
9-Aug-18	The Vanguard Group, Inc.	Buy	28.94	Ordinary	12,088	12,088
9-Aug-18	The Vanguard Group, Inc.	Sell	29.20	Ordinary	(7,776)	(7,776)
9-Aug-18	The Vanguard Group, Inc.	Buy	29.17	Ordinary	4,676	4,676
9-Aug-18	The Vanguard Group, Inc.	Buy	29.17	Ordinary	442	442
10-Aug-18	The Vanguard Group, Inc.	Sell	29.30	Ordinary	(66,768)	(66,768)

## 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
10-Aug-18	The Vanguard Group, Inc.	Sell	29.30	Ordinary	(7,776)	(7,776)
10-Aug-18	The Vanguard Group, Inc.	Sell	29.30	Ordinary	(4,320)	(4,320)
10-Aug-18	The Vanguard Group, Inc.	Sell	29.31	Ordinary	(63,040)	(63,040)
10-Aug-18	The Vanguard Group, Inc.	Buy	29.31	Ordinary	2,392	2,392
13-Aug-18	The Vanguard Group, Inc.	Buy	29.23	Ordinary	210	210
14-Aug-18	The Vanguard Group, Inc.	Buy	29.50	Ordinary	89,509	89,509
14-Aug-18	The Vanguard Group, Inc.	Sell	29.72	Ordinary	(15,552)	(15,552)
14-Aug-18	The Vanguard Group, Inc.	Sell	29.64	Ordinary	(7,276)	(7,276)
15-Aug-18	The Vanguard Group, Inc.	Sell	30.04	Ordinary	(33,384)	(33,384)
15-Aug-18	The Vanguard Group, Inc.	Buy	29.86	Ordinary	75,272	75,272
15-Aug-18	The Vanguard Group, Inc.	Buy	29.86	Ordinary	11,999	11,999
16-Aug-18	The Vanguard Group, Inc.	Buy	30.10	Ordinary	99,681	99,681
16-Aug-18	The Vanguard Group, Inc.	Buy	30.12	Ordinary	5,388	5,388
16-Aug-18	The Vanguard Group, Inc.	Sell	30.06	Ordinary	(61,724)	(61,724)
16-Aug-18	The Vanguard Group, Inc.	Buy	30.10	Ordinary	183	183
16-Aug-18	The Vanguard Group, Inc.	Buy	30.06	Ordinary	2,180	2,180
17-Aug-18	The Vanguard Group, Inc.	Buy	30.28	Ordinary	2,863	2,863
17-Aug-18	The Vanguard Group, Inc.	Buy	30.21	Ordinary	105,502	105,502
17-Aug-18	The Vanguard Group, Inc.	Buy	30.21	Ordinary	3,418	3,418
17-Aug-18	The Vanguard Group, Inc.	Buy	30.21	Ordinary	8,214	8,214
20-Aug-18	The Vanguard Group, Inc.	Buy	30.17	Ordinary	78,498	78,498
20-Aug-18	The Vanguard Group, Inc.	Buy	30.17	Ordinary	13,868	13,868
21-Aug-18	The Vanguard Group, Inc.	Buy	29.78	Ordinary	49,951	49,951
21-Aug-18	The Vanguard Group, Inc.	Buy	29.52	Ordinary	3,456	3,456
21-Aug-18	The Vanguard Group, Inc.	Buy	29.78	Ordinary	8,689	8,689
21-Aug-18	The Vanguard Group, Inc.	Buy	29.51	Ordinary	2,419	2,419
21-Aug-18	The Vanguard Group, Inc.	Buy	29.51	Ordinary	2,202	2,202
22-Aug-18	The Vanguard Group, Inc.	Buy	29.37	Ordinary	23,856	23,856
23-Aug-18	The Vanguard Group, Inc.	Buy	29.10	Ordinary	70,207	70,207
24-Aug-18	The Vanguard Group, Inc.	Buy	28.51	Ordinary	4,499	4,499
27-Aug-18	The Vanguard Group, Inc.	Buy	28.58	Ordinary	4,787	4,787
27-Aug-18	The Vanguard Group, Inc.	Buy	28.58	Ordinary	4,320	4,320
28-Aug-18	The Vanguard Group, Inc.	Buy	28.78	Ordinary	1,105	1,105
29-Aug-18	The Vanguard Group, Inc.	Buy	28.99	Ordinary	155	155
31-Aug-18	The Vanguard Group, Inc.	Buy	29.46	Ordinary	23,400	23,400
31-Aug-18	The Vanguard Group, Inc.	Sell	29.50	Ordinary	(1,536)	(1,536)
31-Aug-18	The Vanguard Group, Inc.	Sell	29.50	Ordinary	(20,592)	(20,592)
31-Aug-18	The Vanguard Group, Inc.	Sell	29.50	Ordinary	(60,894)	(60,894)
5-Sep-18	The Vanguard Group, Inc.	Buy	28.73	Ordinary	25,842	25,842
5-Sep-18	The Vanguard Group, Inc.	Sell	28.78	Ordinary	(1,237)	(1,237)
5-Sep-18	The Vanguard Group, Inc.	Sell	28.59	Ordinary	(2,132)	(2,132)
6-Sep-18	The Vanguard Group, Inc.	Buy	28.49	Ordinary	129,310	129,310
6-Sep-18	The Vanguard Group, Inc.	Buy	28.53	Ordinary	2,510	2,510
7-Sep-18	The Vanguard Group, Inc.	Buy	28.40	Ordinary	41,672	41,672
7-Sep-18	The Vanguard Group, Inc.	Buy	28.52	Ordinary	58,329	58,329
7-Sep-18	The Vanguard Group, Inc.	Buy	28.40	Ordinary	12,448	12,448
7-Sep-18	The Vanguard Group, Inc.	Buy	28.40	Ordinary	8,640	8,640
7-Sep-18	The Vanguard Group, Inc.	Buy	28.40	Ordinary	2,592	2,592
7-Sep-18	The Vanguard Group, Inc.	Buy	28.40	Ordinary	458	458
10-Sep-18	The Vanguard Group, Inc.	Buy	28.26	Ordinary	5,428	5,428
11-Sep-18	The Vanguard Group, Inc.	Buy	28.45	Ordinary	52,906	52,906
12-Sep-18	The Vanguard Group, Inc.	Buy	28.43	Ordinary	77,965	77,965
12-Sep-18	The Vanguard Group, Inc.	Buy	28.32	Ordinary	18,672	18,672
12-Sep-18	The Vanguard Group, Inc.	Buy	28.32	Ordinary	8,640	8,640
12-Sep-18	The Vanguard Group, Inc.	Sell	28.48	Ordinary	(1,185)	(1,185)
12-Sep-18	The Vanguard Group, Inc.	Sell	28.37	Ordinary	(186,584)	(186,584)
14-Sep-18	The Vanguard Group, Inc.	Buy	28.16	Ordinary	41,419	41,419
14-Sep-18	The Vanguard Group, Inc.	Buy	28.16	Ordinary	340	340
17-Sep-18	The Vanguard Group, Inc.	Buy	28.40	Ordinary	23,855	23,855
18-Sep-18	The Vanguard Group, Inc.	Buy	28.39	Ordinary	2,469	2,469
20-Sep-18	The Vanguard Group, Inc.	Buy	28.61	Ordinary	9,056	9,056
20-Sep-18	The Vanguard Group, Inc.	Buy	28.42	Ordinary	495	495
21-Sep-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(13,772)	(13,772)
21-Sep-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(67,423)	(67,423)
21-Sep-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(102,015)	(102,015)

## 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
21-Sep-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(32,376)	(32,376)
21-Sep-18	The Vanguard Group, Inc.	Sell	28.47	Ordinary	(18,484)	(18,484)
21-Sep-18	The Vanguard Group, Inc.	Buy	28.46	Ordinary	591	591
21-Sep-18	The Vanguard Group, Inc.	Buy	28.46	Ordinary	15	15
21-Sep-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(1,254)	(1,254)
21-Sep-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(1,333)	(1,333)
21-Sep-18	The Vanguard Group, Inc.	Buy	28.46	Ordinary	538	538
25-Sep-18	The Vanguard Group, Inc.	Buy	28.22	Ordinary	92,854	92,854
25-Sep-18	The Vanguard Group, Inc.	Buy	28.50	Ordinary	25,978	25,978
26-Sep-18	The Vanguard Group, Inc.	Buy	27.88	Ordinary	25,576	25,576
26-Sep-18	The Vanguard Group, Inc.	Buy	27.88	Ordinary	31,970	31,970
26-Sep-18	The Vanguard Group, Inc.	Buy	27.88	Ordinary	12,788	12,788
26-Sep-18	The Vanguard Group, Inc.	Sell	28.23	Ordinary	(2,901)	(2,901)
26-Sep-18	The Vanguard Group, Inc.	Buy	27.96	Ordinary	846	846
26-Sep-18	The Vanguard Group, Inc.	Sell	27.96	Ordinary	(394)	(394)
26-Sep-18	The Vanguard Group, Inc.	Sell	27.96	Ordinary	(776)	(776)
27-Sep-18	The Vanguard Group, Inc.	Sell	27.83	Ordinary	(10,571)	(10,571)
27-Sep-18	The Vanguard Group, Inc.	Buy	27.79	Ordinary	2,645	2,645
27-Sep-18	The Vanguard Group, Inc.	Buy	27.86	Ordinary	154	154
27-Sep-18	The Vanguard Group, Inc.	Buy	27.86	Ordinary	7,559	7,559
28-Sep-18	The Vanguard Group, Inc.	Buy	28.18	Ordinary	849	849
1-Oct-18	The Vanguard Group, Inc.	Buy	27.69	Ordinary	19,182	19,182
2-Oct-18	The Vanguard Group, Inc.	Buy	27.68	Ordinary	71,203	71,203
2-Oct-18	The Vanguard Group, Inc.	Buy	27.52	Ordinary	51,152	51,152
2-Oct-18	The Vanguard Group, Inc.	Sell	27.80	Ordinary	(1,113)	(1,113)
2-Oct-18	The Vanguard Group, Inc.	Sell	27.80	Ordinary	(18,815)	(18,815)
2-Oct-18	The Vanguard Group, Inc.	Sell	27.52	Ordinary	(9,105)	(9,105)
3-Oct-18	The Vanguard Group, Inc.	Buy	27.47	Ordinary	19,182	19,182
3-Oct-18	The Vanguard Group, Inc.	Buy	27.47	Ordinary	11,676	11,676
3-Oct-18	The Vanguard Group, Inc.	Buy	27.49	Ordinary	3,116	3,116
3-Oct-18	The Vanguard Group, Inc.	Buy	27.49	Ordinary	395	395
4-Oct-18	The Vanguard Group, Inc.	Buy	27.68	Ordinary	55,326	55,326
5-Oct-18	The Vanguard Group, Inc.	Buy	27.68	Ordinary	48,508	48,508
8-Oct-18	The Vanguard Group, Inc.	Buy	27.47	Ordinary	26,004	26,004
8-Oct-18	The Vanguard Group, Inc.	Buy	26.97	Ordinary	7,688	7,688
9-Oct-18	The Vanguard Group, Inc.	Buy	27.12	Ordinary	36,354	36,354
9-Oct-18	The Vanguard Group, Inc.	Buy	26.82	Ordinary	33,082	33,082
11-Oct-18	The Vanguard Group, Inc.	Buy	25.73	Ordinary	16,554	16,554
11-Oct-18	The Vanguard Group, Inc.	Buy	26.01	Ordinary	3,361	3,361
12-Oct-18	The Vanguard Group, Inc.	Buy	25.81	Ordinary	82,131	82,131
12-Oct-18	The Vanguard Group, Inc.	Buy	25.80	Ordinary	16,790	16,790
15-Oct-18	The Vanguard Group, Inc.	Buy	25.41	Ordinary	27,590	27,590
15-Oct-18	The Vanguard Group, Inc.	Buy	25.43	Ordinary	563	563
16-Oct-18	The Vanguard Group, Inc.	Buy	25.55	Ordinary	91,319	91,319
16-Oct-18	The Vanguard Group, Inc.	Sell	25.43	Ordinary	(1,185)	(1,185)
16-Oct-18	The Vanguard Group, Inc.	Buy	25.55	Ordinary	10,954	10,954
17-Oct-18	The Vanguard Group, Inc.	Buy	25.88	Ordinary	57,966	57,966
18-Oct-18	The Vanguard Group, Inc.	Buy	26.00	Ordinary	63,443	63,443
18-Oct-18	The Vanguard Group, Inc.	Buy	26.00	Ordinary	24,549	24,549
18-Oct-18	The Vanguard Group, Inc.	Sell	25.88	Ordinary	(1,576)	(1,576)
18-Oct-18	The Vanguard Group, Inc.	Buy	26.00	Ordinary	256	256
19-Oct-18	The Vanguard Group, Inc.	Buy	26.00	Ordinary	16,554	16,554
19-Oct-18	The Vanguard Group, Inc.	Buy	26.00	Ordinary	19,182	19,182
22-Oct-18	The Vanguard Group, Inc.	Buy	25.79	Ordinary	337	337
23-Oct-18	The Vanguard Group, Inc.	Buy	25.54	Ordinary	60,171	60,171
23-Oct-18	The Vanguard Group, Inc.	Buy	25.29	Ordinary	18,075	18,075
24-Oct-18	The Vanguard Group, Inc.	Buy	25.31	Ordinary	27,963	27,963
24-Oct-18	The Vanguard Group, Inc.	Sell	25.04	Ordinary	(6,727)	(6,727)
24-Oct-18	The Vanguard Group, Inc.	Buy	25.45	Ordinary	335	335
25-Oct-18	The Vanguard Group, Inc.	Buy	25.05	Ordinary	78,131	78,131
25-Oct-18	The Vanguard Group, Inc.	Buy	24.99	Ordinary	15,985	15,985
25-Oct-18	The Vanguard Group, Inc.	Buy	25.05	Ordinary	24,469	24,469
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	7,954	7,954
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	77,461	77,461
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	94,354	94,354

## 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
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	36,763	36,763
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	17,746	17,746
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	1,706	1,706
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	9,281	9,281
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	7,269	7,269
26-Oct-18	The Vanguard Group, Inc.	Buy	24.91	Ordinary	3,301	3,301
30-Oct-18	The Vanguard Group, Inc.	Buy	25.22	Ordinary	48,441	48,441
30-Oct-18	The Vanguard Group, Inc.	Buy	25.66	Ordinary	46,305	46,305
31-Oct-18	The Vanguard Group, Inc.	Buy	25.89	Ordinary	42,194	42,194
31-Oct-18	The Vanguard Group, Inc.	Buy	25.89	Ordinary	24,117	24,117
31-Oct-18	The Vanguard Group, Inc.	Buy	25.99	Ordinary	22,379	22,379
31-Oct-18	The Vanguard Group, Inc.	Buy	25.93	Ordinary	768	768
31-Oct-18	The Vanguard Group, Inc.	Buy	25.93	Ordinary	4,961	4,961
1-Nov-18	The Vanguard Group, Inc.	Buy	26.16	Ordinary	91,916	91,916
1-Nov-18	The Vanguard Group, Inc.	Buy	25.82	Ordinary	31,970	31,970
1-Nov-18	The Vanguard Group, Inc.	Sell	25.85	Ordinary	(189,654)	(189,654)
1-Nov-18	The Vanguard Group, Inc.	Sell	26.18	Ordinary	(1,768)	(1,768)
2-Nov-18	The Vanguard Group, Inc.	Buy	25.60	Ordinary	64,511	64,511
2-Nov-18	The Vanguard Group, Inc.	Buy	25.60	Ordinary	32,835	32,835
2-Nov-18	The Vanguard Group, Inc.	Buy	25.60	Ordinary	11,705	11,705
2-Nov-18	The Vanguard Group, Inc.	Sell	25.53	Ordinary	(65,076)	(65,076)
5-Nov-18	The Vanguard Group, Inc.	Sell	25.82	Ordinary	(21,763)	(21,763)
5-Nov-18	The Vanguard Group, Inc.	Buy	25.55	Ordinary	2,460	2,460
7-Nov-18	The Vanguard Group, Inc.	Buy	26.60	Ordinary	25,576	25,576
7-Nov-18	The Vanguard Group, Inc.	Buy	26.22	Ordinary	1,206	1,206
7-Nov-18	The Vanguard Group, Inc.	Buy	26.22	Ordinary	333	333
8-Nov-18	The Vanguard Group, Inc.	Buy	27.05	Ordinary	221	221
9-Nov-18	The Vanguard Group, Inc.	Buy	27.39	Ordinary	16,434	16,434
9-Nov-18	The Vanguard Group, Inc.	Buy	27.39	Ordinary	1,997	1,997
9-Nov-18	The Vanguard Group, Inc.	Sell	27.13	Ordinary	(5,757)	(5,757)
9-Nov-18	The Vanguard Group, Inc.	Buy	27.13	Ordinary	609	609
12-Nov-18	The Vanguard Group, Inc.	Buy	26.05	Ordinary	19,182	19,182
12-Nov-18	The Vanguard Group, Inc.	Buy	26.05	Ordinary	23,064	23,064
13-Nov-18	The Vanguard Group, Inc.	Buy	26.05	Ordinary	26,195	26,195
13-Nov-18	The Vanguard Group, Inc.	Buy	26.01	Ordinary	11,894	11,894
13-Nov-18	The Vanguard Group, Inc.	Buy	26.05	Ordinary	6,302	6,302
14-Nov-18	The Vanguard Group, Inc.	Buy	25.43	Ordinary	19,182	19,182
14-Nov-18	The Vanguard Group, Inc.	Buy	25.43	Ordinary	25,576	25,576
14-Nov-18	The Vanguard Group, Inc.	Buy	25.43	Ordinary	8,649	8,649
15-Nov-18	The Vanguard Group, Inc.	Buy	25.27	Ordinary	33,053	33,053
15-Nov-18	The Vanguard Group, Inc.	Buy	25.61	Ordinary	9,648	9,648
15-Nov-18	The Vanguard Group, Inc.	Buy	25.61	Ordinary	3,642	3,642
16-Nov-18	The Vanguard Group, Inc.	Buy	25.48	Ordinary	55,143	55,143
16-Nov-18	The Vanguard Group, Inc.	Buy	25.48	Ordinary	9,360	9,360
21-Nov-18	The Vanguard Group, Inc.	Buy	25.54	Ordinary	25,576	25,576
27-Nov-18	The Vanguard Group, Inc.	Buy	26.64	Ordinary	1,693	1,693
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	2,759	2,759
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	16,554	16,554
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	15,985	15,985
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	4,805	4,805
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	2,883	2,883
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	9,610	9,610
28-Nov-18	The Vanguard Group, Inc.	Buy	27.22	Ordinary	14,602	14,602
29-Nov-18	The Vanguard Group, Inc.	Buy	27.16	Ordinary	16,337	16,337
29-Nov-18	The Vanguard Group, Inc.	Buy	27.50	Ordinary	208	208
30-Nov-18	The Vanguard Group, Inc.	Buy	27.06	Ordinary	38,152	38,152
30-Nov-18	The Vanguard Group, Inc.	Sell	26.82	Ordinary	(1,823)	(1,823)
30-Nov-18	The Vanguard Group, Inc.	Buy	27.02	Ordinary	817	817
30-Nov-18	The Vanguard Group, Inc.	Sell	26.82	Ordinary	(4,816)	(4,816)
30-Nov-18	The Vanguard Group, Inc.	Sell	26.82	Ordinary	(117,898)	(117,898)
3-Dec-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	19,699	19,699
3-Dec-18	The Vanguard Group, Inc.	Buy	26.72	Ordinary	1,634	1,634
3-Dec-18	The Vanguard Group, Inc.	Sell	26.72	Ordinary	(16,824)	(16,824)
4-Dec-18	The Vanguard Group, Inc.	Buy	26.02	Ordinary	9,648	9,648
4-Dec-18	The Vanguard Group, Inc.	Buy	26.61	Ordinary	35,161	35,161

## 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
4-Dec-18	The Vanguard Group, Inc.	Buy	26.02	Ordinary	25,576	25,576
4-Dec-18	The Vanguard Group, Inc.	Buy	26.36	Ordinary	29,041	29,041
4-Dec-18	The Vanguard Group, Inc.	Buy	26.36	Ordinary	4,566	4,566
5-Dec-18	The Vanguard Group, Inc.	Buy	25.72	Ordinary	22,791	22,791
5-Dec-18	The Vanguard Group, Inc.	Buy	26.17	Ordinary	14,348	14,348
5-Dec-18	The Vanguard Group, Inc.	Buy	25.72	Ordinary	1,734	1,734
6-Dec-18	The Vanguard Group, Inc.	Buy	25.80	Ordinary	7,236	7,236
6-Dec-18	The Vanguard Group, Inc.	Buy	25.67	Ordinary	19,368	19,368
6-Dec-18	The Vanguard Group, Inc.	Sell	25.67	Ordinary	(2,096)	(2,096)
7-Dec-18	The Vanguard Group, Inc.	Buy	25.84	Ordinary	5,257	5,257
7-Dec-18	The Vanguard Group, Inc.	Buy	25.84	Ordinary	59,024	59,024
7-Dec-18	The Vanguard Group, Inc.	Buy	25.48	Ordinary	22,379	22,379
7-Dec-18	The Vanguard Group, Inc.	Buy	25.48	Ordinary	25,576	25,576
7-Dec-18	The Vanguard Group, Inc.	Buy	25.84	Ordinary	18,894	18,894
7-Dec-18	The Vanguard Group, Inc.	Sell	25.59	Ordinary	(1,689)	(1,689)
7-Dec-18	The Vanguard Group, Inc.	Buy	25.84	Ordinary	1,372	1,372
10-Dec-18	The Vanguard Group, Inc.	Buy	25.33	Ordinary	23,173	23,173
10-Dec-18	The Vanguard Group, Inc.	Buy	24.64	Ordinary	15,381	15,381
11-Dec-18	The Vanguard Group, Inc.	Buy	24.79	Ordinary	57,646	57,646
11-Dec-18	The Vanguard Group, Inc.	Buy	24.78	Ordinary	25,576	25,576
11-Dec-18	The Vanguard Group, Inc.	Buy	24.78	Ordinary	19,182	19,182
12-Dec-18	The Vanguard Group, Inc.	Buy	24.95	Ordinary	40,825	40,825
12-Dec-18	The Vanguard Group, Inc.	Buy	25.26	Ordinary	19,182	19,182
12-Dec-18	The Vanguard Group, Inc.	Buy	25.26	Ordinary	19,182	19,182
12-Dec-18	The Vanguard Group, Inc.	Buy	25.26	Ordinary	54,349	54,349
12-Dec-18	The Vanguard Group, Inc.	Sell	24.98	Ordinary	(870)	(870)
12-Dec-18	The Vanguard Group, Inc.	Buy	25.26	Ordinary	8,344	8,344
13-Dec-18	The Vanguard Group, Inc.	Buy	25.38	Ordinary	14,602	14,602
13-Dec-18	The Vanguard Group, Inc.	Buy	25.38	Ordinary	3,642	3,642
13-Dec-18	The Vanguard Group, Inc.	Buy	25.49	Ordinary	486	486
13-Dec-18	The Vanguard Group, Inc.	Buy	25.49	Ordinary	124	124
14-Dec-18	The Vanguard Group, Inc.	Buy	24.73	Ordinary	19,182	19,182
14-Dec-18	The Vanguard Group, Inc.	Buy	24.73	Ordinary	5,766	5,766
14-Dec-18	The Vanguard Group, Inc.	Buy	24.73	Ordinary	6,258	6,258
14-Dec-18	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(2,108)	(2,108)
14-Dec-18	The Vanguard Group, Inc.	Buy	24.80	Ordinary	2,018	2,018
14-Dec-18	The Vanguard Group, Inc.	Buy	25.36	Ordinary	222	222
17-Dec-18	The Vanguard Group, Inc.	Buy	24.10	Ordinary	38,364	38,364
17-Dec-18	The Vanguard Group, Inc.	Buy	24.10	Ordinary	20,860	20,860
17-Dec-18	The Vanguard Group, Inc.	Sell	24.41	Ordinary	(13,535)	(13,535)
18-Dec-18	The Vanguard Group, Inc.	Buy	23.69	Ordinary	1,230	1,230
18-Dec-18	The Vanguard Group, Inc.	Buy	23.69	Ordinary	2,424	2,424
20-Dec-18	The Vanguard Group, Inc.	Buy	23.44	Ordinary	25,576	25,576
20-Dec-18	The Vanguard Group, Inc.	Sell	23.55	Ordinary	(104,923)	(104,923)
20-Dec-18	The Vanguard Group, Inc.	Sell	23.55	Ordinary	(14,716)	(14,716)
20-Dec-18	The Vanguard Group, Inc.	Buy	23.55	Ordinary	22,180	22,180
21-Dec-18	The Vanguard Group, Inc.	Sell	23.30	Ordinary	(42,656)	(42,656)
21-Dec-18	The Vanguard Group, Inc.	Sell	23.30	Ordinary	(92,640)	(92,640)
21-Dec-18	The Vanguard Group, Inc.	Sell	23.30	Ordinary	(1,750)	(1,750)
21-Dec-18	The Vanguard Group, Inc.	Sell	23.30	Ordinary	(17,594)	(17,594)
21-Dec-18	The Vanguard Group, Inc.	Sell	23.30	Ordinary	(19,817)	(19,817)
21-Dec-18	The Vanguard Group, Inc.	Buy	23.33	Ordinary	680	680
21-Dec-18	The Vanguard Group, Inc.	Sell	23.30	Ordinary	(293)	(293)
21-Dec-18	The Vanguard Group, Inc.	Buy	23.33	Ordinary	58	58
21-Dec-18	The Vanguard Group, Inc.	Buy	23.33	Ordinary	8	8
24-Dec-18	The Vanguard Group, Inc.	Buy	22.90	Ordinary	19,000	19,000
24-Dec-18	The Vanguard Group, Inc.	Buy	22.90	Ordinary	30,400	30,400
26-Dec-18	The Vanguard Group, Inc.	Buy	23.62	Ordinary	12,259	12,259
26-Dec-18	The Vanguard Group, Inc.	Buy	23.62	Ordinary	11,400	11,400
27-Dec-18	The Vanguard Group, Inc.	Buy	23.78	Ordinary	2,705	2,705
27-Dec-18	The Vanguard Group, Inc.	Buy	23.66	Ordinary	16,849	16,849
27-Dec-18	The Vanguard Group, Inc.	Buy	23.78	Ordinary	9,500	9,500
27-Dec-18	The Vanguard Group, Inc.	Buy	23.78	Ordinary	5,700	5,700
27-Dec-18	The Vanguard Group, Inc.	Buy	23.78	Ordinary	28,500	28,500
27-Dec-18	The Vanguard Group, Inc.	Buy	23.66	Ordinary	15,945	15,945

## 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	23.78	Ordinary	1,634	1,634
28-Dec-18	The Vanguard Group, Inc.	Buy	23.75	Ordinary	23,738	23,738
28-Dec-18	The Vanguard Group, Inc.	Buy	24.28	Ordinary	4,715	4,715
28-Dec-18	The Vanguard Group, Inc.	Buy	24.34	Ordinary	2,361	2,361
28-Dec-18	The Vanguard Group, Inc.	Buy	23.75	Ordinary	17,735	17,735
28-Dec-18	The Vanguard Group, Inc.	Buy	23.75	Ordinary	256	256
31-Dec-18	The Vanguard Group, Inc.	Buy	24.53	Ordinary	12,984	12,984
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	3,787	3,787
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	9,738	9,738
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	6,601	6,601
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	12,259	12,259
2-Jan-19	The Vanguard Group, Inc.	Buy	24.44	Ordinary	3,384	3,384
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	13,300	13,300
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	11,400	11,400
2-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	3,578	3,578
2-Jan-19	The Vanguard Group, Inc.	Buy	23.86	Ordinary	18,524	18,524
3-Jan-19	The Vanguard Group, Inc.	Buy	24.23	Ordinary	191,995	191,995
3-Jan-19	The Vanguard Group, Inc.	Buy	24.23	Ordinary	53,757	53,757
3-Jan-19	The Vanguard Group, Inc.	Buy	24.30	Ordinary	9,500	9,500
3-Jan-19	The Vanguard Group, Inc.	Buy	24.30	Ordinary	3,578	3,578
3-Jan-19	The Vanguard Group, Inc.	Buy	24.23	Ordinary	1,480	1,480
3-Jan-19	The Vanguard Group, Inc.	Buy	24.23	Ordinary	2,338	2,338
4-Jan-19	The Vanguard Group, Inc.	Buy	24.15	Ordinary	84,277	84,277
4-Jan-19	The Vanguard Group, Inc.	Buy	24.15	Ordinary	33,226	33,226
4-Jan-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	1,421	1,421
4-Jan-19	The Vanguard Group, Inc.	Buy	24.15	Ordinary	115	115
7-Jan-19	The Vanguard Group, Inc.	Buy	24.70	Ordinary	3,800	3,800
7-Jan-19	The Vanguard Group, Inc.	Buy	24.52	Ordinary	16,988	16,988
8-Jan-19	The Vanguard Group, Inc.	Sell	24.64	Ordinary	(1,444)	(1,444)
8-Jan-19	The Vanguard Group, Inc.	Buy	24.85	Ordinary	4,085	4,085
8-Jan-19	The Vanguard Group, Inc.	Sell	24.72	Ordinary	(58,337)	(58,337)
8-Jan-19	The Vanguard Group, Inc.	Buy	24.86	Ordinary	1,686	1,686
8-Jan-19	The Vanguard Group, Inc.	Buy	24.86	Ordinary	4,096	4,096
9-Jan-19	The Vanguard Group, Inc.	Buy	25.28	Ordinary	6,601	6,601
9-Jan-19	The Vanguard Group, Inc.	Sell	25.06	Ordinary	(31,656)	(31,656)
9-Jan-19	The Vanguard Group, Inc.	Buy	25.06	Ordinary	242	242
10-Jan-19	The Vanguard Group, Inc.	Buy	25.45	Ordinary	8,656	8,656
10-Jan-19	The Vanguard Group, Inc.	Buy	25.29	Ordinary	31,119	31,119
10-Jan-19	The Vanguard Group, Inc.	Buy	25.45	Ordinary	7,156	7,156
10-Jan-19	The Vanguard Group, Inc.	Sell	25.26	Ordinary	(30,470)	(30,470)
10-Jan-19	The Vanguard Group, Inc.	Buy	25.33	Ordinary	14,803	14,803
11-Jan-19	The Vanguard Group, Inc.	Buy	25.35	Ordinary	3,246	3,246
11-Jan-19	The Vanguard Group, Inc.	Buy	25.35	Ordinary	11,316	11,316
11-Jan-19	The Vanguard Group, Inc.	Buy	25.35	Ordinary	1,634	1,634
14-Jan-19	The Vanguard Group, Inc.	Buy	25.48	Ordinary	6,601	6,601
15-Jan-19	The Vanguard Group, Inc.	Buy	25.55	Ordinary	64,520	64,520
15-Jan-19	The Vanguard Group, Inc.	Sell	25.54	Ordinary	(17,427)	(17,427)
15-Jan-19	The Vanguard Group, Inc.	Buy	25.55	Ordinary	11,508	11,508
15-Jan-19	The Vanguard Group, Inc.	Buy	25.54	Ordinary	483	483
16-Jan-19	The Vanguard Group, Inc.	Sell	25.68	Ordinary	(13,742)	(13,742)
16-Jan-19	The Vanguard Group, Inc.	Buy	25.68	Ordinary	7,655	7,655
17-Jan-19	The Vanguard Group, Inc.	Sell	26.01	Ordinary	(5,433)	(5,433)
17-Jan-19	The Vanguard Group, Inc.	Sell	26.13	Ordinary	(19,044)	(19,044)
17-Jan-19	The Vanguard Group, Inc.	Sell	25.94	Ordinary	(22,555)	(22,555)
17-Jan-19	The Vanguard Group, Inc.	Buy	25.94	Ordinary	2,776	2,776
17-Jan-19	The Vanguard Group, Inc.	Buy	26.01	Ordinary	1,472	1,472
18-Jan-19	The Vanguard Group, Inc.	Sell	26.05	Ordinary	(1,215)	(1,215)
18-Jan-19	The Vanguard Group, Inc.	Sell	26.07	Ordinary	(6,974)	(6,974)
22-Jan-19	The Vanguard Group, Inc.	Sell	25.68	Ordinary	(19,044)	(19,044)
22-Jan-19	The Vanguard Group, Inc.	Buy	25.81	Ordinary	1,185	1,185
22-Jan-19	The Vanguard Group, Inc.	Buy	25.81	Ordinary	888	888
22-Jan-19	The Vanguard Group, Inc.	Buy	25.81	Ordinary	617	617
23-Jan-19	The Vanguard Group, Inc.	Buy	25.79	Ordinary	44,941	44,941
23-Jan-19	The Vanguard Group, Inc.	Sell	25.70	Ordinary	(41,262)	(41,262)
23-Jan-19	The Vanguard Group, Inc.	Buy	25.71	Ordinary	2,887	2,887



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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
24-Jan-19	The Vanguard Group, Inc.	Buy	25.88	Ordinary	5,428	5,428
24-Jan-19	The Vanguard Group, Inc.	Sell	25.97	Ordinary	(41,262)	(41,262)
24-Jan-19	The Vanguard Group, Inc.	Buy	25.92	Ordinary	41,872	41,872
24-Jan-19	The Vanguard Group, Inc.	Buy	25.92	Ordinary	121	121
24-Jan-19	The Vanguard Group, Inc.	Buy	25.88	Ordinary	1,549	1,549
25-Jan-19	The Vanguard Group, Inc.	Buy	25.95	Ordinary	23,489	23,489
25-Jan-19	The Vanguard Group, Inc.	Buy	26.26	Ordinary	1,694	1,694
28-Jan-19	The Vanguard Group, Inc.	Sell	26.16	Ordinary	(11,400)	(11,400)
29-Jan-19	The Vanguard Group, Inc.	Sell	25.64	Ordinary	(25,392)	(25,392)
29-Jan-19	The Vanguard Group, Inc.	Sell	25.64	Ordinary	(25,392)	(25,392)
29-Jan-19	The Vanguard Group, Inc.	Sell	25.64	Ordinary	(60,306)	(60,306)
29-Jan-19	The Vanguard Group, Inc.	Sell	25.64	Ordinary	(5,658)	(5,658)
29-Jan-19	The Vanguard Group, Inc.	Sell	26.01	Ordinary	(1,037)	(1,037)
29-Jan-19	The Vanguard Group, Inc.	Sell	25.64	Ordinary	(7,600)	(7,600)
29-Jan-19	The Vanguard Group, Inc.	Buy	25.58	Ordinary	1,481	1,481
29-Jan-19	The Vanguard Group, Inc.	Buy	26.01	Ordinary	212	212
30-Jan-19	The Vanguard Group, Inc.	Buy	25.61	Ordinary	3,787	3,787
30-Jan-19	The Vanguard Group, Inc.	Sell	25.61	Ordinary	(11,400)	(11,400)
30-Jan-19	The Vanguard Group, Inc.	Sell	25.58	Ordinary	(10,934)	(10,934)
30-Jan-19	The Vanguard Group, Inc.	Sell	25.48	Ordinary	(17,829)	(17,829)
30-Jan-19	The Vanguard Group, Inc.	Buy	25.48	Ordinary	79,303	79,303
30-Jan-19	The Vanguard Group, Inc.	Buy	25.58	Ordinary	312	312
31-Jan-19	The Vanguard Group, Inc.	Sell	25.04	Ordinary	(4,715)	(4,715)
31-Jan-19	The Vanguard Group, Inc.	Sell	25.04	Ordinary	(32,300)	(32,300)
31-Jan-19	The Vanguard Group, Inc.	Buy	25.03	Ordinary	1,576	1,576
4-Feb-19	The Vanguard Group, Inc.	Sell	25.43	Ordinary	(7,544)	(7,544)
4-Feb-19	The Vanguard Group, Inc.	Sell	25.43	Ordinary	(6,601)	(6,601)
5-Feb-19	The Vanguard Group, Inc.	Buy	26.91	Ordinary	5,951	5,951
5-Feb-19	The Vanguard Group, Inc.	Buy	26.25	Ordinary	46,707	46,707
5-Feb-19	The Vanguard Group, Inc.	Sell	26.91	Ordinary	(6,601)	(6,601)
5-Feb-19	The Vanguard Group, Inc.	Buy	26.25	Ordinary	2,853	2,853
7-Feb-19	The Vanguard Group, Inc.	Sell	26.69	Ordinary	(21,840)	(21,840)
7-Feb-19	The Vanguard Group, Inc.	Buy	26.69	Ordinary	10,820	10,820
7-Feb-19	The Vanguard Group, Inc.	Sell	26.69	Ordinary	(7,544)	(7,544)
7-Feb-19	The Vanguard Group, Inc.	Sell	26.69	Ordinary	(7,600)	(7,600)
7-Feb-19	The Vanguard Group, Inc.	Sell	26.69	Ordinary	(7,600)	(7,600)
7-Feb-19	The Vanguard Group, Inc.	Sell	26.60	Ordinary	(2,069)	(2,069)
8-Feb-19	The Vanguard Group, Inc.	Buy	26.89	Ordinary	42,035	42,035
8-Feb-19	The Vanguard Group, Inc.	Buy	26.89	Ordinary	52,231	52,231
8-Feb-19	The Vanguard Group, Inc.	Sell	26.91	Ordinary	(24,700)	(24,700)
8-Feb-19	The Vanguard Group, Inc.	Buy	26.89	Ordinary	7,425	7,425
8-Feb-19	The Vanguard Group, Inc.	Buy	26.89	Ordinary	36,252	36,252
11-Feb-19	The Vanguard Group, Inc.	Sell	26.56	Ordinary	(17,100)	(17,100)
11-Feb-19	The Vanguard Group, Inc.	Buy	26.54	Ordinary	57,341	57,341
12-Feb-19	The Vanguard Group, Inc.	Buy	26.54	Ordinary	35,497	35,497
12-Feb-19	The Vanguard Group, Inc.	Sell	26.46	Ordinary	(149,409)	(149,409)
13-Feb-19	The Vanguard Group, Inc.	Buy	26.80	Ordinary	50,691	50,691
13-Feb-19	The Vanguard Group, Inc.	Sell	26.62	Ordinary	(11,400)	(11,400)
13-Feb-19	The Vanguard Group, Inc.	Buy	26.80	Ordinary	255	255
14-Feb-19	The Vanguard Group, Inc.	Buy	26.78	Ordinary	580	580
14-Feb-19	The Vanguard Group, Inc.	Buy	26.74	Ordinary	47,163	47,163
15-Feb-19	The Vanguard Group, Inc.	Sell	27.04	Ordinary	(1,886)	(1,886)
15-Feb-19	The Vanguard Group, Inc.	Sell	26.49	Ordinary	(871)	(871)
18-Feb-19	The Vanguard Group, Inc.	Buy	26.74	Ordinary	10,173	10,173
20-Feb-19	The Vanguard Group, Inc.	Buy	27.35	Ordinary	56,932	56,932
20-Feb-19	The Vanguard Group, Inc.	Buy	27.35	Ordinary	25,577	25,577
20-Feb-19	The Vanguard Group, Inc.	Sell	27.27	Ordinary	(14,523)	(14,523)
20-Feb-19	The Vanguard Group, Inc.	Buy	27.27	Ordinary	49,170	49,170
20-Feb-19	The Vanguard Group, Inc.	Buy	27.27	Ordinary	1,580	1,580
20-Feb-19	The Vanguard Group, Inc.	Sell	27.29	Ordinary	(951)	(951)
21-Feb-19	The Vanguard Group, Inc.	Buy	27.55	Ordinary	31,775	31,775
21-Feb-19	The Vanguard Group, Inc.	Sell	27.68	Ordinary	(6,601)	(6,601)
21-Feb-19	The Vanguard Group, Inc.	Sell	27.68	Ordinary	(9,500)	(9,500)
21-Feb-19	The Vanguard Group, Inc.	Buy	27.77	Ordinary	1,178	1,178
22-Feb-19	The Vanguard Group, Inc.	Buy	27.96	Ordinary	23,002	23,002

## 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
22-Feb-19	The Vanguard Group, Inc.	Sell	27.94	Ordinary	(27,347)	(27,347)
22-Feb-19	The Vanguard Group, Inc.	Buy	27.96	Ordinary	2,904	2,904
22-Feb-19	The Vanguard Group, Inc.	Buy	27.96	Ordinary	254	254
26-Feb-19	The Vanguard Group, Inc.	Buy	27.78	Ordinary	15,870	15,870
26-Feb-19	The Vanguard Group, Inc.	Buy	27.69	Ordinary	915	915
27-Feb-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	3,578	3,578
27-Feb-19	The Vanguard Group, Inc.	Buy	27.75	Ordinary	1,576	1,576
28-Feb-19	The Vanguard Group, Inc.	Sell	27.85	Ordinary	(8,065)	(8,065)
28-Feb-19	The Vanguard Group, Inc.	Sell	28.00	Ordinary	(56,949)	(56,949)
28-Feb-19	The Vanguard Group, Inc.	Sell	27.96	Ordinary	(15,046)	(15,046)
28-Feb-19	The Vanguard Group, Inc.	Buy	28.00	Ordinary	247	247
1-Mar-19	The Vanguard Group, Inc.	Buy	28.16	Ordinary	35,026	35,026
1-Mar-19	The Vanguard Group, Inc.	Buy	28.03	Ordinary	18,542	18,542
1-Mar-19	The Vanguard Group, Inc.	Sell	28.03	Ordinary	(54,133)	(54,133)
1-Mar-19	The Vanguard Group, Inc.	Sell	28.03	Ordinary	(7,132)	(7,132)
1-Mar-19	The Vanguard Group, Inc.	Buy	28.03	Ordinary	2,068	2,068
4-Mar-19	The Vanguard Group, Inc.	Buy	27.86	Ordinary	64,414	64,414
4-Mar-19	The Vanguard Group, Inc.	Sell	27.86	Ordinary	(51,670)	(51,670)
4-Mar-19	The Vanguard Group, Inc.	Sell	27.86	Ordinary	(6,592)	(6,592)
4-Mar-19	The Vanguard Group, Inc.	Buy	27.86	Ordinary	1,289	1,289
4-Mar-19	The Vanguard Group, Inc.	Buy	27.86	Ordinary	2,489	2,489
5-Mar-19	The Vanguard Group, Inc.	Buy	27.75	Ordinary	80,967	80,967
5-Mar-19	The Vanguard Group, Inc.	Buy	27.71	Ordinary	2,958	2,958
5-Mar-19	The Vanguard Group, Inc.	Buy	27.74	Ordinary	19,044	19,044
5-Mar-19	The Vanguard Group, Inc.	Sell	27.72	Ordinary	(13,916)	(13,916)
5-Mar-19	The Vanguard Group, Inc.	Buy	27.72	Ordinary	279	279
6-Mar-19	The Vanguard Group, Inc.	Buy	27.79	Ordinary	6,601	6,601
6-Mar-19	The Vanguard Group, Inc.	Buy	27.79	Ordinary	1,734	1,734
6-Mar-19	The Vanguard Group, Inc.	Buy	27.73	Ordinary	14,042	14,042
7-Mar-19	The Vanguard Group, Inc.	Buy	27.75	Ordinary	825	825
8-Mar-19	The Vanguard Group, Inc.	Buy	27.09	Ordinary	15,870	15,870
8-Mar-19	The Vanguard Group, Inc.	Buy	27.51	Ordinary	5,126	5,126
8-Mar-19	The Vanguard Group, Inc.	Buy	27.14	Ordinary	1,105	1,105
8-Mar-19	The Vanguard Group, Inc.	Buy	27.12	Ordinary	812	812
8-Mar-19	The Vanguard Group, Inc.	Buy	27.12	Ordinary	1,191	1,191
11-Mar-19	The Vanguard Group, Inc.	Buy	27.06	Ordinary	44,727	44,727
11-Mar-19	The Vanguard Group, Inc.	Sell	27.00	Ordinary	(11,247)	(11,247)
11-Mar-19	The Vanguard Group, Inc.	Buy	27.10	Ordinary	1,576	1,576
12-Mar-19	The Vanguard Group, Inc.	Sell	26.79	Ordinary	(10,131)	(10,131)
13-Mar-19	The Vanguard Group, Inc.	Buy	26.81	Ordinary	58,359	58,359
14-Mar-19	The Vanguard Group, Inc.	Sell	26.62	Ordinary	(33,941)	(33,941)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(40,482)	(40,482)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.32	Ordinary	(1)	(1)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(646,730)	(646,730)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.32	Ordinary	(3)	(3)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(268,235)	(268,235)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.32	Ordinary	(1)	(1)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(2,162)	(2,162)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(12,550)	(12,550)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(5,472)	(5,472)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(376)	(376)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(1,125)	(1,125)
15-Mar-19	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(95)	(95)
15-Mar-19	The Vanguard Group, Inc.	Buy	26.34	Ordinary	203	203
18-Mar-19	The Vanguard Group, Inc.	Buy	26.52	Ordinary	7,574	7,574
19-Mar-19	The Vanguard Group, Inc.	Buy	26.54	Ordinary	65,875	65,875
19-Mar-19	The Vanguard Group, Inc.	Buy	26.30	Ordinary	20,236	20,236
19-Mar-19	The Vanguard Group, Inc.	Buy	26.30	Ordinary	721	721
20-Mar-19	The Vanguard Group, Inc.	Buy	26.33	Ordinary	71,042	71,042
20-Mar-19	The Vanguard Group, Inc.	Buy	26.23	Ordinary	9,522	9,522
21-Mar-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	1,105	1,105
21-Mar-19	The Vanguard Group, Inc.	Buy	26.45	Ordinary	1,293	1,293
21-Mar-19	The Vanguard Group, Inc.	Buy	26.28	Ordinary	301	301
25-Mar-19	The Vanguard Group, Inc.	Sell	26.09	Ordinary	(4,048)	(4,048)
25-Mar-19	The Vanguard Group, Inc.	Sell	26.09	Ordinary	(21,603)	(21,603)

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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
25-Mar-19	The Vanguard Group, Inc.	Sell	26.09	Ordinary	(6,397)	(6,397)
26-Mar-19	The Vanguard Group, Inc.	Buy	25.84	Ordinary	93,562	93,562
27-Mar-19	The Vanguard Group, Inc.	Buy	25.75	Ordinary	63,989	63,989
27-Mar-19	The Vanguard Group, Inc.	Sell	25.81	Ordinary	(2,032)	(2,032)
27-Mar-19	The Vanguard Group, Inc.	Buy	25.86	Ordinary	3,522	3,522
27-Mar-19	The Vanguard Group, Inc.	Buy	25.94	Ordinary	7,040	7,040
27-Mar-19	The Vanguard Group, Inc.	Sell	25.94	Ordinary	(937)	(937)
27-Mar-19	The Vanguard Group, Inc.	Buy	25.75	Ordinary	579	579
28-Mar-19	The Vanguard Group, Inc.	Sell	26.02	Ordinary	(8,465)	(8,465)
29-Mar-19	The Vanguard Group, Inc.	Buy	26.03	Ordinary	95,506	95,506
29-Mar-19	The Vanguard Group, Inc.	Sell	26.05	Ordinary	(4,715)	(4,715)
29-Mar-19	The Vanguard Group, Inc.	Sell	26.03	Ordinary	(38,734)	(38,734)
29-Mar-19	The Vanguard Group, Inc.	Buy	26.03	Ordinary	1,443	1,443
29-Mar-19	The Vanguard Group, Inc.	Buy	26.05	Ordinary	2,359	2,359
1-Apr-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	12,696	12,696
1-Apr-19	The Vanguard Group, Inc.	Sell	26.25	Ordinary	(57,233)	(57,233)
1-Apr-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	3,522	3,522
1-Apr-19	The Vanguard Group, Inc.	Buy	26.20	Ordinary	2,113	2,113
1-Apr-19	The Vanguard Group, Inc.	Buy	26.27	Ordinary	1,245	1,245
2-Apr-19	The Vanguard Group, Inc.	Buy	26.53	Ordinary	77,759	77,759
3-Apr-19	The Vanguard Group, Inc.	Buy	26.51	Ordinary	67,667	67,667
4-Apr-19	The Vanguard Group, Inc.	Sell	26.26	Ordinary	(21,904)	(21,904)
4-Apr-19	The Vanguard Group, Inc.	Buy	26.26	Ordinary	5,601	5,601
4-Apr-19	The Vanguard Group, Inc.	Buy	26.26	Ordinary	879	879
5-Apr-19	The Vanguard Group, Inc.	Buy	25.99	Ordinary	10,820	10,820
5-Apr-19	The Vanguard Group, Inc.	Buy	25.99	Ordinary	3,522	3,522
8-Apr-19	The Vanguard Group, Inc.	Sell	25.82	Ordinary	(11,316)	(11,316)
8-Apr-19	The Vanguard Group, Inc.	Buy	25.82	Ordinary	3,522	3,522
9-Apr-19	The Vanguard Group, Inc.	Buy	25.64	Ordinary	79,346	79,346
9-Apr-19	The Vanguard Group, Inc.	Sell	25.65	Ordinary	(17,017)	(17,017)
10-Apr-19	The Vanguard Group, Inc.	Buy	25.61	Ordinary	27,548	27,548
10-Apr-19	The Vanguard Group, Inc.	Buy	25.68	Ordinary	68,884	68,884
10-Apr-19	The Vanguard Group, Inc.	Buy	25.68	Ordinary	1,728	1,728
10-Apr-19	The Vanguard Group, Inc.	Buy	25.61	Ordinary	623	623
12-Apr-19	The Vanguard Group, Inc.	Buy	25.74	Ordinary	23,646	23,646
15-Apr-19	The Vanguard Group, Inc.	Buy	26.17	Ordinary	13,341	13,341
15-Apr-19	The Vanguard Group, Inc.	Sell	26.23	Ordinary	(6,601)	(6,601)
16-Apr-19	The Vanguard Group, Inc.	Buy	26.22	Ordinary	40,790	40,790
16-Apr-19	The Vanguard Group, Inc.	Buy	26.42	Ordinary	1,734	1,734
16-Apr-19	The Vanguard Group, Inc.	Buy	26.41	Ordinary	1,443	1,443
17-Apr-19	The Vanguard Group, Inc.	Buy	26.56	Ordinary	47,148	47,148
18-Apr-19	The Vanguard Group, Inc.	Buy	26.78	Ordinary	35,837	35,837
23-Apr-19	The Vanguard Group, Inc.	Buy	27.22	Ordinary	10,710	10,710
23-Apr-19	The Vanguard Group, Inc.	Sell	27.22	Ordinary	(3,772)	(3,772)
23-Apr-19	The Vanguard Group, Inc.	Sell	27.08	Ordinary	(16,054)	(16,054)
24-Apr-19	The Vanguard Group, Inc.	Buy	27.32	Ordinary	62,563	62,563
24-Apr-19	The Vanguard Group, Inc.	Sell	27.35	Ordinary	(36,425)	(36,425)
24-Apr-19	The Vanguard Group, Inc.	Buy	27.35	Ordinary	2,739	2,739
24-Apr-19	The Vanguard Group, Inc.	Buy	27.32	Ordinary	263	263
25-Apr-19	The Vanguard Group, Inc.	Sell	27.36	Ordinary	(4,715)	(4,715)
26-Apr-19	The Vanguard Group, Inc.	Buy	27.33	Ordinary	107,013	107,013
26-Apr-19	The Vanguard Group, Inc.	Buy	27.50	Ordinary	15,870	15,870
26-Apr-19	The Vanguard Group, Inc.	Sell	27.50	Ordinary	(4,715)	(4,715)
26-Apr-19	The Vanguard Group, Inc.	Sell	27.30	Ordinary	(1,262)	(1,262)
26-Apr-19	The Vanguard Group, Inc.	Buy	27.30	Ordinary	1,433	1,433
30-Apr-19	The Vanguard Group, Inc.	Buy	27.21	Ordinary	2,601	2,601
30-Apr-19	The Vanguard Group, Inc.	Buy	27.38	Ordinary	5,707	5,707
1-May-19	The Vanguard Group, Inc.	Buy	27.45	Ordinary	459	459
3-May-19	The Vanguard Group, Inc.	Buy	27.38	Ordinary	37,129	37,129
3-May-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	5,601	5,601
3-May-19	The Vanguard Group, Inc.	Buy	27.41	Ordinary	3,003	3,003
3-May-19	The Vanguard Group, Inc.	Buy	27.38	Ordinary	14,005	14,005
6-May-19	The Vanguard Group, Inc.	Sell	27.73	Ordinary	(16,380)	(16,380)
7-May-19	The Vanguard Group, Inc.	Buy	27.77	Ordinary	10,058	10,058
7-May-19	The Vanguard Group, Inc.	Buy	27.77	Ordinary	71,396	71,396

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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
7-May-19	The Vanguard Group, Inc.	Buy	27.34	Ordinary	5,950	5,950
7-May-19	The Vanguard Group, Inc.	Buy	27.77	Ordinary	35,898	35,898
7-May-19	The Vanguard Group, Inc.	Buy	27.71	Ordinary	5,601	5,601
7-May-19	The Vanguard Group, Inc.	Buy	27.50	Ordinary	847	847
7-May-19	The Vanguard Group, Inc.	Buy	27.50	Ordinary	1,181	1,181
8-May-19	The Vanguard Group, Inc.	Sell	27.56	Ordinary	(16,380)	(16,380)
8-May-19	The Vanguard Group, Inc.	Buy	27.44	Ordinary	71,336	71,336
8-May-19	The Vanguard Group, Inc.	Buy	27.44	Ordinary	18,708	18,708
8-May-19	The Vanguard Group, Inc.	Buy	27.56	Ordinary	2,601	2,601
8-May-19	The Vanguard Group, Inc.	Buy	27.44	Ordinary	11,518	11,518
8-May-19	The Vanguard Group, Inc.	Buy	27.59	Ordinary	1,105	1,105
8-May-19	The Vanguard Group, Inc.	Buy	27.59	Ordinary	4,107	4,107
9-May-19	The Vanguard Group, Inc.	Buy	27.58	Ordinary	44,730	44,730
9-May-19	The Vanguard Group, Inc.	Buy	27.63	Ordinary	19,044	19,044
9-May-19	The Vanguard Group, Inc.	Buy	27.63	Ordinary	3,510	3,510
10-May-19	The Vanguard Group, Inc.	Buy	27.54	Ordinary	46,672	46,672
10-May-19	The Vanguard Group, Inc.	Buy	27.54	Ordinary	15,621	15,621
10-May-19	The Vanguard Group, Inc.	Sell	27.50	Ordinary	(45,160)	(45,160)
10-May-19	The Vanguard Group, Inc.	Buy	27.50	Ordinary	1,105	1,105
10-May-19	The Vanguard Group, Inc.	Buy	27.50	Ordinary	3,228	3,228
13-May-19	The Vanguard Group, Inc.	Buy	26.58	Ordinary	9,131	9,131
13-May-19	The Vanguard Group, Inc.	Buy	26.43	Ordinary	1,647	1,647
14-May-19	The Vanguard Group, Inc.	Sell	26.19	Ordinary	(16,380)	(16,380)
14-May-19	The Vanguard Group, Inc.	Buy	26.23	Ordinary	38,307	38,307
14-May-19	The Vanguard Group, Inc.	Buy	26.19	Ordinary	7,720	7,720
14-May-19	The Vanguard Group, Inc.	Buy	26.19	Ordinary	1,755	1,755
14-May-19	The Vanguard Group, Inc.	Buy	25.99	Ordinary	1,443	1,443
14-May-19	The Vanguard Group, Inc.	Buy	26.10	Ordinary	497	497
15-May-19	The Vanguard Group, Inc.	Buy	26.16	Ordinary	97,885	97,885
15-May-19	The Vanguard Group, Inc.	Buy	26.29	Ordinary	37,820	37,820
16-May-19	The Vanguard Group, Inc.	Buy	26.50	Ordinary	5,501	5,501
16-May-19	The Vanguard Group, Inc.	Buy	26.50	Ordinary	38,026	38,026
16-May-19	The Vanguard Group, Inc.	Buy	26.64	Ordinary	446,509	446,509
17-May-19	The Vanguard Group, Inc.	Buy	26.41	Ordinary	75,724	75,724
17-May-19	The Vanguard Group, Inc.	Buy	26.41	Ordinary	39,934	39,934
17-May-19	The Vanguard Group, Inc.	Buy	25.85	Ordinary	2,228	2,228
17-May-19	The Vanguard Group, Inc.	Buy	26.41	Ordinary	376	376
20-May-19	The Vanguard Group, Inc.	Buy	27.73	Ordinary	5,950	5,950
21-May-19	The Vanguard Group, Inc.	Buy	29.25	Ordinary	107,974	107,974
21-May-19	The Vanguard Group, Inc.	Buy	29.25	Ordinary	16,870	16,870
21-May-19	The Vanguard Group, Inc.	Buy	28.43	Ordinary	13,561	13,561
21-May-19	The Vanguard Group, Inc.	Buy	28.43	Ordinary	467	467
22-May-19	The Vanguard Group, Inc.	Buy	28.26	Ordinary	109,030	109,030
22-May-19	The Vanguard Group, Inc.	Buy	28.26	Ordinary	11,305	11,305
22-May-19	The Vanguard Group, Inc.	Buy	28.38	Ordinary	13,336	13,336
23-May-19	The Vanguard Group, Inc.	Buy	28.08	Ordinary	41,525	41,525
24-May-19	The Vanguard Group, Inc.	Buy	27.72	Ordinary	37,619	37,619
24-May-19	The Vanguard Group, Inc.	Buy	27.84	Ordinary	4,731	4,731
24-May-19	The Vanguard Group, Inc.	Buy	27.72	Ordinary	549	549
24-May-19	The Vanguard Group, Inc.	Buy	27.84	Ordinary	1,078	1,078
28-May-19	The Vanguard Group, Inc.	Buy	27.80	Ordinary	15,870	15,870
28-May-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(1,010)	(1,010)
28-May-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(45,708)	(45,708)
28-May-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(9,510)	(9,510)
29-May-19	The Vanguard Group, Inc.	Buy	27.74	Ordinary	5,788	5,788
29-May-19	The Vanguard Group, Inc.	Buy	27.74	Ordinary	25,776	25,776
29-May-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(9,430)	(9,430)
29-May-19	The Vanguard Group, Inc.	Sell	28.04	Ordinary	(2,075)	(2,075)
29-May-19	The Vanguard Group, Inc.	Buy	28.04	Ordinary	2,549	2,549
29-May-19	The Vanguard Group, Inc.	Buy	28.04	Ordinary	3,463	3,463
30-May-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	66,431	66,431
30-May-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	5,161	5,161
30-May-19	The Vanguard Group, Inc.	Buy	28.01	Ordinary	1,105	1,105
30-May-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	57	57
31-May-19	The Vanguard Group, Inc.	Buy	27.70	Ordinary	43,157	43,157

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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
31-May-19	The Vanguard Group, Inc.	Buy	27.70	Ordinary	2,672	2,672
31-May-19	The Vanguard Group, Inc.	Sell	27.88	Ordinary	(78,995)	(78,995)
3-Jun-19	The Vanguard Group, Inc.	Buy	27.57	Ordinary	5,950	5,950
3-Jun-19	The Vanguard Group, Inc.	Buy	27.65	Ordinary	6,014	6,014
3-Jun-19	The Vanguard Group, Inc.	Sell	27.65	Ordinary	(1,167)	(1,167)
4-Jun-19	The Vanguard Group, Inc.	Sell	28.10	Ordinary	(4,715)	(4,715)
4-Jun-19	The Vanguard Group, Inc.	Buy	27.70	Ordinary	27,740	27,740
4-Jun-19	The Vanguard Group, Inc.	Buy	27.70	Ordinary	14,877	14,877
5-Jun-19	The Vanguard Group, Inc.	Sell	28.17	Ordinary	(10,920)	(10,920)
5-Jun-19	The Vanguard Group, Inc.	Sell	28.17	Ordinary	(21,840)	(21,840)
5-Jun-19	The Vanguard Group, Inc.	Buy	28.00	Ordinary	49,285	49,285
5-Jun-19	The Vanguard Group, Inc.	Sell	28.00	Ordinary	(989)	(989)
5-Jun-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(5,652)	(5,652)
6-Jun-19	The Vanguard Group, Inc.	Buy	28.27	Ordinary	3,510	3,510
6-Jun-19	The Vanguard Group, Inc.	Sell	28.16	Ordinary	(94,969)	(94,969)
6-Jun-19	The Vanguard Group, Inc.	Buy	28.16	Ordinary	1,513	1,513
6-Jun-19	The Vanguard Group, Inc.	Buy	28.07	Ordinary	226	226
7-Jun-19	The Vanguard Group, Inc.	Buy	28.47	Ordinary	3,510	3,510
7-Jun-19	The Vanguard Group, Inc.	Buy	28.47	Ordinary	1,734	1,734
7-Jun-19	The Vanguard Group, Inc.	Buy	28.37	Ordinary	6,735	6,735
7-Jun-19	The Vanguard Group, Inc.	Buy	28.37	Ordinary	706	706
10-Jun-19	The Vanguard Group, Inc.	Buy	28.62	Ordinary	7,140	7,140
10-Jun-19	The Vanguard Group, Inc.	Buy	28.62	Ordinary	2,601	2,601
11-Jun-19	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(13,650)	(13,650)
11-Jun-19	The Vanguard Group, Inc.	Buy	28.50	Ordinary	25,298	25,298
11-Jun-19	The Vanguard Group, Inc.	Buy	28.65	Ordinary	1,105	1,105
11-Jun-19	The Vanguard Group, Inc.	Buy	28.65	Ordinary	428	428
11-Jun-19	The Vanguard Group, Inc.	Buy	28.50	Ordinary	56	56
12-Jun-19	The Vanguard Group, Inc.	Buy	28.70	Ordinary	25,955	25,955
12-Jun-19	The Vanguard Group, Inc.	Buy	28.25	Ordinary	7,140	7,140
12-Jun-19	The Vanguard Group, Inc.	Buy	28.26	Ordinary	44,381	44,381
12-Jun-19	The Vanguard Group, Inc.	Buy	28.26	Ordinary	2,089	2,089
13-Jun-19	The Vanguard Group, Inc.	Buy	28.51	Ordinary	2,380	2,380
13-Jun-19	The Vanguard Group, Inc.	Sell	28.40	Ordinary	(90,985)	(90,985)
14-Jun-19	The Vanguard Group, Inc.	Sell	28.24	Ordinary	(8,190)	(8,190)
14-Jun-19	The Vanguard Group, Inc.	Sell	28.22	Ordinary	(35,938)	(35,938)
14-Jun-19	The Vanguard Group, Inc.	Buy	28.24	Ordinary	1,734	1,734
14-Jun-19	The Vanguard Group, Inc.	Buy	28.24	Ordinary	1,734	1,734
14-Jun-19	The Vanguard Group, Inc.	Sell	28.19	Ordinary	(75,806)	(75,806)
17-Jun-19	The Vanguard Group, Inc.	Sell	28.28	Ordinary	(23,584)	(23,584)
17-Jun-19	The Vanguard Group, Inc.	Buy	28.28	Ordinary	1,513	1,513
18-Jun-19	The Vanguard Group, Inc.	Buy	28.22	Ordinary	48,335	48,335
18-Jun-19	The Vanguard Group, Inc.	Buy	28.45	Ordinary	3,510	3,510
19-Jun-19	The Vanguard Group, Inc.	Buy	28.58	Ordinary	45,278	45,278
19-Jun-19	The Vanguard Group, Inc.	Sell	28.50	Ordinary	(18,859)	(18,859)
19-Jun-19	The Vanguard Group, Inc.	Buy	28.58	Ordinary	390	390
20-Jun-19	The Vanguard Group, Inc.	Buy	28.88	Ordinary	5,950	5,950
21-Jun-19	The Vanguard Group, Inc.	Buy	28.56	Ordinary	2,975	2,975
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(144,342)	(144,342)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(482,317)	(482,317)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(112,681)	(112,681)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(33,721)	(33,721)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(7,425)	(7,425)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(2,222)	(2,222)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(55,283)	(55,283)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(16,544)	(16,544)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(2,137)	(2,137)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(639)	(639)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(3,699)	(3,699)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(1,106)	(1,106)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(14,043)	(14,043)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(4,201)	(4,201)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(3,875)	(3,875)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(1,158)	(1,158)
21-Jun-19	The Vanguard Group, Inc.	Buy	28.54	Ordinary	762	762

## 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
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(41)	(41)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(11)	(11)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(1,065)	(1,065)
21-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(319)	(319)
24-Jun-19	The Vanguard Group, Inc.	Buy	28.62	Ordinary	15,776	15,776
24-Jun-19	The Vanguard Group, Inc.	Buy	28.68	Ordinary	925	925
25-Jun-19	The Vanguard Group, Inc.	Sell	28.35	Ordinary	(8,190)	(8,190)
25-Jun-19	The Vanguard Group, Inc.	Sell	28.54	Ordinary	(16,847)	(16,847)
25-Jun-19	The Vanguard Group, Inc.	Buy	28.35	Ordinary	3,570	3,570
25-Jun-19	The Vanguard Group, Inc.	Buy	28.35	Ordinary	5,355	5,355
25-Jun-19	The Vanguard Group, Inc.	Buy	28.59	Ordinary	39,482	39,482
25-Jun-19	The Vanguard Group, Inc.	Buy	28.45	Ordinary	5,895	5,895
26-Jun-19	The Vanguard Group, Inc.	Buy	28.11	Ordinary	7,140	7,140
26-Jun-19	The Vanguard Group, Inc.	Buy	28.11	Ordinary	4,165	4,165
26-Jun-19	The Vanguard Group, Inc.	Buy	28.38	Ordinary	11,319	11,319
26-Jun-19	The Vanguard Group, Inc.	Buy	28.15	Ordinary	7,973	7,973
26-Jun-19	The Vanguard Group, Inc.	Buy	28.15	Ordinary	5,561	5,561
27-Jun-19	The Vanguard Group, Inc.	Buy	28.17	Ordinary	32,097	32,097
27-Jun-19	The Vanguard Group, Inc.	Buy	28.17	Ordinary	20,749	20,749
27-Jun-19	The Vanguard Group, Inc.	Buy	28.17	Ordinary	3,337	3,337
27-Jun-19	The Vanguard Group, Inc.	Sell	28.38	Ordinary	(2,462)	(2,462)
28-Jun-19	The Vanguard Group, Inc.	Buy	28.21	Ordinary	99,584	99,584
28-Jun-19	The Vanguard Group, Inc.	Buy	28.27	Ordinary	8,170	8,170
28-Jun-19	The Vanguard Group, Inc.	Sell	28.21	Ordinary	(530)	(530)
28-Jun-19	The Vanguard Group, Inc.	Sell	28.21	Ordinary	(93)	(93)
1-Jul-19	The Vanguard Group, Inc.	Buy	28.24	Ordinary	1,634	1,634
1-Jul-19	The Vanguard Group, Inc.	Buy	28.50	Ordinary	2,817	2,817
1-Jul-19	The Vanguard Group, Inc.	Buy	28.50	Ordinary	1,067	1,067
2-Jul-19	The Vanguard Group, Inc.	Buy	27.86	Ordinary	5,355	5,355
2-Jul-19	The Vanguard Group, Inc.	Buy	27.87	Ordinary	52,911	52,911
2-Jul-19	The Vanguard Group, Inc.	Sell	27.87	Ordinary	(116)	(116)
3-Jul-19	The Vanguard Group, Inc.	Buy	27.66	Ordinary	2,261	2,261
3-Jul-19	The Vanguard Group, Inc.	Buy	27.66	Ordinary	28,908	28,908
4-Jul-19	The Vanguard Group, Inc.	Buy	28.16	Ordinary	25,575	25,575
4-Jul-19	The Vanguard Group, Inc.	Buy	27.96	Ordinary	763	763
5-Jul-19	The Vanguard Group, Inc.	Buy	28.09	Ordinary	12,696	12,696
5-Jul-19	The Vanguard Group, Inc.	Buy	28.15	Ordinary	463	463
9-Jul-19	The Vanguard Group, Inc.	Buy	27.82	Ordinary	5,950	5,950
9-Jul-19	The Vanguard Group, Inc.	Buy	27.69	Ordinary	1,513	1,513
10-Jul-19	The Vanguard Group, Inc.	Buy	27.79	Ordinary	52,303	52,303
10-Jul-19	The Vanguard Group, Inc.	Buy	27.79	Ordinary	34,787	34,787
10-Jul-19	The Vanguard Group, Inc.	Buy	27.53	Ordinary	8,413	8,413
11-Jul-19	The Vanguard Group, Inc.	Buy	27.45	Ordinary	2,781	2,781
12-Jul-19	The Vanguard Group, Inc.	Buy	27.37	Ordinary	19,891	19,891
12-Jul-19	The Vanguard Group, Inc.	Buy	27.37	Ordinary	27,081	27,081
12-Jul-19	The Vanguard Group, Inc.	Sell	27.27	Ordinary	(13,633)	(13,633)
12-Jul-19	The Vanguard Group, Inc.	Sell	27.27	Ordinary	(43,507)	(43,507)
15-Jul-19	The Vanguard Group, Inc.	Buy	26.97	Ordinary	19,044	19,044
15-Jul-19	The Vanguard Group, Inc.	Sell	27.00	Ordinary	(2,859)	(2,859)
16-Jul-19	The Vanguard Group, Inc.	Buy	26.97	Ordinary	33,196	33,196
17-Jul-19	The Vanguard Group, Inc.	Buy	27.09	Ordinary	5,950	5,950
17-Jul-19	The Vanguard Group, Inc.	Buy	27.09	Ordinary	4,165	4,165
17-Jul-19	The Vanguard Group, Inc.	Buy	27.09	Ordinary	2,975	2,975
17-Jul-19	The Vanguard Group, Inc.	Buy	26.90	Ordinary	31,357	31,357
17-Jul-19	The Vanguard Group, Inc.	Sell	27.19	Ordinary	(1,830)	(1,830)
18-Jul-19	The Vanguard Group, Inc.	Buy	27.18	Ordinary	26,161	26,161
18-Jul-19	The Vanguard Group, Inc.	Sell	27.18	Ordinary	(5,971)	(5,971)
18-Jul-19	The Vanguard Group, Inc.	Buy	27.12	Ordinary	2,158	2,158
19-Jul-19	The Vanguard Group, Inc.	Buy	27.27	Ordinary	3,470	3,470
22-Jul-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	5,950	5,950
22-Jul-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	15,870	15,870
22-Jul-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	15,870	15,870
22-Jul-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	3,470	3,470
22-Jul-19	The Vanguard Group, Inc.	Sell	27.37	Ordinary	(50,325)	(50,325)
23-Jul-19	The Vanguard Group, Inc.	Buy	27.54	Ordinary	5,950	5,950

## 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-Jul-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	1,105	1,105
23-Jul-19	The Vanguard Group, Inc.	Buy	27.43	Ordinary	3,296	3,296
23-Jul-19	The Vanguard Group, Inc.	Buy	27.39	Ordinary	11,315	11,315
24-Jul-19	The Vanguard Group, Inc.	Buy	27.64	Ordinary	42,166	42,166
24-Jul-19	The Vanguard Group, Inc.	Buy	27.64	Ordinary	1,754	1,754
25-Jul-19	The Vanguard Group, Inc.	Buy	27.80	Ordinary	25,917	25,917
25-Jul-19	The Vanguard Group, Inc.	Buy	27.85	Ordinary	5,916	5,916
26-Jul-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	5,355	5,355
26-Jul-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	25,915	25,915
26-Jul-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	9,860	9,860
26-Jul-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	3,470	3,470
26-Jul-19	The Vanguard Group, Inc.	Sell	27.78	Ordinary	(11,136)	(11,136)
26-Jul-19	The Vanguard Group, Inc.	Buy	27.78	Ordinary	773	773
29-Jul-19	The Vanguard Group, Inc.	Sell	27.85	Ordinary	(62,010)	(62,010)
30-Jul-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(10,920)	(10,920)
30-Jul-19	The Vanguard Group, Inc.	Sell	27.97	Ordinary	(975)	(975)
30-Jul-19	The Vanguard Group, Inc.	Buy	28.01	Ordinary	1,608	1,608
30-Jul-19	The Vanguard Group, Inc.	Buy	28.00	Ordinary	36,931	36,931
30-Jul-19	The Vanguard Group, Inc.	Buy	28.00	Ordinary	5,561	5,561
31-Jul-19	The Vanguard Group, Inc.	Buy	27.79	Ordinary	5,355	5,355
1-Aug-19	The Vanguard Group, Inc.	Buy	27.95	Ordinary	105,687	105,687
1-Aug-19	The Vanguard Group, Inc.	Buy	27.84	Ordinary	28,566	28,566
1-Aug-19	The Vanguard Group, Inc.	Sell	28.01	Ordinary	(107,201)	(107,201)
1-Aug-19	The Vanguard Group, Inc.	Sell	27.70	Ordinary	(1,849)	(1,849)
1-Aug-19	The Vanguard Group, Inc.	Sell	27.70	Ordinary	(1,176)	(1,176)
2-Aug-19	The Vanguard Group, Inc.	Buy	27.66	Ordinary	78,497	78,497
2-Aug-19	The Vanguard Group, Inc.	Buy	27.73	Ordinary	7,888	7,888
5-Aug-19	The Vanguard Group, Inc.	Buy	27.01	Ordinary	5,950	5,950
5-Aug-19	The Vanguard Group, Inc.	Sell	27.01	Ordinary	(3,750)	(3,750)
5-Aug-19	The Vanguard Group, Inc.	Sell	27.01	Ordinary	(1,500)	(1,500)
5-Aug-19	The Vanguard Group, Inc.	Buy	27.01	Ordinary	9,860	9,860
5-Aug-19	The Vanguard Group, Inc.	Buy	27.77	Ordinary	6,396	6,396
5-Aug-19	The Vanguard Group, Inc.	Buy	27.31	Ordinary	2,210	2,210
6-Aug-19	The Vanguard Group, Inc.	Buy	26.61	Ordinary	71,155	71,155
6-Aug-19	The Vanguard Group, Inc.	Sell	26.96	Ordinary	(6,000)	(6,000)
6-Aug-19	The Vanguard Group, Inc.	Sell	26.96	Ordinary	(12,750)	(12,750)
6-Aug-19	The Vanguard Group, Inc.	Buy	26.96	Ordinary	1,735	1,735
6-Aug-19	The Vanguard Group, Inc.	Buy	26.96	Ordinary	1,608	1,608
6-Aug-19	The Vanguard Group, Inc.	Buy	26.70	Ordinary	28,485	28,485
6-Aug-19	The Vanguard Group, Inc.	Buy	26.72	Ordinary	3,552	3,552
6-Aug-19	The Vanguard Group, Inc.	Buy	26.72	Ordinary	1,549	1,549
7-Aug-19	The Vanguard Group, Inc.	Buy	26.70	Ordinary	87,219	87,219
7-Aug-19	The Vanguard Group, Inc.	Buy	26.70	Ordinary	24,549	24,549
7-Aug-19	The Vanguard Group, Inc.	Sell	26.60	Ordinary	(1,062)	(1,062)
7-Aug-19	The Vanguard Group, Inc.	Buy	26.70	Ordinary	29,987	29,987
8-Aug-19	The Vanguard Group, Inc.	Sell	26.99	Ordinary	(13,650)	(13,650)
8-Aug-19	The Vanguard Group, Inc.	Buy	26.65	Ordinary	18,797	18,797
8-Aug-19	The Vanguard Group, Inc.	Buy	26.81	Ordinary	4,266	4,266
9-Aug-19	The Vanguard Group, Inc.	Buy	26.91	Ordinary	40,396	40,396
9-Aug-19	The Vanguard Group, Inc.	Buy	26.98	Ordinary	5,205	5,205
9-Aug-19	The Vanguard Group, Inc.	Buy	26.91	Ordinary	1,425	1,425
12-Aug-19	The Vanguard Group, Inc.	Buy	26.98	Ordinary	9,520	9,520
12-Aug-19	The Vanguard Group, Inc.	Buy	27.16	Ordinary	1,105	1,105
13-Aug-19	The Vanguard Group, Inc.	Sell	27.20	Ordinary	(19,110)	(19,110)
13-Aug-19	The Vanguard Group, Inc.	Buy	27.08	Ordinary	27,239	27,239
13-Aug-19	The Vanguard Group, Inc.	Buy	27.08	Ordinary	16,719	16,719
13-Aug-19	The Vanguard Group, Inc.	Buy	27.20	Ordinary	3,470	3,470
13-Aug-19	The Vanguard Group, Inc.	Buy	27.01	Ordinary	1,842	1,842
14-Aug-19	The Vanguard Group, Inc.	Buy	27.11	Ordinary	27,274	27,274
14-Aug-19	The Vanguard Group, Inc.	Sell	27.10	Ordinary	(7,148)	(7,148)
14-Aug-19	The Vanguard Group, Inc.	Buy	27.03	Ordinary	1,513	1,513
15-Aug-19	The Vanguard Group, Inc.	Sell	26.15	Ordinary	(16,380)	(16,380)
15-Aug-19	The Vanguard Group, Inc.	Buy	26.50	Ordinary	73,552	73,552
15-Aug-19	The Vanguard Group, Inc.	Buy	26.50	Ordinary	2,137	2,137
15-Aug-19	The Vanguard Group, Inc.	Buy	26.23	Ordinary	1,104	1,104

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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
15-Aug-19	The Vanguard Group, Inc.	Buy	26.50	Ordinary	9	9
16-Aug-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	42,047	42,047
16-Aug-19	The Vanguard Group, Inc.	Buy	26.17	Ordinary	77,788	77,788
16-Aug-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	12,682	12,682
16-Aug-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	7,526	7,526
16-Aug-19	The Vanguard Group, Inc.	Buy	26.39	Ordinary	1,523	1,523
19-Aug-19	The Vanguard Group, Inc.	Buy	26.79	Ordinary	1,608	1,608
19-Aug-19	The Vanguard Group, Inc.	Buy	26.72	Ordinary	30,749	30,749
19-Aug-19	The Vanguard Group, Inc.	Sell	26.72	Ordinary	(2,014)	(2,014)
19-Aug-19	The Vanguard Group, Inc.	Buy	26.51	Ordinary	10,628	10,628
19-Aug-19	The Vanguard Group, Inc.	Buy	26.72	Ordinary	5,156	5,156
20-Aug-19	The Vanguard Group, Inc.	Buy	26.69	Ordinary	28,060	28,060
20-Aug-19	The Vanguard Group, Inc.	Sell	26.55	Ordinary	(3,000)	(3,000)
20-Aug-19	The Vanguard Group, Inc.	Buy	26.55	Ordinary	1,608	1,608
20-Aug-19	The Vanguard Group, Inc.	Sell	26.70	Ordinary	(4,574)	(4,574)
20-Aug-19	The Vanguard Group, Inc.	Buy	26.69	Ordinary	184	184
22-Aug-19	The Vanguard Group, Inc.	Buy	26.52	Ordinary	27,931	27,931
22-Aug-19	The Vanguard Group, Inc.	Buy	26.57	Ordinary	11,900	11,900
22-Aug-19	The Vanguard Group, Inc.	Sell	26.49	Ordinary	(48,748)	(48,748)
23-Aug-19	The Vanguard Group, Inc.	Buy	26.17	Ordinary	1,608	1,608
27-Aug-19	The Vanguard Group, Inc.	Buy	26.33	Ordinary	40,895	40,895
27-Aug-19	The Vanguard Group, Inc.	Sell	26.39	Ordinary	(2,117)	(2,117)
27-Aug-19	The Vanguard Group, Inc.	Sell	26.39	Ordinary	(59,535)	(59,535)
27-Aug-19	The Vanguard Group, Inc.	Buy	26.38	Ordinary	6,614	6,614
28-Aug-19	The Vanguard Group, Inc.	Sell	26.16	Ordinary	(5,651)	(5,651)
28-Aug-19	The Vanguard Group, Inc.	Sell	26.18	Ordinary	(5,527)	(5,527)
29-Aug-19	The Vanguard Group, Inc.	Buy	26.32	Ordinary	40,104	40,104
30-Aug-19	The Vanguard Group, Inc.	Buy	26.74	Ordinary	38,005	38,005
30-Aug-19	The Vanguard Group, Inc.	Buy	26.56	Ordinary	23,771	23,771
2-Sep-19	The Vanguard Group, Inc.	Buy	26.71	Ordinary	28,370	28,370
5-Sep-19	The Vanguard Group, Inc.	Buy	26.76	Ordinary	51,761	51,761
5-Sep-19	The Vanguard Group, Inc.	Buy	26.88	Ordinary	1,814	1,814
6-Sep-19	The Vanguard Group, Inc.	Buy	26.90	Ordinary	7,759	7,759
6-Sep-19	The Vanguard Group, Inc.	Sell	26.93	Ordinary	(554)	(554)
6-Sep-19	The Vanguard Group, Inc.	Sell	26.93	Ordinary	(12,160)	(12,160)
6-Sep-19	The Vanguard Group, Inc.	Buy	27.07	Ordinary	1,499	1,499
6-Sep-19	The Vanguard Group, Inc.	Buy	27.07	Ordinary	1,475	1,475
9-Sep-19	The Vanguard Group, Inc.	Buy	27.23	Ordinary	7,735	7,735
10-Sep-19	The Vanguard Group, Inc.	Sell	27.35	Ordinary	(236)	(236)
10-Sep-19	The Vanguard Group, Inc.	Sell	27.23	Ordinary	(1,437)	(1,437)
11-Sep-19	The Vanguard Group, Inc.	Buy	27.60	Ordinary	7,735	7,735
12-Sep-19	The Vanguard Group, Inc.	Buy	27.67	Ordinary	5,950	5,950
12-Sep-19	The Vanguard Group, Inc.	Buy	27.67	Ordinary	24,032	24,032
13-Sep-19	The Vanguard Group, Inc.	Sell	27.75	Ordinary	(852)	(852)
16-Sep-19	The Vanguard Group, Inc.	Buy	27.67	Ordinary	8,190	8,190
16-Sep-19	The Vanguard Group, Inc.	Buy	27.67	Ordinary	1,608	1,608
16-Sep-19	The Vanguard Group, Inc.	Buy	27.60	Ordinary	15,591	15,591
17-Sep-19	The Vanguard Group, Inc.	Buy	27.75	Ordinary	1,105	1,105
18-Sep-19	The Vanguard Group, Inc.	Buy	27.78	Ordinary	5,355	5,355
18-Sep-19	The Vanguard Group, Inc.	Sell	27.69	Ordinary	(14,051)	(14,051)
20-Sep-19	The Vanguard Group, Inc.	Sell	27.91	Ordinary	(398,750)	(398,750)
20-Sep-19	The Vanguard Group, Inc.	Buy	27.91	Ordinary	17,230	17,230
20-Sep-19	The Vanguard Group, Inc.	Sell	27.91	Ordinary	(8,380)	(8,380)
20-Sep-19	The Vanguard Group, Inc.	Sell	27.91	Ordinary	(3,367)	(3,367)
23-Sep-19	The Vanguard Group, Inc.	Buy	27.92	Ordinary	5,950	5,950
24-Sep-19	The Vanguard Group, Inc.	Buy	28.28	Ordinary	42,992	42,992
24-Sep-19	The Vanguard Group, Inc.	Sell	28.28	Ordinary	(2,160)	(2,160)
24-Sep-19	The Vanguard Group, Inc.	Buy	28.28	Ordinary	1,080	1,080
25-Sep-19	The Vanguard Group, Inc.	Buy	28.52	Ordinary	5,950	5,950
25-Sep-19	The Vanguard Group, Inc.	Buy	28.40	Ordinary	42,219	42,219
25-Sep-19	The Vanguard Group, Inc.	Buy	28.40	Ordinary	1,135	1,135
25-Sep-19	The Vanguard Group, Inc.	Buy	28.11	Ordinary	1,168	1,168
26-Sep-19	The Vanguard Group, Inc.	Buy	28.41	Ordinary	9,813	9,813
27-Sep-19	The Vanguard Group, Inc.	Sell	28.68	Ordinary	(1,136)	(1,136)
27-Sep-19	The Vanguard Group, Inc.	Buy	28.68	Ordinary	1,348	1,348



## 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
30-Sep-19	The Vanguard Group, Inc.	Buy	28.46	Ordinary	3,432	3,432
30-Sep-19	The Vanguard Group, Inc.	Sell	28.52	Ordinary	(1,235)	(1,235)
1-Oct-19	The Vanguard Group, Inc.	Buy	28.49	Ordinary	5,507	5,507
1-Oct-19	The Vanguard Group, Inc.	Buy	28.49	Ordinary	1,114	1,114
1-Oct-19	The Vanguard Group, Inc.	Buy	28.49	Ordinary	26	26
2-Oct-19	The Vanguard Group, Inc.	Buy	27.60	Ordinary	1,716	1,716
2-Oct-19	The Vanguard Group, Inc.	Buy	27.60	Ordinary	1,608	1,608
2-Oct-19	The Vanguard Group, Inc.	Buy	28.05	Ordinary	391	391
3-Oct-19	The Vanguard Group, Inc.	Buy	27.56	Ordinary	64,798	64,798
4-Oct-19	The Vanguard Group, Inc.	Buy	27.17	Ordinary	31,243	31,243
4-Oct-19	The Vanguard Group, Inc.	Buy	27.44	Ordinary	1,608	1,608
4-Oct-19	The Vanguard Group, Inc.	Buy	27.17	Ordinary	1,023	1,023
7-Oct-19	The Vanguard Group, Inc.	Buy	27.45	Ordinary	12,413	12,413
8-Oct-19	The Vanguard Group, Inc.	Buy	27.17	Ordinary	1,608	1,608
8-Oct-19	The Vanguard Group, Inc.	Buy	27.49	Ordinary	500	500
10-Oct-19	The Vanguard Group, Inc.	Buy	27.31	Ordinary	5,950	5,950
10-Oct-19	The Vanguard Group, Inc.	Buy	27.31	Ordinary	17,850	17,850
10-Oct-19	The Vanguard Group, Inc.	Sell	27.31	Ordinary	(5,474)	(5,474)
15-Oct-19	The Vanguard Group, Inc.	Buy	28.01	Ordinary	4,760	4,760
15-Oct-19	The Vanguard Group, Inc.	Sell	27.73	Ordinary	(488)	(488)
16-Oct-19	The Vanguard Group, Inc.	Buy	28.07	Ordinary	3,432	3,432
16-Oct-19	The Vanguard Group, Inc.	Buy	28.16	Ordinary	1,023	1,023
17-Oct-19	The Vanguard Group, Inc.	Buy	28.15	Ordinary	29,752	29,752
17-Oct-19	The Vanguard Group, Inc.	Buy	28.15	Ordinary	8,055	8,055
21-Oct-19	The Vanguard Group, Inc.	Buy	27.80	Ordinary	3,432	3,432
21-Oct-19	The Vanguard Group, Inc.	Buy	27.71	Ordinary	1,477	1,477
22-Oct-19	The Vanguard Group, Inc.	Buy	27.86	Ordinary	10,889	10,889
23-Oct-19	The Vanguard Group, Inc.	Buy	28.03	Ordinary	5,950	5,950
23-Oct-19	The Vanguard Group, Inc.	Sell	27.83	Ordinary	(18,848)	(18,848)
23-Oct-19	The Vanguard Group, Inc.	Buy	27.90	Ordinary	485	485
23-Oct-19	The Vanguard Group, Inc.	Buy	27.90	Ordinary	546	546
24-Oct-19	The Vanguard Group, Inc.	Buy	27.99	Ordinary	19,331	19,331
25-Oct-19	The Vanguard Group, Inc.	Sell	28.19	Ordinary	(32,652)	(32,652)
25-Oct-19	The Vanguard Group, Inc.	Buy	28.19	Ordinary	3,432	3,432
25-Oct-19	The Vanguard Group, Inc.	Buy	28.19	Ordinary	2,430	2,430
25-Oct-19	The Vanguard Group, Inc.	Buy	28.03	Ordinary	1,477	1,477
25-Oct-19	The Vanguard Group, Inc.	Buy	28.03	Ordinary	33,753	33,753
25-Oct-19	The Vanguard Group, Inc.	Sell	28.03	Ordinary	(76)	(76)
28-Oct-19	The Vanguard Group, Inc.	Buy	28.03	Ordinary	87,828	87,828
29-Oct-19	The Vanguard Group, Inc.	Sell	27.93	Ordinary	(26,904)	(26,904)
29-Oct-19	The Vanguard Group, Inc.	Buy	27.93	Ordinary	2,591	2,591
31-Oct-19	The Vanguard Group, Inc.	Sell	26.74	Ordinary	(38,551)	(38,551)
1-Nov-19	The Vanguard Group, Inc.	Buy	26.48	Ordinary	907	907
4-Nov-19	The Vanguard Group, Inc.	Buy	26.20	Ordinary	22,343	22,343
4-Nov-19	The Vanguard Group, Inc.	Sell	26.20	Ordinary	(14,416)	(14,416)
4-Nov-19	The Vanguard Group, Inc.	Sell	25.95	Ordinary	(428)	(428)
4-Nov-19	The Vanguard Group, Inc.	Buy	26.20	Ordinary	3,529	3,529
4-Nov-19	The Vanguard Group, Inc.	Buy	26.20	Ordinary	549	549
4-Nov-19	The Vanguard Group, Inc.	Buy	26.20	Ordinary	1,930	1,930
5-Nov-19	The Vanguard Group, Inc.	Buy	25.98	Ordinary	11,900	11,900
5-Nov-19	The Vanguard Group, Inc.	Sell	26.02	Ordinary	(1,036)	(1,036)
5-Nov-19	The Vanguard Group, Inc.	Buy	26.02	Ordinary	13,260	13,260
5-Nov-19	The Vanguard Group, Inc.	Buy	26.02	Ordinary	5,599	5,599
6-Nov-19	The Vanguard Group, Inc.	Buy	26.10	Ordinary	112,784	112,784
6-Nov-19	The Vanguard Group, Inc.	Buy	26.03	Ordinary	5,950	5,950
6-Nov-19	The Vanguard Group, Inc.	Buy	26.10	Ordinary	8,025	8,025
6-Nov-19	The Vanguard Group, Inc.	Buy	26.10	Ordinary	2,795	2,795
6-Nov-19	The Vanguard Group, Inc.	Buy	26.10	Ordinary	2,784	2,784
7-Nov-19	The Vanguard Group, Inc.	Buy	26.02	Ordinary	21,218	21,218
7-Nov-19	The Vanguard Group, Inc.	Buy	26.12	Ordinary	4,728	4,728
7-Nov-19	The Vanguard Group, Inc.	Buy	26.02	Ordinary	7,622	7,622
8-Nov-19	The Vanguard Group, Inc.	Buy	26.34	Ordinary	1,620	1,620
8-Nov-19	The Vanguard Group, Inc.	Buy	26.25	Ordinary	15,255	15,255
8-Nov-19	The Vanguard Group, Inc.	Buy	26.25	Ordinary	1,477	1,477
8-Nov-19	The Vanguard Group, Inc.	Buy	26.25	Ordinary	235	235

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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
11-Nov-19	The Vanguard Group, Inc.	Buy	25.60	Ordinary	8,330	8,330
11-Nov-19	The Vanguard Group, Inc.	Buy	25.58	Ordinary	771	771
13-Nov-19	The Vanguard Group, Inc.	Buy	25.17	Ordinary	3,955	3,955
13-Nov-19	The Vanguard Group, Inc.	Buy	25.40	Ordinary	1,719	1,719
13-Nov-19	The Vanguard Group, Inc.	Buy	25.40	Ordinary	307	307
13-Nov-19	The Vanguard Group, Inc.	Buy	25.40	Ordinary	154	154
14-Nov-19	The Vanguard Group, Inc.	Buy	25.19	Ordinary	16,659	16,659
15-Nov-19	The Vanguard Group, Inc.	Buy	25.33	Ordinary	4,760	4,760
15-Nov-19	The Vanguard Group, Inc.	Buy	25.33	Ordinary	1,620	1,620
18-Nov-19	The Vanguard Group, Inc.	Buy	25.24	Ordinary	6,545	6,545
18-Nov-19	The Vanguard Group, Inc.	Buy	25.24	Ordinary	5,148	5,148
18-Nov-19	The Vanguard Group, Inc.	Buy	25.30	Ordinary	3,069	3,069
18-Nov-19	The Vanguard Group, Inc.	Buy	25.30	Ordinary	267	267
18-Nov-19	The Vanguard Group, Inc.	Buy	25.50	Ordinary	408	408
19-Nov-19	The Vanguard Group, Inc.	Buy	25.30	Ordinary	9,122	9,122
19-Nov-19	The Vanguard Group, Inc.	Buy	25.42	Ordinary	2,185	2,185
19-Nov-19	The Vanguard Group, Inc.	Buy	25.42	Ordinary	1,477	1,477
20-Nov-19	The Vanguard Group, Inc.	Buy	24.90	Ordinary	766	766
20-Nov-19	The Vanguard Group, Inc.	Buy	24.90	Ordinary	2,270	2,270
20-Nov-19	The Vanguard Group, Inc.	Buy	24.90	Ordinary	140	140
21-Nov-19	The Vanguard Group, Inc.	Buy	24.81	Ordinary	1,620	1,620
21-Nov-19	The Vanguard Group, Inc.	Buy	24.81	Ordinary	258	258
22-Nov-19	The Vanguard Group, Inc.	Buy	24.85	Ordinary	9,520	9,520
22-Nov-19	The Vanguard Group, Inc.	Sell	24.75	Ordinary	(1,912)	(1,912)
22-Nov-19	The Vanguard Group, Inc.	Buy	24.86	Ordinary	2,046	2,046
22-Nov-19	The Vanguard Group, Inc.	Buy	24.86	Ordinary	396	396
25-Nov-19	The Vanguard Group, Inc.	Buy	24.90	Ordinary	11,900	11,900
25-Nov-19	The Vanguard Group, Inc.	Buy	24.92	Ordinary	15,282	15,282
25-Nov-19	The Vanguard Group, Inc.	Buy	24.83	Ordinary	1,023	1,023
26-Nov-19	The Vanguard Group, Inc.	Buy	24.86	Ordinary	3,975	3,975
26-Nov-19	The Vanguard Group, Inc.	Sell	24.94	Ordinary	(279)	(279)
26-Nov-19	The Vanguard Group, Inc.	Buy	24.86	Ordinary	810	810
26-Nov-19	The Vanguard Group, Inc.	Buy	24.94	Ordinary	33,336	33,336
27-Nov-19	The Vanguard Group, Inc.	Buy	25.05	Ordinary	1,716	1,716
27-Nov-19	The Vanguard Group, Inc.	Buy	25.06	Ordinary	5,509	5,509
27-Nov-19	The Vanguard Group, Inc.	Buy	25.06	Ordinary	9,284	9,284
27-Nov-19	The Vanguard Group, Inc.	Buy	25.06	Ordinary	1,023	1,023
29-Nov-19	The Vanguard Group, Inc.	Buy	24.83	Ordinary	15,900	15,900
29-Nov-19	The Vanguard Group, Inc.	Buy	24.83	Ordinary	1,620	1,620
29-Nov-19	The Vanguard Group, Inc.	Buy	24.84	Ordinary	1,454	1,454
29-Nov-19	The Vanguard Group, Inc.	Buy	24.84	Ordinary	1,023	1,023
29-Nov-19	The Vanguard Group, Inc.	Buy	24.84	Ordinary	856	856
2-Dec-19	The Vanguard Group, Inc.	Buy	24.64	Ordinary	44,436	44,436
3-Dec-19	The Vanguard Group, Inc.	Buy	24.44	Ordinary	6,864	6,864
3-Dec-19	The Vanguard Group, Inc.	Buy	24.72	Ordinary	2,908	2,908
3-Dec-19	The Vanguard Group, Inc.	Buy	24.72	Ordinary	1,454	1,454
4-Dec-19	The Vanguard Group, Inc.	Buy	24.25	Ordinary	7,448	7,448
4-Dec-19	The Vanguard Group, Inc.	Buy	24.27	Ordinary	4,760	4,760
4-Dec-19	The Vanguard Group, Inc.	Buy	24.19	Ordinary	24,946	24,946
4-Dec-19	The Vanguard Group, Inc.	Buy	24.19	Ordinary	2,046	2,046
4-Dec-19	The Vanguard Group, Inc.	Buy	24.19	Ordinary	716	716
5-Dec-19	The Vanguard Group, Inc.	Buy	24.68	Ordinary	25,402	25,402
5-Dec-19	The Vanguard Group, Inc.	Sell	24.68	Ordinary	(6,959)	(6,959)
5-Dec-19	The Vanguard Group, Inc.	Buy	24.64	Ordinary	4,890	4,890
6-Dec-19	The Vanguard Group, Inc.	Buy	24.71	Ordinary	26,216	26,216
6-Dec-19	The Vanguard Group, Inc.	Buy	24.59	Ordinary	50,379	50,379
6-Dec-19	The Vanguard Group, Inc.	Buy	24.59	Ordinary	1,030	1,030
6-Dec-19	The Vanguard Group, Inc.	Buy	24.71	Ordinary	912	912
9-Dec-19	The Vanguard Group, Inc.	Buy	24.58	Ordinary	9,252	9,252
9-Dec-19	The Vanguard Group, Inc.	Buy	24.61	Ordinary	2,661	2,661
10-Dec-19	The Vanguard Group, Inc.	Buy	24.42	Ordinary	1,454	1,454
11-Dec-19	The Vanguard Group, Inc.	Buy	24.33	Ordinary	7,140	7,140
11-Dec-19	The Vanguard Group, Inc.	Buy	24.46	Ordinary	33,789	33,789
11-Dec-19	The Vanguard Group, Inc.	Buy	24.33	Ordinary	1,620	1,620
11-Dec-19	The Vanguard Group, Inc.	Buy	24.33	Ordinary	1,620	1,620

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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
11-Dec-19	The Vanguard Group, Inc.	Buy	24.53	Ordinary	464	464
12-Dec-19	The Vanguard Group, Inc.	Buy	24.28	Ordinary	8,925	8,925
12-Dec-19	The Vanguard Group, Inc.	Buy	24.28	Ordinary	5,601	5,601
12-Dec-19	The Vanguard Group, Inc.	Sell	24.22	Ordinary	(1,514)	(1,514)
12-Dec-19	The Vanguard Group, Inc.	Buy	24.22	Ordinary	263	263
13-Dec-19	The Vanguard Group, Inc.	Sell	24.37	Ordinary	(379)	(379)
13-Dec-19	The Vanguard Group, Inc.	Buy	24.73	Ordinary	3,432	3,432
16-Dec-19	The Vanguard Group, Inc.	Buy	25.03	Ordinary	1,620	1,620
16-Dec-19	The Vanguard Group, Inc.	Buy	25.05	Ordinary	1,739	1,739
17-Dec-19	The Vanguard Group, Inc.	Buy	25.03	Ordinary	11,900	11,900
17-Dec-19	The Vanguard Group, Inc.	Buy	25.03	Ordinary	6,545	6,545
20-Dec-19	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(6,020)	(6,020)
20-Dec-19	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(78,966)	(78,966)
20-Dec-19	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(33,122)	(33,122)
20-Dec-19	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(624)	(624)
20-Dec-19	The Vanguard Group, Inc.	Buy	24.80	Ordinary	19,439	19,439
20-Dec-19	The Vanguard Group, Inc.	Buy	24.91	Ordinary	958	958
23-Dec-19	The Vanguard Group, Inc.	Sell	24.68	Ordinary	(9,736)	(9,736)
23-Dec-19	The Vanguard Group, Inc.	Buy	24.68	Ordinary	44,436	44,436
23-Dec-19	The Vanguard Group, Inc.	Buy	24.68	Ordinary	9,522	9,522
23-Dec-19	The Vanguard Group, Inc.	Buy	24.68	Ordinary	5,148	5,148
23-Dec-19	The Vanguard Group, Inc.	Buy	24.73	Ordinary	904	904
23-Dec-19	The Vanguard Group, Inc.	Buy	24.68	Ordinary	209	209
24-Dec-19	The Vanguard Group, Inc.	Buy	24.74	Ordinary	19,044	19,044
24-Dec-19	The Vanguard Group, Inc.	Buy	24.73	Ordinary	2,046	2,046
26-Dec-19	The Vanguard Group, Inc.	Buy	24.70	Ordinary	47,610	47,610
27-Dec-19	The Vanguard Group, Inc.	Buy	24.74	Ordinary	16,703	16,703
27-Dec-19	The Vanguard Group, Inc.	Buy	24.74	Ordinary	1,264	1,264
27-Dec-19	The Vanguard Group, Inc.	Buy	24.62	Ordinary	1,620	1,620
27-Dec-19	The Vanguard Group, Inc.	Buy	24.78	Ordinary	2,533	2,533
30-Dec-19	The Vanguard Group, Inc.	Buy	24.59	Ordinary	5,950	5,950
30-Dec-19	The Vanguard Group, Inc.	Sell	24.77	Ordinary	(29,650)	(29,650)
30-Dec-19	The Vanguard Group, Inc.	Buy	24.80	Ordinary	8,145	8,145
30-Dec-19	The Vanguard Group, Inc.	Buy	24.80	Ordinary	1,023	1,023
30-Dec-19	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(1,284)	(1,284)
31-Dec-19	The Vanguard Group, Inc.	Buy	24.58	Ordinary	83,627	83,627
31-Dec-19	The Vanguard Group, Inc.	Buy	24.63	Ordinary	1,454	1,454
31-Dec-19	The Vanguard Group, Inc.	Buy	24.63	Ordinary	1,454	1,454
2-Jan-20	The Vanguard Group, Inc.	Buy	24.67	Ordinary	1,620	1,620
2-Jan-20	The Vanguard Group, Inc.	Buy	24.55	Ordinary	1,023	1,023
3-Jan-20	The Vanguard Group, Inc.	Buy	24.79	Ordinary	18,343	18,343
3-Jan-20	The Vanguard Group, Inc.	Buy	24.79	Ordinary	31,801	31,801
3-Jan-20	The Vanguard Group, Inc.	Buy	24.71	Ordinary	1,620	1,620
6-Jan-20	The Vanguard Group, Inc.	Buy	24.63	Ordinary	1,662	1,662
6-Jan-20	The Vanguard Group, Inc.	Buy	24.70	Ordinary	1,746	1,746
6-Jan-20	The Vanguard Group, Inc.	Buy	24.70	Ordinary	4,860	4,860
6-Jan-20	The Vanguard Group, Inc.	Buy	24.60	Ordinary	1,482	1,482
7-Jan-20	The Vanguard Group, Inc.	Buy	24.92	Ordinary	85,196	85,196
7-Jan-20	The Vanguard Group, Inc.	Buy	24.95	Ordinary	2,139	2,139
7-Jan-20	The Vanguard Group, Inc.	Buy	24.95	Ordinary	485	485
8-Jan-20	The Vanguard Group, Inc.	Buy	24.96	Ordinary	17,850	17,850
8-Jan-20	The Vanguard Group, Inc.	Buy	24.86	Ordinary	45,365	45,365
8-Jan-20	The Vanguard Group, Inc.	Buy	24.86	Ordinary	1,454	1,454
9-Jan-20	The Vanguard Group, Inc.	Buy	24.83	Ordinary	5,355	5,355
9-Jan-20	The Vanguard Group, Inc.	Buy	24.83	Ordinary	57,132	57,132
9-Jan-20	The Vanguard Group, Inc.	Sell	24.89	Ordinary	(9,048)	(9,048)
9-Jan-20	The Vanguard Group, Inc.	Buy	24.89	Ordinary	5,378	5,378
9-Jan-20	The Vanguard Group, Inc.	Buy	24.89	Ordinary	6,557	6,557
10-Jan-20	The Vanguard Group, Inc.	Buy	25.08	Ordinary	34,165	34,165
10-Jan-20	The Vanguard Group, Inc.	Buy	24.92	Ordinary	4,800	4,800
10-Jan-20	The Vanguard Group, Inc.	Sell	25.09	Ordinary	(836)	(836)
10-Jan-20	The Vanguard Group, Inc.	Buy	24.92	Ordinary	3,492	3,492
10-Jan-20	The Vanguard Group, Inc.	Sell	25.09	Ordinary	(24,106)	(24,106)
10-Jan-20	The Vanguard Group, Inc.	Buy	25.12	Ordinary	1,454	1,454
10-Jan-20	The Vanguard Group, Inc.	Buy	25.12	Ordinary	2,046	2,046

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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
10-Jan-20	The Vanguard Group, Inc.	Buy	25.12	Ordinary	8,223	8,223
13-Jan-20	The Vanguard Group, Inc.	Buy	25.01	Ordinary	5,491	5,491
13-Jan-20	The Vanguard Group, Inc.	Buy	25.01	Ordinary	1,454	1,454
14-Jan-20	The Vanguard Group, Inc.	Buy	25.14	Ordinary	27,964	27,964
14-Jan-20	The Vanguard Group, Inc.	Buy	25.17	Ordinary	3,492	3,492
15-Jan-20	The Vanguard Group, Inc.	Buy	25.24	Ordinary	25,392	25,392
15-Jan-20	The Vanguard Group, Inc.	Buy	25.25	Ordinary	1,454	1,454
15-Jan-20	The Vanguard Group, Inc.	Buy	25.21	Ordinary	576	576
16-Jan-20	The Vanguard Group, Inc.	Buy	25.40	Ordinary	25,445	25,445
16-Jan-20	The Vanguard Group, Inc.	Buy	25.47	Ordinary	28,566	28,566
16-Jan-20	The Vanguard Group, Inc.	Sell	25.40	Ordinary	(26,177)	(26,177)
16-Jan-20	The Vanguard Group, Inc.	Buy	25.42	Ordinary	1,023	1,023
17-Jan-20	The Vanguard Group, Inc.	Buy	25.59	Ordinary	25,546	25,546
17-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	28,566	28,566
17-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	25,392	25,392
17-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	793	793
17-Jan-20	The Vanguard Group, Inc.	Buy	25.42	Ordinary	4,175	4,175
20-Jan-20	The Vanguard Group, Inc.	Buy	25.45	Ordinary	2,852	2,852
20-Jan-20	The Vanguard Group, Inc.	Buy	25.49	Ordinary	2,700	2,700
21-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	4,800	4,800
21-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	9,600	9,600
21-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	28,005	28,005
21-Jan-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	2,379	2,379
22-Jan-20	The Vanguard Group, Inc.	Buy	25.53	Ordinary	23,270	23,270
22-Jan-20	The Vanguard Group, Inc.	Buy	25.62	Ordinary	19,044	19,044
22-Jan-20	The Vanguard Group, Inc.	Buy	25.72	Ordinary	5,491	5,491
22-Jan-20	The Vanguard Group, Inc.	Buy	25.72	Ordinary	1,629	1,629
23-Jan-20	The Vanguard Group, Inc.	Buy	25.73	Ordinary	5,950	5,950
23-Jan-20	The Vanguard Group, Inc.	Buy	25.76	Ordinary	62,115	62,115
23-Jan-20	The Vanguard Group, Inc.	Buy	25.73	Ordinary	15,870	15,870
23-Jan-20	The Vanguard Group, Inc.	Sell	25.78	Ordinary	(40,100)	(40,100)
23-Jan-20	The Vanguard Group, Inc.	Buy	25.73	Ordinary	5,238	5,238
23-Jan-20	The Vanguard Group, Inc.	Buy	25.75	Ordinary	1,023	1,023
23-Jan-20	The Vanguard Group, Inc.	Buy	25.75	Ordinary	2,046	2,046
24-Jan-20	The Vanguard Group, Inc.	Buy	25.89	Ordinary	34,805	34,805
24-Jan-20	The Vanguard Group, Inc.	Buy	25.90	Ordinary	898	898
28-Jan-20	The Vanguard Group, Inc.	Buy	25.56	Ordinary	63,493	63,493
28-Jan-20	The Vanguard Group, Inc.	Sell	25.60	Ordinary	(4,254)	(4,254)
28-Jan-20	The Vanguard Group, Inc.	Sell	25.60	Ordinary	(1,274)	(1,274)
28-Jan-20	The Vanguard Group, Inc.	Buy	25.46	Ordinary	1,454	1,454
29-Jan-20	The Vanguard Group, Inc.	Buy	25.73	Ordinary	33,430	33,430
29-Jan-20	The Vanguard Group, Inc.	Buy	25.79	Ordinary	2,046	2,046
29-Jan-20	The Vanguard Group, Inc.	Buy	25.73	Ordinary	17,660	17,660
30-Jan-20	The Vanguard Group, Inc.	Buy	25.82	Ordinary	26,161	26,161
30-Jan-20	The Vanguard Group, Inc.	Buy	25.97	Ordinary	1,746	1,746
30-Jan-20	The Vanguard Group, Inc.	Buy	25.83	Ordinary	1,013	1,013
30-Jan-20	The Vanguard Group, Inc.	Buy	25.83	Ordinary	1,013	1,013
31-Jan-20	The Vanguard Group, Inc.	Buy	25.43	Ordinary	19,044	19,044
31-Jan-20	The Vanguard Group, Inc.	Buy	25.43	Ordinary	19,044	19,044
31-Jan-20	The Vanguard Group, Inc.	Buy	25.43	Ordinary	1,586	1,586
31-Jan-20	The Vanguard Group, Inc.	Buy	25.75	Ordinary	54,993	54,993
31-Jan-20	The Vanguard Group, Inc.	Buy	25.75	Ordinary	7,687	7,687
31-Jan-20	The Vanguard Group, Inc.	Buy	25.75	Ordinary	968	968
31-Jan-20	The Vanguard Group, Inc.	Buy	25.94	Ordinary	875	875
3-Feb-20	The Vanguard Group, Inc.	Buy	25.25	Ordinary	50,269	50,269
3-Feb-20	The Vanguard Group, Inc.	Buy	25.60	Ordinary	20,825	20,825
3-Feb-20	The Vanguard Group, Inc.	Buy	25.29	Ordinary	16,473	16,473
4-Feb-20	The Vanguard Group, Inc.	Buy	25.84	Ordinary	10,710	10,710
4-Feb-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	51,742	51,742
4-Feb-20	The Vanguard Group, Inc.	Sell	25.84	Ordinary	(6,400)	(6,400)
4-Feb-20	The Vanguard Group, Inc.	Buy	25.84	Ordinary	7,408	7,408
4-Feb-20	The Vanguard Group, Inc.	Buy	25.84	Ordinary	29,632	29,632
4-Feb-20	The Vanguard Group, Inc.	Buy	25.50	Ordinary	1,936	1,936
4-Feb-20	The Vanguard Group, Inc.	Sell	25.45	Ordinary	(5,801)	(5,801)
4-Feb-20	The Vanguard Group, Inc.	Buy	25.67	Ordinary	6,278	6,278

## 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
4-Feb-20	The Vanguard Group, Inc.	Buy	25.67	Ordinary	1,454	1,454
4-Feb-20	The Vanguard Group, Inc.	Buy	25.67	Ordinary	3,039	3,039
4-Feb-20	The Vanguard Group, Inc.	Buy	25.67	Ordinary	280	280
5-Feb-20	The Vanguard Group, Inc.	Buy	26.03	Ordinary	14,875	14,875
5-Feb-20	The Vanguard Group, Inc.	Buy	26.03	Ordinary	59,603	59,603
5-Feb-20	The Vanguard Group, Inc.	Buy	26.03	Ordinary	21,959	21,959
5-Feb-20	The Vanguard Group, Inc.	Sell	25.88	Ordinary	(828)	(828)
6-Feb-20	The Vanguard Group, Inc.	Buy	25.98	Ordinary	70,804	70,804
6-Feb-20	The Vanguard Group, Inc.	Buy	26.11	Ordinary	5,238	5,238
6-Feb-20	The Vanguard Group, Inc.	Buy	26.11	Ordinary	3,539	3,539
7-Feb-20	The Vanguard Group, Inc.	Buy	26.08	Ordinary	4,760	4,760
10-Feb-20	The Vanguard Group, Inc.	Buy	26.14	Ordinary	28,233	28,233
10-Feb-20	The Vanguard Group, Inc.	Buy	26.14	Ordinary	1,586	1,586
10-Feb-20	The Vanguard Group, Inc.	Buy	25.95	Ordinary	5,491	5,491
10-Feb-20	The Vanguard Group, Inc.	Buy	25.95	Ordinary	2,026	2,026
10-Feb-20	The Vanguard Group, Inc.	Buy	26.08	Ordinary	2,649	2,649
11-Feb-20	The Vanguard Group, Inc.	Buy	26.22	Ordinary	18,822	18,822
11-Feb-20	The Vanguard Group, Inc.	Buy	26.13	Ordinary	1,454	1,454
11-Feb-20	The Vanguard Group, Inc.	Buy	26.13	Ordinary	1,454	1,454
12-Feb-20	The Vanguard Group, Inc.	Buy	26.25	Ordinary	23,457	23,457
12-Feb-20	The Vanguard Group, Inc.	Buy	26.25	Ordinary	7,530	7,530
12-Feb-20	The Vanguard Group, Inc.	Buy	26.34	Ordinary	49,181	49,181
12-Feb-20	The Vanguard Group, Inc.	Buy	26.25	Ordinary	682	682
13-Feb-20	The Vanguard Group, Inc.	Buy	26.55	Ordinary	40,781	40,781
13-Feb-20	The Vanguard Group, Inc.	Sell	26.50	Ordinary	(992)	(992)
13-Feb-20	The Vanguard Group, Inc.	Buy	26.55	Ordinary	3,492	3,492
13-Feb-20	The Vanguard Group, Inc.	Sell	26.50	Ordinary	(18,293)	(18,293)
13-Feb-20	The Vanguard Group, Inc.	Buy	26.43	Ordinary	1,454	1,454
13-Feb-20	The Vanguard Group, Inc.	Buy	26.43	Ordinary	1,013	1,013
13-Feb-20	The Vanguard Group, Inc.	Buy	26.43	Ordinary	1,013	1,013
14-Feb-20	The Vanguard Group, Inc.	Buy	26.43	Ordinary	27,748	27,748
14-Feb-20	The Vanguard Group, Inc.	Buy	26.62	Ordinary	18,822	18,822
14-Feb-20	The Vanguard Group, Inc.	Buy	26.62	Ordinary	2,379	2,379
14-Feb-20	The Vanguard Group, Inc.	Sell	26.61	Ordinary	(24,746)	(24,746)
18-Feb-20	The Vanguard Group, Inc.	Buy	26.65	Ordinary	8,351	8,351
18-Feb-20	The Vanguard Group, Inc.	Buy	26.65	Ordinary	1,625	1,625
19-Feb-20	The Vanguard Group, Inc.	Buy	26.76	Ordinary	45,350	45,350
19-Feb-20	The Vanguard Group, Inc.	Buy	26.73	Ordinary	83,354	83,354
19-Feb-20	The Vanguard Group, Inc.	Buy	26.83	Ordinary	15,685	15,685
20-Feb-20	The Vanguard Group, Inc.	Buy	26.90	Ordinary	63,673	63,673
20-Feb-20	The Vanguard Group, Inc.	Buy	27.03	Ordinary	38,493	38,493
21-Feb-20	The Vanguard Group, Inc.	Buy	27.12	Ordinary	67,089	67,089
21-Feb-20	The Vanguard Group, Inc.	Buy	27.10	Ordinary	25,096	25,096
21-Feb-20	The Vanguard Group, Inc.	Buy	27.12	Ordinary	1,142	1,142
21-Feb-20	The Vanguard Group, Inc.	Buy	27.24	Ordinary	4,268	4,268
24-Feb-20	The Vanguard Group, Inc.	Sell	26.41	Ordinary	(13,000)	(13,000)
24-Feb-20	The Vanguard Group, Inc.	Buy	26.94	Ordinary	13,314	13,314
24-Feb-20	The Vanguard Group, Inc.	Buy	26.41	Ordinary	1,586	1,586
25-Feb-20	The Vanguard Group, Inc.	Sell	26.05	Ordinary	(5,200)	(5,200)
25-Feb-20	The Vanguard Group, Inc.	Sell	26.33	Ordinary	(10,888)	(10,888)
25-Feb-20	The Vanguard Group, Inc.	Buy	26.59	Ordinary	49,614	49,614
25-Feb-20	The Vanguard Group, Inc.	Buy	26.31	Ordinary	77,474	77,474
25-Feb-20	The Vanguard Group, Inc.	Buy	26.05	Ordinary	18,822	18,822
25-Feb-20	The Vanguard Group, Inc.	Sell	26.05	Ordinary	(4,000)	(4,000)
25-Feb-20	The Vanguard Group, Inc.	Buy	26.05	Ordinary	1,746	1,746
25-Feb-20	The Vanguard Group, Inc.	Sell	26.59	Ordinary	(58,848)	(58,848)
25-Feb-20	The Vanguard Group, Inc.	Buy	26.59	Ordinary	2,121	2,121
25-Feb-20	The Vanguard Group, Inc.	Buy	26.59	Ordinary	170	170
26-Feb-20	The Vanguard Group, Inc.	Buy	26.07	Ordinary	59,523	59,523
26-Feb-20	The Vanguard Group, Inc.	Buy	26.09	Ordinary	51,660	51,660
26-Feb-20	The Vanguard Group, Inc.	Buy	26.09	Ordinary	51,048	51,048
26-Feb-20	The Vanguard Group, Inc.	Buy	25.98	Ordinary	3,492	3,492
26-Feb-20	The Vanguard Group, Inc.	Buy	25.98	Ordinary	5,238	5,238
26-Feb-20	The Vanguard Group, Inc.	Buy	26.07	Ordinary	5,541	5,541
27-Feb-20	The Vanguard Group, Inc.	Buy	25.08	Ordinary	11,305	11,305

## 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-Feb-20	The Vanguard Group, Inc.	Buy	25.95	Ordinary	61,154	61,154
27-Feb-20	The Vanguard Group, Inc.	Buy	25.53	Ordinary	122	122
28-Feb-20	The Vanguard Group, Inc.	Buy	24.83	Ordinary	167,249	167,249
28-Feb-20	The Vanguard Group, Inc.	Buy	24.95	Ordinary	38,263	38,263
28-Feb-20	The Vanguard Group, Inc.	Buy	24.95	Ordinary	77,229	77,229
28-Feb-20	The Vanguard Group, Inc.	Buy	24.95	Ordinary	24,481	24,481
28-Feb-20	The Vanguard Group, Inc.	Sell	24.81	Ordinary	(10,712)	(10,712)
2-Mar-20	The Vanguard Group, Inc.	Sell	24.80	Ordinary	(25,096)	(25,096)
2-Mar-20	The Vanguard Group, Inc.	Sell	24.41	Ordinary	(1,775)	(1,775)
2-Mar-20	The Vanguard Group, Inc.	Buy	24.41	Ordinary	22,134	22,134
3-Mar-20	The Vanguard Group, Inc.	Buy	23.66	Ordinary	1,586	1,586
3-Mar-20	The Vanguard Group, Inc.	Buy	24.00	Ordinary	1,013	1,013
3-Mar-20	The Vanguard Group, Inc.	Buy	24.00	Ordinary	1,208	1,208
3-Mar-20	The Vanguard Group, Inc.	Buy	24.66	Ordinary	532	532
4-Mar-20	The Vanguard Group, Inc.	Buy	23.63	Ordinary	38,795	38,795
4-Mar-20	The Vanguard Group, Inc.	Buy	23.69	Ordinary	3,172	3,172
4-Mar-20	The Vanguard Group, Inc.	Buy	23.69	Ordinary	2,379	2,379
4-Mar-20	The Vanguard Group, Inc.	Buy	23.21	Ordinary	1,013	1,013
4-Mar-20	The Vanguard Group, Inc.	Buy	23.21	Ordinary	1,013	1,013
4-Mar-20	The Vanguard Group, Inc.	Buy	23.21	Ordinary	2,026	2,026
4-Mar-20	The Vanguard Group, Inc.	Buy	23.21	Ordinary	993	993
5-Mar-20	The Vanguard Group, Inc.	Buy	23.70	Ordinary	21,456	21,456
5-Mar-20	The Vanguard Group, Inc.	Sell	23.24	Ordinary	(342,969)	(342,969)
5-Mar-20	The Vanguard Group, Inc.	Buy	23.70	Ordinary	15,370	15,370
5-Mar-20	The Vanguard Group, Inc.	Buy	23.24	Ordinary	1,924	1,924
6-Mar-20	The Vanguard Group, Inc.	Sell	21.98	Ordinary	(18,822)	(18,822)
6-Mar-20	The Vanguard Group, Inc.	Sell	22.14	Ordinary	(250,223)	(250,223)
6-Mar-20	The Vanguard Group, Inc.	Buy	22.14	Ordinary	1,429	1,429
6-Mar-20	The Vanguard Group, Inc.	Buy	22.81	Ordinary	466	466
6-Mar-20	The Vanguard Group, Inc.	Buy	22.14	Ordinary	2,015	2,015
9-Mar-20	The Vanguard Group, Inc.	Buy	19.46	Ordinary	2,379	2,379
9-Mar-20	The Vanguard Group, Inc.	Buy	19.46	Ordinary	793	793
9-Mar-20	The Vanguard Group, Inc.	Sell	20.27	Ordinary	(62,101)	(62,101)
10-Mar-20	The Vanguard Group, Inc.	Buy	19.62	Ordinary	211,666	211,666
10-Mar-20	The Vanguard Group, Inc.	Sell	21.41	Ordinary	(15,685)	(15,685)
10-Mar-20	The Vanguard Group, Inc.	Buy	21.41	Ordinary	2,528	2,528
10-Mar-20	The Vanguard Group, Inc.	Sell	19.46	Ordinary	(2,867)	(2,867)
10-Mar-20	The Vanguard Group, Inc.	Sell	21.13	Ordinary	(18,295)	(18,295)
10-Mar-20	The Vanguard Group, Inc.	Buy	21.13	Ordinary	1,013	1,013
10-Mar-20	The Vanguard Group, Inc.	Buy	21.13	Ordinary	2,028	2,028
11-Mar-20	The Vanguard Group, Inc.	Sell	21.10	Ordinary	(5,594)	(5,594)
11-Mar-20	The Vanguard Group, Inc.	Buy	20.91	Ordinary	146,502	146,502
11-Mar-20	The Vanguard Group, Inc.	Sell	19.32	Ordinary	(9,411)	(9,411)
11-Mar-20	The Vanguard Group, Inc.	Buy	19.96	Ordinary	2,272	2,272
12-Mar-20	The Vanguard Group, Inc.	Buy	19.69	Ordinary	104,218	104,218
12-Mar-20	The Vanguard Group, Inc.	Sell	17.33	Ordinary	(34,507)	(34,507)
12-Mar-20	The Vanguard Group, Inc.	Buy	17.33	Ordinary	10,200	10,200
12-Mar-20	The Vanguard Group, Inc.	Buy	18.26	Ordinary	9,677	9,677
12-Mar-20	The Vanguard Group, Inc.	Buy	18.26	Ordinary	1,838	1,838
12-Mar-20	The Vanguard Group, Inc.	Buy	18.26	Ordinary	919	919
13-Mar-20	The Vanguard Group, Inc.	Buy	16.84	Ordinary	200,954	200,954
13-Mar-20	The Vanguard Group, Inc.	Buy	18.80	Ordinary	201,912	201,912
13-Mar-20	The Vanguard Group, Inc.	Buy	19.49	Ordinary	5,005	5,005
13-Mar-20	The Vanguard Group, Inc.	Buy	19.49	Ordinary	3,965	3,965
13-Mar-20	The Vanguard Group, Inc.	Buy	19.49	Ordinary	793	793
13-Mar-20	The Vanguard Group, Inc.	Buy	18.80	Ordinary	1,429	1,429
13-Mar-20	The Vanguard Group, Inc.	Buy	18.80	Ordinary	5,065	5,065
13-Mar-20	The Vanguard Group, Inc.	Buy	18.80	Ordinary	82,882	82,882
13-Mar-20	The Vanguard Group, Inc.	Buy	18.80	Ordinary	818	818
13-Mar-20	The Vanguard Group, Inc.	Buy	18.80	Ordinary	8,247	8,247
16-Mar-20	The Vanguard Group, Inc.	Sell	16.22	Ordinary	(7,971)	(7,971)
16-Mar-20	The Vanguard Group, Inc.	Sell	16.22	Ordinary	(7,408)	(7,408)
16-Mar-20	The Vanguard Group, Inc.	Buy	16.22	Ordinary	3,494	3,494
16-Mar-20	The Vanguard Group, Inc.	Buy	16.22	Ordinary	1,747	1,747
16-Mar-20	The Vanguard Group, Inc.	Buy	16.45	Ordinary	5,525	5,525

## 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
16-Mar-20	The Vanguard Group, Inc.	Buy	16.45	Ordinary	919	919
16-Mar-20	The Vanguard Group, Inc.	Buy	16.99	Ordinary	1,838	1,838
16-Mar-20	The Vanguard Group, Inc.	Buy	16.45	Ordinary	1,881	1,881
16-Mar-20	The Vanguard Group, Inc.	Buy	16.45	Ordinary	762	762
17-Mar-20	The Vanguard Group, Inc.	Sell	18.60	Ordinary	(10,628)	(10,628)
17-Mar-20	The Vanguard Group, Inc.	Buy	18.60	Ordinary	5,950	5,950
17-Mar-20	The Vanguard Group, Inc.	Buy	18.60	Ordinary	5,355	5,355
17-Mar-20	The Vanguard Group, Inc.	Buy	16.55	Ordinary	288,077	288,077
17-Mar-20	The Vanguard Group, Inc.	Sell	18.60	Ordinary	(25,096)	(25,096)
17-Mar-20	The Vanguard Group, Inc.	Sell	18.60	Ordinary	(31,370)	(31,370)
17-Mar-20	The Vanguard Group, Inc.	Buy	18.60	Ordinary	14,060	14,060
17-Mar-20	The Vanguard Group, Inc.	Buy	18.60	Ordinary	5,241	5,241
17-Mar-20	The Vanguard Group, Inc.	Buy	18.60	Ordinary	3,494	3,494
17-Mar-20	The Vanguard Group, Inc.	Buy	18.40	Ordinary	10,332	10,332
17-Mar-20	The Vanguard Group, Inc.	Buy	18.40	Ordinary	75,737	75,737
17-Mar-20	The Vanguard Group, Inc.	Buy	18.40	Ordinary	750	750
17-Mar-20	The Vanguard Group, Inc.	Sell	18.40	Ordinary	(2,095)	(2,095)
17-Mar-20	The Vanguard Group, Inc.	Buy	18.40	Ordinary	240	240
17-Mar-20	The Vanguard Group, Inc.	Buy	16.55	Ordinary	803	803
5-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	53,927	53,927
5-Jul-18	Vanguard Investments Australia Ltd.	Sell	28.43	Ordinary	(3,735)	(3,735)
5-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	3,280	3,280
6-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.75	Ordinary	6,980	6,980
6-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.75	Ordinary	48,486	48,486
6-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.75	Ordinary	24,453	24,453
6-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.75	Ordinary	49,130	49,130
6-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.99	Ordinary	24,165	24,165
9-Jul-18	Vanguard Investments Australia Ltd.	Sell	29.10	Ordinary	(19,667)	(19,667)
10-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.80	Ordinary	3,526	3,526
16-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.94	Ordinary	16,110	16,110
16-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.94	Ordinary	39,560	39,560
17-Jul-18	Vanguard Investments Australia Ltd.	Buy	28.93	Ordinary	30,843	30,843
18-Jul-18	Vanguard Investments Australia Ltd.	Sell	29.02	Ordinary	(27,353)	(27,353)
19-Jul-18	Vanguard Investments Australia Ltd.	Buy	29.21	Ordinary	41,569	41,569
20-Jul-18	Vanguard Investments Australia Ltd.	Buy	29.36	Ordinary	29,425	29,425
27-Jul-18	Vanguard Investments Australia Ltd.	Buy	29.41	Ordinary	52,206	52,206
2-Aug-18	Vanguard Investments Australia Ltd.	Buy	28.91	Ordinary	23,940	23,940
3-Aug-18	Vanguard Investments Australia Ltd.	Sell	28.64	Ordinary	(10,375)	(10,375)
3-Aug-18	Vanguard Investments Australia Ltd.	Buy	28.64	Ordinary	34,455	34,455
6-Aug-18	Vanguard Investments Australia Ltd.	Sell	28.92	Ordinary	(10,431)	(10,431)
7-Aug-18	Vanguard Investments Australia Ltd.	Buy	29.09	Ordinary	48,754	48,754
9-Aug-18	Vanguard Investments Australia Ltd.	Buy	29.17	Ordinary	364	364
15-Aug-18	Vanguard Investments Australia Ltd.	Buy	30.15	Ordinary	858	858
15-Aug-18	Vanguard Investments Australia Ltd.	Buy	30.15	Ordinary	16,056	16,056
15-Aug-18	Vanguard Investments Australia Ltd.	Buy	30.15	Ordinary	46,030	46,030
16-Aug-18	Vanguard Investments Australia Ltd.	Sell	30.06	Ordinary	(6,212)	(6,212)
20-Aug-18	Vanguard Investments Australia Ltd.	Sell	30.05	Ordinary	(14,460)	(14,460)
21-Aug-18	Vanguard Investments Australia Ltd.	Sell	29.51	Ordinary	(1,239)	(1,239)
21-Aug-18	Vanguard Investments Australia Ltd.	Buy	29.51	Ordinary	26,810	26,810
27-Aug-18	Vanguard Investments Australia Ltd.	Buy	28.52	Ordinary	12,832	12,832
27-Aug-18	Vanguard Investments Australia Ltd.	Buy	28.52	Ordinary	34,528	34,528
28-Aug-18	Vanguard Investments Australia Ltd.	Buy	28.78	Ordinary	52,344	52,344
29-Aug-18	Vanguard Investments Australia Ltd.	Buy	29.43	Ordinary	23,997	23,997
31-Aug-18	Vanguard Investments Australia Ltd.	Sell	29.50	Ordinary	(4,754)	(4,754)
31-Aug-18	Vanguard Investments Australia Ltd.	Sell	29.50	Ordinary	(1,516)	(1,516)
3-Sep-18	Vanguard Investments Australia Ltd.	Sell	29.21	Ordinary	(956)	(956)
3-Sep-18	Vanguard Investments Australia Ltd.	Sell	29.21	Ordinary	(31,288)	(31,288)
4-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.80	Ordinary	29,414	29,414
4-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.80	Ordinary	29,947	29,947
6-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.53	Ordinary	54,183	54,183
7-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.40	Ordinary	7,544	7,544
7-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.40	Ordinary	40,946	40,946
10-Sep-18	Vanguard Investments Australia Ltd.	Sell	28.26	Ordinary	(1,494)	(1,494)
10-Sep-18	Vanguard Investments Australia Ltd.	Sell	28.26	Ordinary	(15,236)	(15,236)
10-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.26	Ordinary	26,880	26,880

## 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
11-Sep-18	Vanguard Investments Australia Ltd.	Sell	28.58	Ordinary	(29,169)	(29,169)
17-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.40	Ordinary	29,634	29,634
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	42,132	42,132
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	1,993	1,993
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	7,816	7,816
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	44,930	44,930
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	2,192	2,192
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	17,364	17,364
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	11,569	11,569
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	8,709	8,709
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	28.46	Ordinary	95,650	95,650
26-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.96	Ordinary	16,116	16,116
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	5,333	5,333
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	48,151	48,151
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	7,004	7,004
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	6,118	6,118
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	10,432	10,432
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	54,435	54,435
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	3,264	3,264
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	21,990	21,990
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.81	Ordinary	51,312	51,312
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	27.79	Ordinary	206,822	206,822
28-Sep-18	Vanguard Investments Australia Ltd.	Sell	28.18	Ordinary	(3,193)	(3,193)
28-Sep-18	Vanguard Investments Australia Ltd.	Sell	28.18	Ordinary	(66,660)	(66,660)
1-Oct-18	Vanguard Investments Australia Ltd.	Buy	27.73	Ordinary	14,190	14,190
1-Oct-18	Vanguard Investments Australia Ltd.	Buy	27.73	Ordinary	23,841	23,841
3-Oct-18	Vanguard Investments Australia Ltd.	Buy	27.44	Ordinary	38,977	38,977
8-Oct-18	Vanguard Investments Australia Ltd.	Buy	26.99	Ordinary	23,814	23,814
9-Oct-18	Vanguard Investments Australia Ltd.	Buy	26.83	Ordinary	8,514	8,514
10-Oct-18	Vanguard Investments Australia Ltd.	Buy	26.88	Ordinary	2,043	2,043
10-Oct-18	Vanguard Investments Australia Ltd.	Sell	26.88	Ordinary	(19,779)	(19,779)
11-Oct-18	Vanguard Investments Australia Ltd.	Buy	26.01	Ordinary	31,608	31,608
12-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.91	Ordinary	8,529	8,529
12-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.91	Ordinary	50,596	50,596
16-Oct-18	Vanguard Investments Australia Ltd.	Sell	25.55	Ordinary	(15,607)	(15,607)
17-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.81	Ordinary	8,529	8,529
17-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.81	Ordinary	45,084	45,084
17-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.81	Ordinary	31,266	31,266
22-Oct-18	Vanguard Investments Australia Ltd.	Sell	25.79	Ordinary	(9,173)	(9,173)
23-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.29	Ordinary	8,529	8,529
23-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.29	Ordinary	11,372	11,372
24-Oct-18	Vanguard Investments Australia Ltd.	Sell	25.45	Ordinary	(11,846)	(11,846)
24-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.45	Ordinary	31,824	31,824
25-Oct-18	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	60,334	60,334
25-Oct-18	Vanguard Investments Australia Ltd.	Sell	24.80	Ordinary	(19,810)	(19,810)
25-Oct-18	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	11,348	11,348
25-Oct-18	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	37,128	37,128
26-Oct-18	Vanguard Investments Australia Ltd.	Buy	24.82	Ordinary	119,704	119,704
29-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.20	Ordinary	11,348	11,348
29-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.20	Ordinary	36,877	36,877
31-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.93	Ordinary	42,560	42,560
31-Oct-18	Vanguard Investments Australia Ltd.	Buy	25.93	Ordinary	7,980	7,980
1-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.85	Ordinary	18,563	18,563
1-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.85	Ordinary	5,320	5,320
2-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.53	Ordinary	34,580	34,580
5-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.82	Ordinary	53,029	53,029
6-Nov-18	Vanguard Investments Australia Ltd.	Buy	26.06	Ordinary	44,125	44,125
12-Nov-18	Vanguard Investments Australia Ltd.	Sell	26.33	Ordinary	(25,787)	(25,787)
12-Nov-18	Vanguard Investments Australia Ltd.	Sell	26.33	Ordinary	(1,237)	(1,237)
12-Nov-18	Vanguard Investments Australia Ltd.	Buy	26.33	Ordinary	34,723	34,723
15-Nov-18	Vanguard Investments Australia Ltd.	Sell	25.39	Ordinary	(18,394)	(18,394)
16-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.47	Ordinary	1,498	1,498
16-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.47	Ordinary	59,219	59,219
19-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.12	Ordinary	43,716	43,716
19-Nov-18	Vanguard Investments Australia Ltd.	Sell	25.16	Ordinary	(110,827)	(110,827)



## 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
21-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.40	Ordinary	37,460	37,460
22-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.75	Ordinary	8,592	8,592
22-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.75	Ordinary	8,592	8,592
22-Nov-18	Vanguard Investments Australia Ltd.	Buy	25.75	Ordinary	37,520	37,520
23-Nov-18	Vanguard Investments Australia Ltd.	Buy	26.32	Ordinary	58,689	58,689
29-Nov-18	Vanguard Investments Australia Ltd.	Buy	27.15	Ordinary	29,491	29,491
30-Nov-18	Vanguard Investments Australia Ltd.	Sell	26.82	Ordinary	(2,681)	(2,681)
30-Nov-18	Vanguard Investments Australia Ltd.	Buy	26.89	Ordinary	27,474	27,474
3-Dec-18	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	34,918	34,918
3-Dec-18	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	54,112	54,112
4-Dec-18	Vanguard Investments Australia Ltd.	Sell	26.55	Ordinary	(4,000)	(4,000)
4-Dec-18	Vanguard Investments Australia Ltd.	Buy	26.36	Ordinary	167,339	167,339
4-Dec-18	Vanguard Investments Australia Ltd.	Buy	26.36	Ordinary	465,192	465,192
6-Dec-18	Vanguard Investments Australia Ltd.	Buy	25.67	Ordinary	8,577	8,577
7-Dec-18	Vanguard Investments Australia Ltd.	Buy	25.68	Ordinary	54,893	54,893
10-Dec-18	Vanguard Investments Australia Ltd.	Buy	24.64	Ordinary	11,456	11,456
11-Dec-18	Vanguard Investments Australia Ltd.	Buy	24.77	Ordinary	8,592	8,592
11-Dec-18	Vanguard Investments Australia Ltd.	Buy	24.77	Ordinary	54,000	54,000
11-Dec-18	Vanguard Investments Australia Ltd.	Buy	24.77	Ordinary	32,400	32,400
12-Dec-18	Vanguard Investments Australia Ltd.	Buy	25.20	Ordinary	2,065,252	2,065,252
12-Dec-18	Vanguard Investments Australia Ltd.	Buy	26.23	Ordinary	398,818	398,818
14-Dec-18	Vanguard Investments Australia Ltd.	Sell	24.80	Ordinary	(16,200)	(16,200)
18-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.69	Ordinary	11,456	11,456
20-Dec-18	Vanguard Investments Australia Ltd.	Sell	23.55	Ordinary	(13,854)	(13,854)
20-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.55	Ordinary	1,726	1,726
21-Dec-18	Vanguard Investments Australia Ltd.	Sell	24.33	Ordinary	(11,291)	(11,291)
21-Dec-18	Vanguard Investments Australia Ltd.	Sell	23.28	Ordinary	(10,731)	(10,731)
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	129,735	129,735
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	16,990	16,990
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	12,260	12,260
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	31,631	31,631
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	86,908	86,908
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	65,801	65,801
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	138,090	138,090
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.30	Ordinary	8,577	8,577
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.29	Ordinary	384,025	384,025
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.33	Ordinary	258,449	258,449
24-Dec-18	Vanguard Investments Australia Ltd.	Sell	23.00	Ordinary	(12,600)	(12,600)
27-Dec-18	Vanguard Investments Australia Ltd.	Buy	23.70	Ordinary	16,314	16,314
31-Dec-18	Vanguard Investments Australia Ltd.	Buy	24.46	Ordinary	61,972	61,972
31-Dec-18	Vanguard Investments Australia Ltd.	Sell	24.43	Ordinary	(1,899)	(1,899)
31-Dec-18	Vanguard Investments Australia Ltd.	Sell	24.43	Ordinary	(33,335)	(33,335)
2-Jan-19	Vanguard Investments Australia Ltd.	Sell	23.86	Ordinary	(6,845)	(6,845)
3-Jan-19	Vanguard Investments Australia Ltd.	Buy	24.29	Ordinary	3,649	3,649
4-Jan-19	Vanguard Investments Australia Ltd.	Buy	24.09	Ordinary	1,120	1,120
8-Jan-19	Vanguard Investments Australia Ltd.	Buy	24.86	Ordinary	26,950	26,950
10-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.33	Ordinary	946	946
10-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.33	Ordinary	11,534	11,534
11-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.24	Ordinary	32,376	32,376
11-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.25	Ordinary	46,329	46,329
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	26.00	Ordinary	3,707	3,707
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	26.06	Ordinary	7,000	7,000
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	26.06	Ordinary	1,771	1,771
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	26.06	Ordinary	43,569	43,569
21-Jan-19	Vanguard Investments Australia Ltd.	Sell	26.19	Ordinary	(30,203)	(30,203)
21-Jan-19	Vanguard Investments Australia Ltd.	Buy	26.19	Ordinary	9,144	9,144
22-Jan-19	Vanguard Investments Australia Ltd.	Sell	25.74	Ordinary	(12,456)	(12,456)
22-Jan-19	Vanguard Investments Australia Ltd.	Sell	25.81	Ordinary	(12,452)	(12,452)
24-Jan-19	Vanguard Investments Australia Ltd.	Sell	25.92	Ordinary	(21,513)	(21,513)
29-Jan-19	Vanguard Investments Australia Ltd.	Sell	25.58	Ordinary	(17,915)	(17,915)
29-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.55	Ordinary	52,367	52,367
30-Jan-19	Vanguard Investments Australia Ltd.	Sell	25.48	Ordinary	(5,386)	(5,386)
30-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.48	Ordinary	10,756	10,756
30-Jan-19	Vanguard Investments Australia Ltd.	Buy	25.42	Ordinary	55,258	55,258
1-Feb-19	Vanguard Investments Australia Ltd.	Sell	24.94	Ordinary	(8,250)	(8,250)

## 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-Feb-19	Vanguard Investments Australia Ltd.	Buy	24.93	Ordinary	81,763	81,763
4-Feb-19	Vanguard Investments Australia Ltd.	Buy	25.22	Ordinary	39,567	39,567
5-Feb-19	Vanguard Investments Australia Ltd.	Sell	26.86	Ordinary	(188,230)	(188,230)
12-Feb-19	Vanguard Investments Australia Ltd.	Sell	26.46	Ordinary	(18,367)	(18,367)
12-Feb-19	Vanguard Investments Australia Ltd.	Sell	26.46	Ordinary	(15,269)	(15,269)
13-Feb-19	Vanguard Investments Australia Ltd.	Buy	26.63	Ordinary	112,807	112,807
15-Feb-19	Vanguard Investments Australia Ltd.	Sell	26.81	Ordinary	(8,633)	(8,633)
15-Feb-19	Vanguard Investments Australia Ltd.	Sell	26.81	Ordinary	(950)	(950)
19-Feb-19	Vanguard Investments Australia Ltd.	Buy	27.35	Ordinary	29,568	29,568
20-Feb-19	Vanguard Investments Australia Ltd.	Sell	27.27	Ordinary	(16,206)	(16,206)
22-Feb-19	Vanguard Investments Australia Ltd.	Buy	27.95	Ordinary	13,339	13,339
25-Feb-19	Vanguard Investments Australia Ltd.	Buy	28.02	Ordinary	82,735	82,735
26-Feb-19	Vanguard Investments Australia Ltd.	Sell	27.65	Ordinary	(72,365)	(72,365)
26-Feb-19	Vanguard Investments Australia Ltd.	Buy	27.69	Ordinary	42,011	42,011
26-Feb-19	Vanguard Investments Australia Ltd.	Buy	27.69	Ordinary	27,070	27,070
28-Feb-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	2,050	2,050
28-Feb-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	522	522
5-Mar-19	Vanguard Investments Australia Ltd.	Buy	27.72	Ordinary	173,248	173,248
6-Mar-19	Vanguard Investments Australia Ltd.	Buy	27.72	Ordinary	1,028	1,028
7-Mar-19	Vanguard Investments Australia Ltd.	Buy	27.75	Ordinary	14,046	14,046
11-Mar-19	Vanguard Investments Australia Ltd.	Sell	27.12	Ordinary	(8,058)	(8,058)
12-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.79	Ordinary	(26,243)	(26,243)
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	11,898	11,898
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	27.19	Ordinary	6,745	6,745
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	81,719	81,719
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	5,540	5,540
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	9,002	9,002
15-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.33	Ordinary	(16,151)	(16,151)
15-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.35	Ordinary	(19,375)	(19,375)
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	38,670	38,670
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	66,651	66,651
15-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.33	Ordinary	(53,960)	(53,960)
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.34	Ordinary	49,941	49,941
19-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.30	Ordinary	(8,374)	(8,374)
19-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.30	Ordinary	398	398
21-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.45	Ordinary	(19,583)	(19,583)
21-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.45	Ordinary	37,381	37,381
22-Mar-19	Vanguard Investments Australia Ltd.	Buy	26.52	Ordinary	40,210	40,210
29-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.03	Ordinary	(2,147)	(2,147)
29-Mar-19	Vanguard Investments Australia Ltd.	Sell	26.03	Ordinary	(46,672)	(46,672)
1-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.27	Ordinary	3,473	3,473
1-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.27	Ordinary	83,737	83,737
1-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.27	Ordinary	6,949	6,949
1-Apr-19	Vanguard Investments Australia Ltd.	Sell	26.27	Ordinary	(157,461)	(157,461)
1-Apr-19	Vanguard Investments Australia Ltd.	Sell	26.27	Ordinary	(3,340)	(3,340)
1-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.27	Ordinary	75,880	75,880
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.64	Ordinary	5,820	5,820
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.64	Ordinary	12,049	12,049
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.64	Ordinary	36,009	36,009
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.64	Ordinary	80,269	80,269
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.47	Ordinary	15,155	15,155
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.47	Ordinary	18,816	18,816
3-Apr-19	Vanguard Investments Australia Ltd.	Sell	26.44	Ordinary	(2,214)	(2,214)
3-Apr-19	Vanguard Investments Australia Ltd.	Sell	26.44	Ordinary	(3,958)	(3,958)
5-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.03	Ordinary	28,004	28,004
5-Apr-19	Vanguard Investments Australia Ltd.	Sell	25.95	Ordinary	(5,971)	(5,971)
8-Apr-19	Vanguard Investments Australia Ltd.	Buy	25.80	Ordinary	21,504	21,504
8-Apr-19	Vanguard Investments Australia Ltd.	Buy	25.80	Ordinary	577	577
9-Apr-19	Vanguard Investments Australia Ltd.	Sell	25.65	Ordinary	(6,547)	(6,547)
9-Apr-19	Vanguard Investments Australia Ltd.	Buy	25.65	Ordinary	860,416	860,416
10-Apr-19	Vanguard Investments Australia Ltd.	Sell	25.68	Ordinary	(6,077)	(6,077)
11-Apr-19	Vanguard Investments Australia Ltd.	Buy	25.51	Ordinary	43,543	43,543
12-Apr-19	Vanguard Investments Australia Ltd.	Sell	26.02	Ordinary	(7,730)	(7,730)
16-Apr-19	Vanguard Investments Australia Ltd.	Buy	26.41	Ordinary	168,075	168,075
18-Apr-19	Vanguard Investments Australia Ltd.	Sell	26.78	Ordinary	(6,960)	(6,960)

## 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-Apr-19	Vanguard Investments Australia Ltd.	Sell	27.08	Ordinary	(8,947)	(8,947)
26-Apr-19	Vanguard Investments Australia Ltd.	Sell	28.95	Ordinary	(7,041)	(7,041)
26-Apr-19	Vanguard Investments Australia Ltd.	Sell	27.37	Ordinary	(13,559)	(13,559)
30-Apr-19	Vanguard Investments Australia Ltd.	Sell	27.20	Ordinary	(42,835)	(42,835)
30-Apr-19	Vanguard Investments Australia Ltd.	Buy	27.20	Ordinary	32,196	32,196
1-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	7,522	7,522
1-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	48,862	48,862
1-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	10,590	10,590
1-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	68,729	68,729
1-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	127,468	127,468
1-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	19,628	19,628
3-May-19	Vanguard Investments Australia Ltd.	Sell	27.46	Ordinary	(4,620)	(4,620)
6-May-19	Vanguard Investments Australia Ltd.	Buy	29.09	Ordinary	5,634	5,634
6-May-19	Vanguard Investments Australia Ltd.	Buy	27.48	Ordinary	50,615	50,615
7-May-19	Vanguard Investments Australia Ltd.	Sell	27.50	Ordinary	(7,599)	(7,599)
10-May-19	Vanguard Investments Australia Ltd.	Buy	27.48	Ordinary	4,592	4,592
10-May-19	Vanguard Investments Australia Ltd.	Buy	27.48	Ordinary	9,864	9,864
10-May-19	Vanguard Investments Australia Ltd.	Buy	27.48	Ordinary	5,908	5,908
10-May-19	Vanguard Investments Australia Ltd.	Buy	27.50	Ordinary	24,147	24,147
14-May-19	Vanguard Investments Australia Ltd.	Sell	26.10	Ordinary	(9,109)	(9,109)
15-May-19	Vanguard Investments Australia Ltd.	Sell	26.27	Ordinary	(12,638)	(12,638)
16-May-19	Vanguard Investments Australia Ltd.	Buy	26.60	Ordinary	65,679	65,679
17-May-19	Vanguard Investments Australia Ltd.	Buy	25.82	Ordinary	1,856	1,856
17-May-19	Vanguard Investments Australia Ltd.	Buy	25.82	Ordinary	41,239	41,239
17-May-19	Vanguard Investments Australia Ltd.	Buy	25.85	Ordinary	26,950	26,950
21-May-19	Vanguard Investments Australia Ltd.	Buy	28.43	Ordinary	27,100	27,100
22-May-19	Vanguard Investments Australia Ltd.	Buy	28.33	Ordinary	23,530	23,530
23-May-19	Vanguard Investments Australia Ltd.	Sell	27.94	Ordinary	(2,062)	(2,062)
27-May-19	Vanguard Investments Australia Ltd.	Sell	27.82	Ordinary	(59,069)	(59,069)
28-May-19	Vanguard Investments Australia Ltd.	Sell	28.01	Ordinary	(10,000)	(10,000)
28-May-19	Vanguard Investments Australia Ltd.	Sell	28.01	Ordinary	(1,974)	(1,974)
28-May-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	27,100	27,100
29-May-19	Vanguard Investments Australia Ltd.	Sell	27.91	Ordinary	(38,000)	(38,000)
29-May-19	Vanguard Investments Australia Ltd.	Sell	29.30	Ordinary	(13,399)	(13,399)
29-May-19	Vanguard Investments Australia Ltd.	Sell	27.72	Ordinary	(14,129)	(14,129)
30-May-19	Vanguard Investments Australia Ltd.	Buy	28.01	Ordinary	161,738	161,738
3-Jun-19	Vanguard Investments Australia Ltd.	Sell	27.54	Ordinary	(54,718)	(54,718)
3-Jun-19	Vanguard Investments Australia Ltd.	Sell	27.54	Ordinary	(28,584)	(28,584)
4-Jun-19	Vanguard Investments Australia Ltd.	Buy	27.63	Ordinary	2,329	2,329
4-Jun-19	Vanguard Investments Australia Ltd.	Buy	27.77	Ordinary	178,278	178,278
4-Jun-19	Vanguard Investments Australia Ltd.	Buy	27.76	Ordinary	27,100	27,100
5-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.01	Ordinary	6,324	6,324
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.16	Ordinary	6,706	6,706
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.16	Ordinary	6,324	6,324
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.16	Ordinary	32,520	32,520
7-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.37	Ordinary	8,641	8,641
7-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.37	Ordinary	(2,579)	(2,579)
7-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.37	Ordinary	4,357	4,357
7-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.29	Ordinary	133,187	133,187
11-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.65	Ordinary	(8,521)	(8,521)
11-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.65	Ordinary	9,486	9,486
12-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.37	Ordinary	89,942	89,942
13-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.43	Ordinary	6,324	6,324
17-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.28	Ordinary	21,624	21,624
20-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.76	Ordinary	(15,147)	(15,147)
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.54	Ordinary	15,347	15,347
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.54	Ordinary	4,000	4,000
21-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.54	Ordinary	(5,290)	(5,290)
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.54	Ordinary	46,871	46,871
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.54	Ordinary	9,477	9,477
21-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.53	Ordinary	(179,915)	(179,915)
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.54	Ordinary	16,218	16,218
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.54	Ordinary	137,629	137,629
25-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.45	Ordinary	(40,578)	(40,578)
26-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.15	Ordinary	9,183	9,183

## 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-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.38	Ordinary	(24,027)	(24,027)
27-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.38	Ordinary	12,272	12,272
27-Jun-19	Vanguard Investments Australia Ltd.	Buy	28.38	Ordinary	19,012	19,012
28-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.21	Ordinary	(996)	(996)
28-Jun-19	Vanguard Investments Australia Ltd.	Sell	28.21	Ordinary	(35,373)	(35,373)
2-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.87	Ordinary	9,087	9,087
2-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.87	Ordinary	32,244	32,244
5-Jul-19	Vanguard Investments Australia Ltd.	Buy	28.15	Ordinary	25,841	25,841
8-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.88	Ordinary	18,174	18,174
8-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.88	Ordinary	16,122	16,122
9-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.69	Ordinary	16,122	16,122
9-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.69	Ordinary	32,130	32,130
11-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.33	Ordinary	5,567	5,567
11-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.32	Ordinary	16,128	16,128
12-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.27	Ordinary	(5,747)	(5,747)
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.04	Ordinary	9,760	9,760
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.04	Ordinary	56,227	56,227
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.00	Ordinary	9,087	9,087
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.00	Ordinary	39,306	39,306
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.00	Ordinary	7,422	7,422
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.00	Ordinary	26,554	26,554
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	26.99	Ordinary	32,244	32,244
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	26.99	Ordinary	36,508	36,508
17-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.19	Ordinary	(20,964)	(20,964)
18-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.12	Ordinary	(12,058)	(12,058)
19-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.38	Ordinary	(14,206)	(14,206)
19-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.38	Ordinary	28,528	28,528
22-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.37	Ordinary	(1,783,120)	(1,783,120)
22-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.37	Ordinary	9,087	9,087
23-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.43	Ordinary	(9,554)	(9,554)
24-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.65	Ordinary	17,077	17,077
26-Jul-19	Vanguard Investments Australia Ltd.	Sell	27.80	Ordinary	(8,680)	(8,680)
30-Jul-19	Vanguard Investments Australia Ltd.	Buy	28.00	Ordinary	29,480	29,480
31-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.91	Ordinary	60,290	60,290
31-Jul-19	Vanguard Investments Australia Ltd.	Buy	27.91	Ordinary	9,084	9,084
1-Aug-19	Vanguard Investments Australia Ltd.	Sell	28.01	Ordinary	(17,722)	(17,722)
2-Aug-19	Vanguard Investments Australia Ltd.	Sell	27.79	Ordinary	(24,397)	(24,397)
6-Aug-19	Vanguard Investments Australia Ltd.	Sell	26.72	Ordinary	(10,981)	(10,981)
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	12,112	12,112
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	24,147	24,147
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	24,147	24,147
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	33,825	33,825
7-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.93	Ordinary	21,196	21,196
7-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.93	Ordinary	32,969	32,969
8-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.81	Ordinary	29,524	29,524
8-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.81	Ordinary	46,648	46,648
9-Aug-19	Vanguard Investments Australia Ltd.	Buy	27.00	Ordinary	21,150	21,150
12-Aug-19	Vanguard Investments Australia Ltd.	Buy	27.16	Ordinary	29,491	29,491
13-Aug-19	Vanguard Investments Australia Ltd.	Sell	27.01	Ordinary	(6,924)	(6,924)
13-Aug-19	Vanguard Investments Australia Ltd.	Buy	27.01	Ordinary	15,619	15,619
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	27.03	Ordinary	6,806	6,806
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	27.03	Ordinary	12,156	12,156
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	27.03	Ordinary	45,513	45,513
15-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.23	Ordinary	12,156	12,156
16-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.39	Ordinary	45,946	45,946
19-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.72	Ordinary	48,075	48,075
20-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.68	Ordinary	14,358	14,358
20-Aug-19	Vanguard Investments Australia Ltd.	Sell	26.68	Ordinary	(9,460)	(9,460)
20-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.68	Ordinary	27,864	27,864
21-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.37	Ordinary	9,126	9,126
21-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.37	Ordinary	14,525	14,525
22-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.58	Ordinary	1,152	1,152
22-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.58	Ordinary	5,758	5,758
22-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.58	Ordinary	30,937	30,937
27-Aug-19	Vanguard Investments Australia Ltd.	Sell	26.39	Ordinary	(2,753)	(2,753)

## 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-Aug-19	Vanguard Investments Australia Ltd.	Sell	26.39	Ordinary	(2,436)	(2,436)
27-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.38	Ordinary	43,034	43,034
28-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.24	Ordinary	43,312	43,312
29-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.32	Ordinary	9,162	9,162
30-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.74	Ordinary	61,398	61,398
30-Aug-19	Vanguard Investments Australia Ltd.	Buy	28.49	Ordinary	13,090	13,090
30-Aug-19	Vanguard Investments Australia Ltd.	Buy	26.74	Ordinary	13,251	13,251
2-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.71	Ordinary	59,312	59,312
3-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.68	Ordinary	1,238	1,238
3-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.69	Ordinary	287,070	287,070
4-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.58	Ordinary	40,778	40,778
4-Sep-19	Vanguard Investments Australia Ltd.	Buy	28.40	Ordinary	5,477	5,477
4-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.58	Ordinary	12,244	12,244
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.88	Ordinary	1,159	1,159
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.88	Ordinary	12,288	12,288
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.88	Ordinary	38,636	38,636
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	26.88	Ordinary	54,241	54,241
6-Sep-19	Vanguard Investments Australia Ltd.	Sell	27.07	Ordinary	(7,625)	(7,625)
9-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.20	Ordinary	12,288	12,288
10-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.23	Ordinary	18,470	18,470
10-Sep-19	Vanguard Investments Australia Ltd.	Buy	29.00	Ordinary	6,497	6,497
12-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.59	Ordinary	23,118	23,118
13-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.85	Ordinary	10,234	10,234
13-Sep-19	Vanguard Investments Australia Ltd.	Sell	27.85	Ordinary	(13,759)	(13,759)
13-Sep-19	Vanguard Investments Australia Ltd.	Sell	27.85	Ordinary	(1,796)	(1,796)
17-Sep-19	Vanguard Investments Australia Ltd.	Buy	29.83	Ordinary	10,334	10,334
17-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.75	Ordinary	3,789	3,789
17-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.75	Ordinary	51,452	51,452
18-Sep-19	Vanguard Investments Australia Ltd.	Sell	27.69	Ordinary	(15,239)	(15,239)
19-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.83	Ordinary	9,219	9,219
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.91	Ordinary	16,813	16,813
20-Sep-19	Vanguard Investments Australia Ltd.	Sell	27.91	Ordinary	(3,382)	(3,382)
20-Sep-19	Vanguard Investments Australia Ltd.	Sell	27.91	Ordinary	(61,150)	(61,150)
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.91	Ordinary	9,223	9,223
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.91	Ordinary	27,060	27,060
23-Sep-19	Vanguard Investments Australia Ltd.	Buy	27.93	Ordinary	40,215	40,215
24-Sep-19	Vanguard Investments Australia Ltd.	Buy	28.28	Ordinary	5,671	5,671
25-Sep-19	Vanguard Investments Australia Ltd.	Sell	28.40	Ordinary	(11,860)	(11,860)
25-Sep-19	Vanguard Investments Australia Ltd.	Buy	28.40	Ordinary	37,548	37,548
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	28.68	Ordinary	21,455	21,455
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	28.68	Ordinary	12,260	12,260
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	28.68	Ordinary	32,172	32,172
30-Sep-19	Vanguard Investments Australia Ltd.	Sell	28.52	Ordinary	(12,934)	(12,934)
30-Sep-19	Vanguard Investments Australia Ltd.	Sell	28.52	Ordinary	(2,184)	(2,184)
30-Sep-19	Vanguard Investments Australia Ltd.	Sell	28.52	Ordinary	(51,980)	(51,980)
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.11	Ordinary	73,555	73,555
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.11	Ordinary	10,713	10,713
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.11	Ordinary	23,729	23,729
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.05	Ordinary	50,274	50,274
2-Oct-19	Vanguard Investments Australia Ltd.	Sell	28.05	Ordinary	(63,504)	(63,504)
3-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.25	Ordinary	43,511	43,511
3-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.30	Ordinary	18,090	18,090
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.17	Ordinary	13,527	13,527
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.17	Ordinary	1,312	1,312
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.17	Ordinary	40,886	40,886
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.17	Ordinary	44,965	44,965
7-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.31	Ordinary	23,520	23,520
9-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.09	Ordinary	15,075	15,075
10-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.18	Ordinary	4,373	4,373
10-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.18	Ordinary	24,029	24,029
11-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.49	Ordinary	13,388	13,388
11-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.49	Ordinary	21,120	21,120
14-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.67	Ordinary	373,648	373,648
14-Oct-19	Vanguard Investments Australia Ltd.	Sell	27.67	Ordinary	(11,883)	(11,883)
16-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.16	Ordinary	442,791	442,791

## 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
17-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.95	Ordinary	1,001	1,001
17-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.95	Ordinary	12,060	12,060
18-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.76	Ordinary	9,045	9,045
18-Oct-19	Vanguard Investments Australia Ltd.	Sell	27.76	Ordinary	(6,603)	(6,603)
18-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.76	Ordinary	26,440	26,440
18-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.67	Ordinary	67,991	67,991
21-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.68	Ordinary	30,785	30,785
22-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.83	Ordinary	26,450	26,450
22-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.83	Ordinary	20,903	20,903
23-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.89	Ordinary	30,325	30,325
23-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.89	Ordinary	11,159	11,159
24-Oct-19	Vanguard Investments Australia Ltd.	Sell	27.88	Ordinary	(5,805)	(5,805)
28-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.03	Ordinary	26,420	26,420
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.64	Ordinary	89,544	89,544
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.64	Ordinary	9,045	9,045
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.64	Ordinary	12,060	12,060
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	27.63	Ordinary	59,769	59,769
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	26.74	Ordinary	63,162	63,162
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	28.75	Ordinary	3,088	3,088
31-Oct-19	Vanguard Investments Australia Ltd.	Sell	26.74	Ordinary	(16,184)	(16,184)
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	26.74	Ordinary	63,384	63,384
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	26.69	Ordinary	80,406	80,406
31-Oct-19	Vanguard Investments Australia Ltd.	Sell	26.74	Ordinary	(31,692)	(31,692)
1-Nov-19	Vanguard Investments Australia Ltd.	Sell	26.20	Ordinary	(354,082)	(354,082)
1-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.19	Ordinary	12,060	12,060
1-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.19	Ordinary	9,045	9,045
1-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.19	Ordinary	44,305	44,305
4-Nov-19	Vanguard Investments Australia Ltd.	Sell	25.99	Ordinary	(470,147)	(470,147)
4-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.95	Ordinary	61,105	61,105
5-Nov-19	Vanguard Investments Australia Ltd.	Sell	26.04	Ordinary	(4,053)	(4,053)
5-Nov-19	Vanguard Investments Australia Ltd.	Sell	26.04	Ordinary	(115,719)	(115,719)
5-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.04	Ordinary	12,060	12,060
5-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.04	Ordinary	31,644	31,644
7-Nov-19	Vanguard Investments Australia Ltd.	Sell	26.11	Ordinary	(37,385)	(37,385)
7-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.11	Ordinary	12,040	12,040
7-Nov-19	Vanguard Investments Australia Ltd.	Sell	26.11	Ordinary	(19,968)	(19,968)
7-Nov-19	Vanguard Investments Australia Ltd.	Buy	26.11	Ordinary	22,436	22,436
11-Nov-19	Vanguard Investments Australia Ltd.	Sell	25.58	Ordinary	(8,975)	(8,975)
11-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.57	Ordinary	70,431	70,431
12-Nov-19	Vanguard Investments Australia Ltd.	Sell	25.34	Ordinary	(12,537)	(12,537)
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.34	Ordinary	9,075	9,075
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.34	Ordinary	29,128	29,128
13-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.20	Ordinary	14,101	14,101
13-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.20	Ordinary	7,953	7,953
14-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.32	Ordinary	57,712	57,712
14-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.32	Ordinary	6,744	6,744
15-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.41	Ordinary	12,128	12,128
19-Nov-19	Vanguard Investments Australia Ltd.	Sell	25.42	Ordinary	(4,355)	(4,355)
19-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.42	Ordinary	34,463	34,463
20-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.90	Ordinary	18,543	18,543
21-Nov-19	Vanguard Investments Australia Ltd.	Sell	24.81	Ordinary	(6,733)	(6,733)
21-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.81	Ordinary	12,128	12,128
21-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.81	Ordinary	55,629	55,629
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.86	Ordinary	10,113	10,113
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.86	Ordinary	9,096	9,096
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.86	Ordinary	68,335	68,335
25-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.83	Ordinary	55,215	55,215
26-Nov-19	Vanguard Investments Australia Ltd.	Sell	24.94	Ordinary	(26,553)	(26,553)
26-Nov-19	Vanguard Investments Australia Ltd.	Sell	24.94	Ordinary	(763)	(763)
27-Nov-19	Vanguard Investments Australia Ltd.	Buy	25.06	Ordinary	55,390	55,390
28-Nov-19	Vanguard Investments Australia Ltd.	Sell	24.87	Ordinary	(1,205)	(1,205)
28-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.87	Ordinary	9,096	9,096
29-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.84	Ordinary	18,143	18,143
29-Nov-19	Vanguard Investments Australia Ltd.	Buy	24.84	Ordinary	31,704	31,704
2-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.99	Ordinary	16,466	16,466

## 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
2-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.99	Ordinary	141,710	141,710
3-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.72	Ordinary	18,192	18,192
3-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.72	Ordinary	40,929	40,929
4-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.19	Ordinary	15,160	15,160
4-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.19	Ordinary	58,102	58,102
5-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.70	Ordinary	44,040	44,040
6-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.59	Ordinary	866,604	866,604
6-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.59	Ordinary	7,025	7,025
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.58	Ordinary	10,089	10,089
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.58	Ordinary	12,128	12,128
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.58	Ordinary	31,668	31,668
11-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.53	Ordinary	50,891	50,891
11-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.53	Ordinary	63,569	63,569
12-Dec-19	Vanguard Investments Australia Ltd.	Sell	24.22	Ordinary	(748)	(748)
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.71	Ordinary	12,128	12,128
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.71	Ordinary	26,460	26,460
17-Dec-19	Vanguard Investments Australia Ltd.	Buy	25.00	Ordinary	404	404
18-Dec-19	Vanguard Investments Australia Ltd.	Sell	25.03	Ordinary	(16,815)	(16,815)
18-Dec-19	Vanguard Investments Australia Ltd.	Buy	25.03	Ordinary	37,072	37,072
18-Dec-19	Vanguard Investments Australia Ltd.	Buy	25.04	Ordinary	68,619	68,619
19-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.93	Ordinary	23,352	23,352
19-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.93	Ordinary	37,911	37,911
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	5,557	5,557
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	2,989	2,989
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	12,116	12,116
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	125,945	125,945
27-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.78	Ordinary	9,243	9,243
30-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.81	Ordinary	9,306	9,306
30-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.80	Ordinary	21,240	21,240
30-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.75	Ordinary	70,000	70,000
31-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.63	Ordinary	48,866	48,866
31-Dec-19	Vanguard Investments Australia Ltd.	Sell	24.63	Ordinary	(11,044)	(11,044)
31-Dec-19	Vanguard Investments Australia Ltd.	Buy	24.63	Ordinary	13,265	13,265
2-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.55	Ordinary	12,216	12,216
2-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.55	Ordinary	31,572	31,572
3-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.73	Ordinary	3,968	3,968
3-Jan-20	Vanguard Investments Australia Ltd.	Sell	24.73	Ordinary	(195,056)	(195,056)
6-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.47	Ordinary	13,469	13,469
7-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.95	Ordinary	15,786	15,786
7-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.99	Ordinary	56,295	56,295
8-Jan-20	Vanguard Investments Australia Ltd.	Buy	24.86	Ordinary	39,450	39,450
9-Jan-20	Vanguard Investments Australia Ltd.	Sell	24.89	Ordinary	(21,040)	(21,040)
13-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.01	Ordinary	(5,324)	(5,324)
13-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.01	Ordinary	39,450	39,450
14-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.16	Ordinary	29,623	29,623
14-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.20	Ordinary	13,356	13,356
14-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.20	Ordinary	(13,356)	(13,356)
15-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.25	Ordinary	(11,775)	(11,775)
15-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.22	Ordinary	(497)	(497)
15-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.24	Ordinary	51,260	51,260
16-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.42	Ordinary	10,729	10,729
17-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.42	Ordinary	9,162	9,162
21-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.51	Ordinary	(35,294)	(35,294)
21-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.51	Ordinary	39,480	39,480
23-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.75	Ordinary	9,162	9,162
24-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.90	Ordinary	(3,883)	(3,883)
29-Jan-20	Vanguard Investments Australia Ltd.	Sell	25.79	Ordinary	(14,969)	(14,969)
29-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.79	Ordinary	12,216	12,216
30-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.83	Ordinary	39,405	39,405
31-Jan-20	Vanguard Investments Australia Ltd.	Buy	25.86	Ordinary	32,207	32,207
3-Feb-20	Vanguard Investments Australia Ltd.	Sell	25.29	Ordinary	(11,277)	(11,277)
3-Feb-20	Vanguard Investments Australia Ltd.	Sell	25.29	Ordinary	(21,598)	(21,598)
5-Feb-20	Vanguard Investments Australia Ltd.	Buy	25.82	Ordinary	3,338	3,338
7-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.03	Ordinary	26,300	26,300
10-Feb-20	Vanguard Investments Australia Ltd.	Buy	25.95	Ordinary	41,241	41,241

## 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
11-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.13	Ordinary	52,580	52,580
11-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.12	Ordinary	96,311	96,311
12-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.34	Ordinary	(35,887)	(35,887)
13-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.43	Ordinary	(15,265)	(15,265)
17-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.58	Ordinary	(45,830)	(45,830)
17-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.50	Ordinary	(251)	(251)
17-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.58	Ordinary	(10,020)	(10,020)
17-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.58	Ordinary	(15,453)	(15,453)
18-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.65	Ordinary	3,341	3,341
19-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.76	Ordinary	417	417
26-Feb-20	Vanguard Investments Australia Ltd.	Sell	27.24	Ordinary	(5,793)	(5,793)
26-Feb-20	Vanguard Investments Australia Ltd.	Sell	26.09	Ordinary	(12,386)	(12,386)
26-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.07	Ordinary	396	396
26-Feb-20	Vanguard Investments Australia Ltd.	Buy	26.07	Ordinary	42,432	42,432
27-Feb-20	Vanguard Investments Australia Ltd.	Buy	25.53	Ordinary	208,816	208,816
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	24.81	Ordinary	(2,700)	(2,700)
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	24.83	Ordinary	(21,605)	(21,605)
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	24.83	Ordinary	(33,209)	(33,209)
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	24.81	Ordinary	(545)	(545)
28-Feb-20	Vanguard Investments Australia Ltd.	Buy	24.83	Ordinary	39,780	39,780
2-Mar-20	Vanguard Investments Australia Ltd.	Sell	24.34	Ordinary	(22,612)	(22,612)
3-Mar-20	Vanguard Investments Australia Ltd.	Buy	24.00	Ordinary	9,240	9,240
3-Mar-20	Vanguard Investments Australia Ltd.	Buy	24.00	Ordinary	71,820	71,820
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	24.29	Ordinary	3,937	3,937
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.21	Ordinary	31,862	31,862
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.21	Ordinary	12,320	12,320
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.21	Ordinary	45,237	45,237
5-Mar-20	Vanguard Investments Australia Ltd.	Sell	23.24	Ordinary	(8,031)	(8,031)
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.24	Ordinary	4,136	4,136
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.24	Ordinary	1,508	1,508
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.24	Ordinary	12,384	12,384
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.24	Ordinary	24,705	24,705
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	23.24	Ordinary	22,365	22,365
6-Mar-20	Vanguard Investments Australia Ltd.	Sell	22.14	Ordinary	(28,329)	(28,329)
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	20.27	Ordinary	15,485	15,485
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	20.27	Ordinary	18,582	18,582
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	20.27	Ordinary	2,574	2,574
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	20.27	Ordinary	93,520	93,520
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	20.27	Ordinary	114,377	114,377
10-Mar-20	Vanguard Investments Australia Ltd.	Sell	21.13	Ordinary	(8,650)	(8,650)
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	21.13	Ordinary	33,367	33,367
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	21.13	Ordinary	142,754	142,754
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	20.73	Ordinary	14,915	14,915
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	19.96	Ordinary	27,873	27,873
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	19.96	Ordinary	18,582	18,582
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	19.96	Ordinary	66,925	66,925
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	19.96	Ordinary	53,540	53,540
12-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.26	Ordinary	(9,937)	(9,937)
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.26	Ordinary	3,372	3,372
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.26	Ordinary	12,388	12,388
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.26	Ordinary	80,190	80,190
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.26	Ordinary	45,441	45,441
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.26	Ordinary	289,374	289,374
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.80	Ordinary	(4,245)	(4,245)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	17.50	Ordinary	(5,358)	(5,358)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.80	Ordinary	(31,809)	(31,809)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.80	Ordinary	(2,490)	(2,490)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.80	Ordinary	(1,214)	(1,214)
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.80	Ordinary	103,674	103,674
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.80	Ordinary	(24,690)	(24,690)
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.80	Ordinary	24,784	24,784
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.80	Ordinary	20,284	20,284
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.80	Ordinary	80,250	80,250
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.80	Ordinary	175,543	175,543
16-Mar-20	Vanguard Investments Australia Ltd.	Sell	16.45	Ordinary	(13,949)	(13,949)



## 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
16-Mar-20	Vanguard Investments Australia Ltd.	Buy	16.45	Ordinary	93,625	93,625
17-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.40	Ordinary	(46,537)	(46,537)
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	16.83	Ordinary	12,327	12,327
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	3,372	3,372
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	24,784	24,784
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	18,588	18,588
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	14,949	14,949
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	66,850	66,850

This is Annexure A of 31 pages referred to in Form 604, Notice of change of interests of substantial holder.

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

Name: Shawn Acker \_\_\_\_\_

Capacity: Compliance Manager \_\_\_\_\_

Date: 20 March 2020 \_\_\_\_\_