

**Form 604**Corporations Act 2001  
Section 671B**Notice of change of interests of substantial holder**

To Company Name/Scheme Lendlease Group  
ACN/ARSN 000 226 228

**1. Details of substantial holder (1)**

Name The Vanguard Group, Inc.  
ACN/ARSN (if applicable) N/A

There was a change in the interests of the substantial holder on 29 April 2019

The previous notice was given to the company on 8 September 2017

The previous notice was dated 8 September 2017

**2. Previous and present voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary (Vanguard Investments Australia Ltd)	12,622,677	2.163%	14,306,533	2.536%
Ordinary (The Vanguard Group, Inc.)	16,593,935	2.844%	19,596,589	3.474%
<b>Total</b>	<b>29,216,612</b>	<b>5.007%</b>	<b>33,903,122</b>	<b>6.010%</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 Investments Australia Ltd	<b>JP Morgan Chase Bank, N.A. and various other custodians</b>	Vanguard Investments Australia Ltd is the manager of various superannuation funds, institutional investor portfolios and unit trusts and in that capacity can exercise the power to vote and/or dispose of the shares	Beneficial Owner	<b>Ordinary – 14,306,533</b>	14,306,533
The Vanguard Group, Inc.	<b>JP Morgan Chase Bank, N.A.</b>	The Vanguard Group, Inc. is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	<b>Ordinary – 9,011,843</b>	9,011,843
The Vanguard Group, Inc.	<b>Brown Brothers Harriman</b>	The Vanguard Group, Inc. is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	<b>Ordinary – 1,369,834</b>	1,369,834
The Vanguard Group, Inc.	<b>BNY Mellon</b>	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	<b>Ordinary – 1,650,037</b>	1,650,037
The Vanguard Group, Inc.	<b>State Street Bank and Trust Company</b>	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	<b>Ordinary – 7,564,875</b>	7,564,875

**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 Investments Australia Ltd	Level 34, 2 Southbank Blvd, Southbank 3006 VIC Australia
The Vanguard Group, Inc.	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

**Signature**

print name Shawn Acker capacity MANAGER  
sign here [Signature] date 2 May 2019

To Company  
ACN/ARSN

Lendlease Group  
000 226 228

Substantial Holder Name  
ACN/ARSN

The Vanguard Group, Inc.  
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
7-Sep-17	The Vanguard Group, Inc.	BUY	16.47	Ordinary	1,095	1,095
7-Sep-17	The Vanguard Group, Inc.	BUY	16.47	Ordinary	425	425
8-Sep-17	The Vanguard Group, Inc.	BUY	16.75	Ordinary	541	541
11-Sep-17	The Vanguard Group, Inc.	SELL	16.99	Ordinary	(1,909)	(1,909)
14-Sep-17	The Vanguard Group, Inc.	BUY	17.75	Ordinary	3,252	3,252
15-Sep-17	The Vanguard Group, Inc.	BUY	17.68	Ordinary	26,884	26,884
15-Sep-17	The Vanguard Group, Inc.	BUY	17.68	Ordinary	13,811	13,811
15-Sep-17	The Vanguard Group, Inc.	SELL	17.68	Ordinary	(25,759)	(25,759)
15-Sep-17	The Vanguard Group, Inc.	SELL	17.68	Ordinary	(7,437)	(7,437)
15-Sep-17	The Vanguard Group, Inc.	BUY	17.68	Ordinary	3,626	3,626
15-Sep-17	The Vanguard Group, Inc.	SELL	17.68	Ordinary	(1,110)	(1,110)
15-Sep-17	The Vanguard Group, Inc.	BUY	17.68	Ordinary	170	170
18-Sep-17	The Vanguard Group, Inc.	BUY	17.76	Ordinary	832	832
21-Sep-17	The Vanguard Group, Inc.	BUY	17.84	Ordinary	1,248	1,248
22-Sep-17	The Vanguard Group, Inc.	BUY	17.90	Ordinary	5,475	5,475
22-Sep-17	The Vanguard Group, Inc.	BUY	17.90	Ordinary	389	389
25-Sep-17	The Vanguard Group, Inc.	BUY	17.97	Ordinary	3,858	3,858
25-Sep-17	The Vanguard Group, Inc.	BUY	17.97	Ordinary	7,073	7,073
25-Sep-17	The Vanguard Group, Inc.	BUY	17.97	Ordinary	26,192	26,192
26-Sep-17	The Vanguard Group, Inc.	BUY	17.95	Ordinary	4,501	4,501
27-Sep-17	The Vanguard Group, Inc.	BUY	17.75	Ordinary	2,096	2,096
27-Sep-17	The Vanguard Group, Inc.	BUY	17.75	Ordinary	6,480	6,480
2-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	9,002	9,002
2-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	4,501	4,501
2-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	9,720	9,720
2-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	5,290	5,290
2-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	5,290	5,290
4-Oct-17	The Vanguard Group, Inc.	BUY	18.11	Ordinary	8,359	8,359
4-Oct-17	The Vanguard Group, Inc.	BUY	18.11	Ordinary	5,144	5,144
6-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	2,845	2,845
6-Oct-17	The Vanguard Group, Inc.	BUY	18.30	Ordinary	3,858	3,858
6-Oct-17	The Vanguard Group, Inc.	BUY	18.31	Ordinary	1,008	1,008
9-Oct-17	The Vanguard Group, Inc.	BUY	18.29	Ordinary	3,858	3,858
9-Oct-17	The Vanguard Group, Inc.	BUY	18.29	Ordinary	2,645	2,645
10-Oct-17	The Vanguard Group, Inc.	BUY	18.43	Ordinary	2,620	2,620
10-Oct-17	The Vanguard Group, Inc.	SELL	18.30	Ordinary	(279)	(279)
10-Oct-17	The Vanguard Group, Inc.	SELL	18.41	Ordinary	(5,596)	(5,596)
12-Oct-17	The Vanguard Group, Inc.	BUY	18.48	Ordinary	25,920	25,920
13-Oct-17	The Vanguard Group, Inc.	BUY	18.51	Ordinary	832	832
13-Oct-17	The Vanguard Group, Inc.	SELL	18.52	Ordinary	(12,893)	(12,893)
17-Oct-17	The Vanguard Group, Inc.	BUY	18.60	Ordinary	2,116	2,116
18-Oct-17	The Vanguard Group, Inc.	BUY	16.65	Ordinary	2,096	2,096
18-Oct-17	The Vanguard Group, Inc.	BUY	16.65	Ordinary	832	832
19-Oct-17	The Vanguard Group, Inc.	BUY	16.39	Ordinary	9,002	9,002
20-Oct-17	The Vanguard Group, Inc.	BUY	16.78	Ordinary	25,920	25,920
20-Oct-17	The Vanguard Group, Inc.	BUY	16.78	Ordinary	832	832
20-Oct-17	The Vanguard Group, Inc.	BUY	16.75	Ordinary	774	774
23-Oct-17	The Vanguard Group, Inc.	BUY	16.51	Ordinary	6,786	6,786
23-Oct-17	The Vanguard Group, Inc.	SELL	16.55	Ordinary	(242)	(242)
25-Oct-17	The Vanguard Group, Inc.	BUY	16.65	Ordinary	39,173	39,173
25-Oct-17	The Vanguard Group, Inc.	BUY	16.55	Ordinary	1,114	1,114
25-Oct-17	The Vanguard Group, Inc.	SELL	16.55	Ordinary	(1,414)	(1,414)
26-Oct-17	The Vanguard Group, Inc.	BUY	16.55	Ordinary	18,155	18,155
26-Oct-17	The Vanguard Group, Inc.	BUY	16.61	Ordinary	5,144	5,144
26-Oct-17	The Vanguard Group, Inc.	BUY	16.61	Ordinary	832	832
30-Oct-17	The Vanguard Group, Inc.	BUY	16.41	Ordinary	1,048	1,048
30-Oct-17	The Vanguard Group, Inc.	BUY	16.42	Ordinary	4,107	4,107
31-Oct-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	2,620	2,620
31-Oct-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	19,440	19,440
31-Oct-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	6,480	6,480
1-Nov-17	The Vanguard Group, Inc.	BUY	16.24	Ordinary	2,620	2,620
1-Nov-17	The Vanguard Group, Inc.	SELL	16.26	Ordinary	(2,602)	(2,602)

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-Nov-17	The Vanguard Group, Inc.	BUY	16.26	Ordinary	417	417
1-Nov-17	The Vanguard Group, Inc.	SELL	16.22	Ordinary	(890)	(890)
2-Nov-17	The Vanguard Group, Inc.	BUY	16.25	Ordinary	3,215	3,215
2-Nov-17	The Vanguard Group, Inc.	BUY	16.25	Ordinary	12,960	12,960
2-Nov-17	The Vanguard Group, Inc.	BUY	16.25	Ordinary	2,088	2,088
3-Nov-17	The Vanguard Group, Inc.	BUY	16.40	Ordinary	5,144	5,144
3-Nov-17	The Vanguard Group, Inc.	BUY	16.40	Ordinary	19,440	19,440
6-Nov-17	The Vanguard Group, Inc.	BUY	16.43	Ordinary	3,858	3,858
7-Nov-17	The Vanguard Group, Inc.	BUY	16.50	Ordinary	6,471	6,471
8-Nov-17	The Vanguard Group, Inc.	BUY	16.33	Ordinary	3,654	3,654
8-Nov-17	The Vanguard Group, Inc.	BUY	16.33	Ordinary	832	832
9-Nov-17	The Vanguard Group, Inc.	BUY	16.62	Ordinary	2,845	2,845
10-Nov-17	The Vanguard Group, Inc.	BUY	16.57	Ordinary	6,259	6,259
10-Nov-17	The Vanguard Group, Inc.	BUY	16.60	Ordinary	48,934	48,934
10-Nov-17	The Vanguard Group, Inc.	BUY	16.60	Ordinary	17,664	17,664
10-Nov-17	The Vanguard Group, Inc.	BUY	16.57	Ordinary	7,830	7,830
13-Nov-17	The Vanguard Group, Inc.	BUY	16.56	Ordinary	25,920	25,920
14-Nov-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	3,132	3,132
14-Nov-17	The Vanguard Group, Inc.	BUY	16.25	Ordinary	275	275
14-Nov-17	The Vanguard Group, Inc.	BUY	16.36	Ordinary	8,497	8,497
14-Nov-17	The Vanguard Group, Inc.	BUY	16.36	Ordinary	111	111
15-Nov-17	The Vanguard Group, Inc.	BUY	16.21	Ordinary	1,707	1,707
15-Nov-17	The Vanguard Group, Inc.	BUY	16.21	Ordinary	12,960	12,960
16-Nov-17	The Vanguard Group, Inc.	BUY	16.27	Ordinary	3,414	3,414
16-Nov-17	The Vanguard Group, Inc.	BUY	16.27	Ordinary	3,144	3,144
16-Nov-17	The Vanguard Group, Inc.	BUY	16.27	Ordinary	832	832
17-Nov-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	5,502	5,502
17-Nov-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	32,400	32,400
20-Nov-17	The Vanguard Group, Inc.	BUY	16.31	Ordinary	2,610	2,610
21-Nov-17	The Vanguard Group, Inc.	BUY	16.33	Ordinary	1,248	1,248
22-Nov-17	The Vanguard Group, Inc.	BUY	16.15	Ordinary	974	974
24-Nov-17	The Vanguard Group, Inc.	BUY	16.07	Ordinary	25,920	25,920
24-Nov-17	The Vanguard Group, Inc.	BUY	16.05	Ordinary	414	414
28-Nov-17	The Vanguard Group, Inc.	BUY	16.27	Ordinary	768	768
30-Nov-17	The Vanguard Group, Inc.	BUY	15.90	Ordinary	3,626	3,626
30-Nov-17	The Vanguard Group, Inc.	SELL	15.90	Ordinary	(6,740)	(6,740)
30-Nov-17	The Vanguard Group, Inc.	BUY	15.90	Ordinary	411	411
5-Dec-17	The Vanguard Group, Inc.	SELL	15.88	Ordinary	(1,714)	(1,714)
5-Dec-17	The Vanguard Group, Inc.	BUY	15.88	Ordinary	7,484	7,484
6-Dec-17	The Vanguard Group, Inc.	BUY	15.69	Ordinary	41,481	41,481
6-Dec-17	The Vanguard Group, Inc.	BUY	15.76	Ordinary	3,215	3,215
8-Dec-17	The Vanguard Group, Inc.	BUY	16.14	Ordinary	9,819	9,819
8-Dec-17	The Vanguard Group, Inc.	BUY	16.14	Ordinary	29,457	29,457
8-Dec-17	The Vanguard Group, Inc.	SELL	16.10	Ordinary	(968)	(968)
11-Dec-17	The Vanguard Group, Inc.	BUY	16.27	Ordinary	4,454	4,454
12-Dec-17	The Vanguard Group, Inc.	BUY	16.32	Ordinary	768	768
13-Dec-17	The Vanguard Group, Inc.	BUY	16.28	Ordinary	2,620	2,620
14-Dec-17	The Vanguard Group, Inc.	BUY	15.96	Ordinary	7,716	7,716
15-Dec-17	The Vanguard Group, Inc.	BUY	16.08	Ordinary	144,630	144,630
15-Dec-17	The Vanguard Group, Inc.	BUY	16.09	Ordinary	77,508	77,508
15-Dec-17	The Vanguard Group, Inc.	BUY	16.17	Ordinary	2,572	2,572
15-Dec-17	The Vanguard Group, Inc.	BUY	16.09	Ordinary	8,559	8,559
15-Dec-17	The Vanguard Group, Inc.	SELL	16.09	Ordinary	(17,933)	(17,933)
15-Dec-17	The Vanguard Group, Inc.	BUY	16.09	Ordinary	1,937	1,937
15-Dec-17	The Vanguard Group, Inc.	BUY	16.09	Ordinary	1,774	1,774
15-Dec-17	The Vanguard Group, Inc.	BUY	16.09	Ordinary	140	140
15-Dec-17	The Vanguard Group, Inc.	SELL	16.09	Ordinary	(531)	(531)
15-Dec-17	The Vanguard Group, Inc.	BUY	16.09	Ordinary	1,751	1,751
18-Dec-17	The Vanguard Group, Inc.	BUY	16.07	Ordinary	2,560	2,560
18-Dec-17	The Vanguard Group, Inc.	SELL	16.05	Ordinary	(8,672)	(8,672)
18-Dec-17	The Vanguard Group, Inc.	BUY	16.05	Ordinary	450	450
18-Dec-17	The Vanguard Group, Inc.	BUY	16.05	Ordinary	812	812
20-Dec-17	The Vanguard Group, Inc.	BUY	16.27	Ordinary	101,101	101,101
20-Dec-17	The Vanguard Group, Inc.	SELL	16.33	Ordinary	(6,288)	(6,288)
20-Dec-17	The Vanguard Group, Inc.	SELL	16.35	Ordinary	(688)	(688)
21-Dec-17	The Vanguard Group, Inc.	SELL	16.53	Ordinary	(2,340)	(2,340)
21-Dec-17	The Vanguard Group, Inc.	BUY	16.53	Ordinary	3,500	3,500
21-Dec-17	The Vanguard Group, Inc.	BUY	16.53	Ordinary	10,140	10,140
21-Dec-17	The Vanguard Group, Inc.	SELL	16.50	Ordinary	(634)	(634)

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-Dec-17	The Vanguard Group, Inc.	BUY	16.36	Ordinary	2,535	2,535
26-Dec-17	The Vanguard Group, Inc.	BUY	16.34	Ordinary	9,800	9,800
26-Dec-17	The Vanguard Group, Inc.	BUY	16.34	Ordinary	792	792
27-Dec-17	The Vanguard Group, Inc.	BUY	16.26	Ordinary	507	507
28-Dec-17	The Vanguard Group, Inc.	BUY	16.23	Ordinary	5,120	5,120
28-Dec-17	The Vanguard Group, Inc.	BUY	16.25	Ordinary	1,005	1,005
29-Dec-17	The Vanguard Group, Inc.	SELL	16.29	Ordinary	(3,510)	(3,510)
29-Dec-17	The Vanguard Group, Inc.	BUY	16.29	Ordinary	396	396
2-Jan-18	The Vanguard Group, Inc.	BUY	16.25	Ordinary	660	660
2-Jan-18	The Vanguard Group, Inc.	BUY	16.25	Ordinary	1,876	1,876
3-Jan-18	The Vanguard Group, Inc.	BUY	16.21	Ordinary	19,609	19,609
4-Jan-18	The Vanguard Group, Inc.	BUY	16.32	Ordinary	19,926	19,926
4-Jan-18	The Vanguard Group, Inc.	BUY	16.30	Ordinary	2,800	2,800
4-Jan-18	The Vanguard Group, Inc.	BUY	16.30	Ordinary	5,070	5,070
4-Jan-18	The Vanguard Group, Inc.	BUY	16.22	Ordinary	9,554	9,554
5-Jan-18	The Vanguard Group, Inc.	BUY	16.38	Ordinary	3,500	3,500
5-Jan-18	The Vanguard Group, Inc.	BUY	16.38	Ordinary	792	792
8-Jan-18	The Vanguard Group, Inc.	BUY	16.34	Ordinary	22,323	22,323
8-Jan-18	The Vanguard Group, Inc.	BUY	16.33	Ordinary	684	684
9-Jan-18	The Vanguard Group, Inc.	BUY	16.18	Ordinary	8,400	8,400
10-Jan-18	The Vanguard Group, Inc.	BUY	15.90	Ordinary	1,584	1,584
10-Jan-18	The Vanguard Group, Inc.	BUY	15.90	Ordinary	595	595
11-Jan-18	The Vanguard Group, Inc.	BUY	15.76	Ordinary	5,600	5,600
12-Jan-18	The Vanguard Group, Inc.	BUY	15.70	Ordinary	4,608	4,608
12-Jan-18	The Vanguard Group, Inc.	BUY	15.63	Ordinary	30,329	30,329
16-Jan-18	The Vanguard Group, Inc.	BUY	15.41	Ordinary	4,200	4,200
16-Jan-18	The Vanguard Group, Inc.	BUY	15.48	Ordinary	360	360
16-Jan-18	The Vanguard Group, Inc.	BUY	15.48	Ordinary	796	796
18-Jan-18	The Vanguard Group, Inc.	BUY	15.53	Ordinary	5,600	5,600
18-Jan-18	The Vanguard Group, Inc.	BUY	15.53	Ordinary	28,701	28,701
18-Jan-18	The Vanguard Group, Inc.	BUY	15.53	Ordinary	792	792
19-Jan-18	The Vanguard Group, Inc.	BUY	15.59	Ordinary	12,756	12,756
19-Jan-18	The Vanguard Group, Inc.	BUY	15.59	Ordinary	792	792
23-Jan-18	The Vanguard Group, Inc.	BUY	15.83	Ordinary	19,134	19,134
24-Jan-18	The Vanguard Group, Inc.	BUY	15.97	Ordinary	2,560	2,560
24-Jan-18	The Vanguard Group, Inc.	BUY	15.97	Ordinary	6,378	6,378
24-Jan-18	The Vanguard Group, Inc.	BUY	15.97	Ordinary	792	792
24-Jan-18	The Vanguard Group, Inc.	SELL	15.99	Ordinary	(2,337)	(2,337)
26-Jan-18	The Vanguard Group, Inc.	BUY	16.08	Ordinary	4,200	4,200
26-Jan-18	The Vanguard Group, Inc.	BUY	16.08	Ordinary	25,512	25,512
26-Jan-18	The Vanguard Group, Inc.	BUY	16.08	Ordinary	1,188	1,188
29-Jan-18	The Vanguard Group, Inc.	BUY	15.89	Ordinary	2,560	2,560
29-Jan-18	The Vanguard Group, Inc.	BUY	15.96	Ordinary	8,113	8,113
29-Jan-18	The Vanguard Group, Inc.	BUY	16.07	Ordinary	4,059	4,059
29-Jan-18	The Vanguard Group, Inc.	BUY	15.96	Ordinary	400	400
29-Jan-18	The Vanguard Group, Inc.	BUY	15.96	Ordinary	857	857
29-Jan-18	The Vanguard Group, Inc.	BUY	16.07	Ordinary	2,037	2,037
30-Jan-18	The Vanguard Group, Inc.	BUY	15.67	Ordinary	4,900	4,900
30-Jan-18	The Vanguard Group, Inc.	BUY	15.92	Ordinary	310	310
31-Jan-18	The Vanguard Group, Inc.	BUY	15.78	Ordinary	39,272	39,272
31-Jan-18	The Vanguard Group, Inc.	BUY	15.78	Ordinary	7,856	7,856
31-Jan-18	The Vanguard Group, Inc.	BUY	15.77	Ordinary	2,028	2,028
1-Feb-18	The Vanguard Group, Inc.	BUY	15.92	Ordinary	2,304	2,304
1-Feb-18	The Vanguard Group, Inc.	BUY	15.92	Ordinary	6,300	6,300
2-Feb-18	The Vanguard Group, Inc.	BUY	15.69	Ordinary	25,512	25,512
5-Feb-18	The Vanguard Group, Inc.	SELL	15.28	Ordinary	(2,340)	(2,340)
5-Feb-18	The Vanguard Group, Inc.	SELL	15.28	Ordinary	(2,925)	(2,925)
5-Feb-18	The Vanguard Group, Inc.	BUY	15.28	Ordinary	3,840	3,840
5-Feb-18	The Vanguard Group, Inc.	BUY	15.28	Ordinary	12,756	12,756
6-Feb-18	The Vanguard Group, Inc.	BUY	15.40	Ordinary	36,436	36,436
7-Feb-18	The Vanguard Group, Inc.	BUY	15.44	Ordinary	7,775	7,775
8-Feb-18	The Vanguard Group, Inc.	SELL	15.37	Ordinary	(1,170)	(1,170)
8-Feb-18	The Vanguard Group, Inc.	BUY	15.34	Ordinary	12,067	12,067
8-Feb-18	The Vanguard Group, Inc.	SELL	15.37	Ordinary	(4,056)	(4,056)
8-Feb-18	The Vanguard Group, Inc.	SELL	15.82	Ordinary	(2,208)	(2,208)
9-Feb-18	The Vanguard Group, Inc.	BUY	15.43	Ordinary	40,254	40,254
9-Feb-18	The Vanguard Group, Inc.	BUY	15.51	Ordinary	650	650
12-Feb-18	The Vanguard Group, Inc.	BUY	15.54	Ordinary	360	360
13-Feb-18	The Vanguard Group, Inc.	BUY	15.77	Ordinary	6,720	6,720

## 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
13-Feb-18	The Vanguard Group, Inc.	BUY	15.77	Ordinary	4,032	4,032
13-Feb-18	The Vanguard Group, Inc.	SELL	15.54	Ordinary	(463)	(463)
13-Feb-18	The Vanguard Group, Inc.	BUY	15.77	Ordinary	1,584	1,584
13-Feb-18	The Vanguard Group, Inc.	BUY	15.69	Ordinary	1,782	1,782
14-Feb-18	The Vanguard Group, Inc.	BUY	16.08	Ordinary	1,280	1,280
14-Feb-18	The Vanguard Group, Inc.	BUY	16.08	Ordinary	792	792
14-Feb-18	The Vanguard Group, Inc.	BUY	15.87	Ordinary	8,629	8,629
14-Feb-18	The Vanguard Group, Inc.	BUY	15.87	Ordinary	492	492
16-Feb-18	The Vanguard Group, Inc.	BUY	15.57	Ordinary	1,280	1,280
16-Feb-18	The Vanguard Group, Inc.	BUY	15.57	Ordinary	8,064	8,064
16-Feb-18	The Vanguard Group, Inc.	BUY	15.57	Ordinary	6,048	6,048
20-Feb-18	The Vanguard Group, Inc.	SELL	15.91	Ordinary	(5,850)	(5,850)
20-Feb-18	The Vanguard Group, Inc.	BUY	15.91	Ordinary	9,567	9,567
21-Feb-18	The Vanguard Group, Inc.	SELL	16.95	Ordinary	(2,340)	(2,340)
21-Feb-18	The Vanguard Group, Inc.	SELL	16.95	Ordinary	(2,925)	(2,925)
21-Feb-18	The Vanguard Group, Inc.	BUY	17.00	Ordinary	675	675
21-Feb-18	The Vanguard Group, Inc.	BUY	17.00	Ordinary	1,036	1,036
22-Feb-18	The Vanguard Group, Inc.	SELL	17.12	Ordinary	(17,123)	(17,123)
22-Feb-18	The Vanguard Group, Inc.	BUY	17.09	Ordinary	117	117
23-Feb-18	The Vanguard Group, Inc.	BUY	17.50	Ordinary	1,192	1,192
26-Feb-18	The Vanguard Group, Inc.	BUY	18.01	Ordinary	3,360	3,360
26-Feb-18	The Vanguard Group, Inc.	BUY	17.88	Ordinary	1,192	1,192
27-Feb-18	The Vanguard Group, Inc.	SELL	17.70	Ordinary	(5,850)	(5,850)
28-Feb-18	The Vanguard Group, Inc.	BUY	17.71	Ordinary	35,732	35,732
28-Feb-18	The Vanguard Group, Inc.	BUY	17.85	Ordinary	360	360
1-Mar-18	The Vanguard Group, Inc.	SELL	17.82	Ordinary	(6,435)	(6,435)
1-Mar-18	The Vanguard Group, Inc.	SELL	17.72	Ordinary	(1,052)	(1,052)
2-Mar-18	The Vanguard Group, Inc.	BUY	17.93	Ordinary	35,896	35,896
5-Mar-18	The Vanguard Group, Inc.	SELL	17.78	Ordinary	(28,701)	(28,701)
5-Mar-18	The Vanguard Group, Inc.	BUY	17.80	Ordinary	5,742	5,742
6-Mar-18	The Vanguard Group, Inc.	BUY	17.86	Ordinary	2,560	2,560
6-Mar-18	The Vanguard Group, Inc.	BUY	17.86	Ordinary	342	342
6-Mar-18	The Vanguard Group, Inc.	BUY	17.86	Ordinary	7,642	7,642
6-Mar-18	The Vanguard Group, Inc.	SELL	17.86	Ordinary	(2,040)	(2,040)
8-Mar-18	The Vanguard Group, Inc.	BUY	17.86	Ordinary	2,987	2,987
9-Mar-18	The Vanguard Group, Inc.	BUY	17.85	Ordinary	438	438
12-Mar-18	The Vanguard Group, Inc.	SELL	17.83	Ordinary	(2,925)	(2,925)
14-Mar-18	The Vanguard Group, Inc.	BUY	17.60	Ordinary	371	371
15-Mar-18	The Vanguard Group, Inc.	BUY	17.57	Ordinary	12,756	12,756
15-Mar-18	The Vanguard Group, Inc.	BUY	17.55	Ordinary	144	144
16-Mar-18	The Vanguard Group, Inc.	SELL	17.74	Ordinary	(4,095)	(4,095)
16-Mar-18	The Vanguard Group, Inc.	SELL	17.72	Ordinary	(6,431)	(6,431)
16-Mar-18	The Vanguard Group, Inc.	BUY	17.74	Ordinary	792	792
16-Mar-18	The Vanguard Group, Inc.	SELL	17.72	Ordinary	(1,082)	(1,082)
16-Mar-18	The Vanguard Group, Inc.	BUY	17.73	Ordinary	101	101
16-Mar-18	The Vanguard Group, Inc.	BUY	17.73	Ordinary	47	47
19-Mar-18	The Vanguard Group, Inc.	BUY	17.83	Ordinary	3,108	3,108
20-Mar-18	The Vanguard Group, Inc.	BUY	17.74	Ordinary	4,098	4,098
20-Mar-18	The Vanguard Group, Inc.	BUY	17.74	Ordinary	1,164	1,164
20-Mar-18	The Vanguard Group, Inc.	BUY	17.82	Ordinary	360	360
21-Mar-18	The Vanguard Group, Inc.	BUY	17.60	Ordinary	1,145	1,145
22-Mar-18	The Vanguard Group, Inc.	SELL	17.32	Ordinary	(287)	(287)
23-Mar-18	The Vanguard Group, Inc.	BUY	16.88	Ordinary	6,830	6,830
23-Mar-18	The Vanguard Group, Inc.	BUY	16.88	Ordinary	3,415	3,415
23-Mar-18	The Vanguard Group, Inc.	BUY	16.88	Ordinary	9,513	9,513
23-Mar-18	The Vanguard Group, Inc.	BUY	17.04	Ordinary	864	864
26-Mar-18	The Vanguard Group, Inc.	BUY	17.38	Ordinary	2,290	2,290
26-Mar-18	The Vanguard Group, Inc.	BUY	17.38	Ordinary	2,049	2,049
27-Mar-18	The Vanguard Group, Inc.	BUY	17.50	Ordinary	7,599	7,599
27-Mar-18	The Vanguard Group, Inc.	BUY	17.38	Ordinary	6,425	6,425
28-Mar-18	The Vanguard Group, Inc.	BUY	17.60	Ordinary	2,732	2,732
29-Mar-18	The Vanguard Group, Inc.	BUY	17.31	Ordinary	4,122	4,122
2-Apr-18	The Vanguard Group, Inc.	BUY	17.21	Ordinary	776	776
3-Apr-18	The Vanguard Group, Inc.	BUY	17.14	Ordinary	7,103	7,103
4-Apr-18	The Vanguard Group, Inc.	BUY	17.17	Ordinary	15,123	15,123
4-Apr-18	The Vanguard Group, Inc.	BUY	17.25	Ordinary	1,006	1,006
4-Apr-18	The Vanguard Group, Inc.	BUY	17.25	Ordinary	2,983	2,983
4-Apr-18	The Vanguard Group, Inc.	BUY	17.17	Ordinary	123	123
4-Apr-18	The Vanguard Group, Inc.	BUY	17.17	Ordinary	1,938	1,938

## 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
5-Apr-18	The Vanguard Group, Inc.	SELL	17.44	Ordinary	(1,719)	(1,719)
9-Apr-18	The Vanguard Group, Inc.	BUY	17.22	Ordinary	2,072	2,072
9-Apr-18	The Vanguard Group, Inc.	BUY	17.24	Ordinary	5,234	5,234
10-Apr-18	The Vanguard Group, Inc.	BUY	17.64	Ordinary	2,061	2,061
10-Apr-18	The Vanguard Group, Inc.	BUY	17.64	Ordinary	22,197	22,197
10-Apr-18	The Vanguard Group, Inc.	BUY	17.60	Ordinary	670	670
11-Apr-18	The Vanguard Group, Inc.	BUY	17.48	Ordinary	43,595	43,595
11-Apr-18	The Vanguard Group, Inc.	BUY	17.48	Ordinary	2,748	2,748
12-Apr-18	The Vanguard Group, Inc.	BUY	17.64	Ordinary	9,513	9,513
13-Apr-18	The Vanguard Group, Inc.	BUY	17.54	Ordinary	776	776
16-Apr-18	The Vanguard Group, Inc.	BUY	17.59	Ordinary	22,197	22,197
18-Apr-18	The Vanguard Group, Inc.	BUY	17.76	Ordinary	2,290	2,290
18-Apr-18	The Vanguard Group, Inc.	BUY	17.77	Ordinary	5,023	5,023
19-Apr-18	The Vanguard Group, Inc.	BUY	17.97	Ordinary	7,407	7,407
24-Apr-18	The Vanguard Group, Inc.	BUY	17.65	Ordinary	776	776
26-Apr-18	The Vanguard Group, Inc.	BUY	17.82	Ordinary	2,290	2,290
26-Apr-18	The Vanguard Group, Inc.	BUY	17.82	Ordinary	10,928	10,928
26-Apr-18	The Vanguard Group, Inc.	BUY	17.83	Ordinary	7,085	7,085
27-Apr-18	The Vanguard Group, Inc.	BUY	17.54	Ordinary	2,519	2,519
27-Apr-18	The Vanguard Group, Inc.	SELL	17.76	Ordinary	(352)	(352)
27-Apr-18	The Vanguard Group, Inc.	BUY	17.56	Ordinary	667	667
1-May-18	The Vanguard Group, Inc.	SELL	17.93	Ordinary	(1,719)	(1,719)
1-May-18	The Vanguard Group, Inc.	BUY	17.96	Ordinary	57,475	57,475
2-May-18	The Vanguard Group, Inc.	BUY	18.17	Ordinary	12,684	12,684
2-May-18	The Vanguard Group, Inc.	BUY	18.17	Ordinary	22,197	22,197
3-May-18	The Vanguard Group, Inc.	BUY	18.32	Ordinary	776	776
3-May-18	The Vanguard Group, Inc.	BUY	18.32	Ordinary	776	776
7-May-18	The Vanguard Group, Inc.	BUY	18.17	Ordinary	4,098	4,098
7-May-18	The Vanguard Group, Inc.	BUY	18.17	Ordinary	776	776
8-May-18	The Vanguard Group, Inc.	BUY	18.15	Ordinary	1,062	1,062
9-May-18	The Vanguard Group, Inc.	BUY	18.14	Ordinary	10,245	10,245
9-May-18	The Vanguard Group, Inc.	BUY	18.10	Ordinary	1,321	1,321
10-May-18	The Vanguard Group, Inc.	BUY	18.22	Ordinary	22,269	22,269
14-May-18	The Vanguard Group, Inc.	BUY	18.25	Ordinary	822	822
15-May-18	The Vanguard Group, Inc.	BUY	18.34	Ordinary	8,196	8,196
16-May-18	The Vanguard Group, Inc.	BUY	18.41	Ordinary	6,734	6,734
17-May-18	The Vanguard Group, Inc.	BUY	18.39	Ordinary	39,628	39,628
17-May-18	The Vanguard Group, Inc.	BUY	18.42	Ordinary	776	776
18-May-18	The Vanguard Group, Inc.	BUY	18.37	Ordinary	14,767	14,767
22-May-18	The Vanguard Group, Inc.	BUY	18.21	Ordinary	4,351	4,351
22-May-18	The Vanguard Group, Inc.	BUY	18.21	Ordinary	4,781	4,781
23-May-18	The Vanguard Group, Inc.	BUY	18.48	Ordinary	674	674
23-May-18	The Vanguard Group, Inc.	BUY	18.48	Ordinary	5,093	5,093
24-May-18	The Vanguard Group, Inc.	SELL	18.95	Ordinary	(1,146)	(1,146)
24-May-18	The Vanguard Group, Inc.	BUY	18.95	Ordinary	776	776
25-May-18	The Vanguard Group, Inc.	BUY	18.58	Ordinary	2,049	2,049
25-May-18	The Vanguard Group, Inc.	BUY	18.60	Ordinary	555	555
30-May-18	The Vanguard Group, Inc.	BUY	18.88	Ordinary	41,933	41,933
30-May-18	The Vanguard Group, Inc.	BUY	18.90	Ordinary	39,505	39,505
31-May-18	The Vanguard Group, Inc.	BUY	18.79	Ordinary	2,786	2,786
31-May-18	The Vanguard Group, Inc.	BUY	18.79	Ordinary	17,096	17,096
31-May-18	The Vanguard Group, Inc.	BUY	18.79	Ordinary	19,127	19,127
31-May-18	The Vanguard Group, Inc.	BUY	18.79	Ordinary	52,660	52,660
1-Jun-18	The Vanguard Group, Inc.	BUY	18.88	Ordinary	35,187	35,187
1-Jun-18	The Vanguard Group, Inc.	BUY	18.93	Ordinary	3,415	3,415
4-Jun-18	The Vanguard Group, Inc.	BUY	19.33	Ordinary	21,046	21,046
5-Jun-18	The Vanguard Group, Inc.	BUY	19.26	Ordinary	9,621	9,621
6-Jun-18	The Vanguard Group, Inc.	BUY	19.21	Ordinary	14,681	14,681
7-Jun-18	The Vanguard Group, Inc.	SELL	19.33	Ordinary	(7,624)	(7,624)
14-Jun-18	The Vanguard Group, Inc.	BUY	18.93	Ordinary	776	776
15-Jun-18	The Vanguard Group, Inc.	SELL	19.28	Ordinary	(67,822)	(67,822)
15-Jun-18	The Vanguard Group, Inc.	SELL	19.28	Ordinary	(13,133)	(13,133)
15-Jun-18	The Vanguard Group, Inc.	SELL	19.28	Ordinary	(9,298)	(9,298)
15-Jun-18	The Vanguard Group, Inc.	BUY	19.29	Ordinary	2,011	2,011
18-Jun-18	The Vanguard Group, Inc.	BUY	19.78	Ordinary	48,195	48,195
18-Jun-18	The Vanguard Group, Inc.	BUY	19.78	Ordinary	9,639	9,639
19-Jun-18	The Vanguard Group, Inc.	BUY	19.83	Ordinary	52,052	52,052
20-Jun-18	The Vanguard Group, Inc.	BUY	19.76	Ordinary	34,107	34,107
22-Jun-18	The Vanguard Group, Inc.	SELL	19.89	Ordinary	(1,007)	(1,007)

## 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-18	The Vanguard Group, Inc.	BUY	19.79	Ordinary	34,142	34,142
27-Jun-18	The Vanguard Group, Inc.	SELL	19.73	Ordinary	(429)	(429)
29-Jun-18	The Vanguard Group, Inc.	BUY	19.81	Ordinary	34,333	34,333
3-Jul-18	The Vanguard Group, Inc.	BUY	19.85	Ordinary	1,170	1,170
4-Jul-18	The Vanguard Group, Inc.	BUY	19.93	Ordinary	40,187	40,187
4-Jul-18	The Vanguard Group, Inc.	SELL	19.89	Ordinary	(14,660)	(14,660)
4-Jul-18	The Vanguard Group, Inc.	BUY	19.99	Ordinary	4,149	4,149
5-Jul-18	The Vanguard Group, Inc.	BUY	19.98	Ordinary	58,593	58,593
6-Jul-18	The Vanguard Group, Inc.	BUY	20.44	Ordinary	2,808	2,808
6-Jul-18	The Vanguard Group, Inc.	BUY	20.37	Ordinary	3,382	3,382
6-Jul-18	The Vanguard Group, Inc.	BUY	20.02	Ordinary	514	514
9-Jul-18	The Vanguard Group, Inc.	BUY	20.29	Ordinary	9,594	9,594
11-Jul-18	The Vanguard Group, Inc.	BUY	20.35	Ordinary	800	800
12-Jul-18	The Vanguard Group, Inc.	SELL	19.98	Ordinary	(2,644)	(2,644)
12-Jul-18	The Vanguard Group, Inc.	SELL	19.94	Ordinary	(295)	(295)
12-Jul-18	The Vanguard Group, Inc.	BUY	19.94	Ordinary	14,527	14,527
12-Jul-18	The Vanguard Group, Inc.	SELL	19.94	Ordinary	(9,354)	(9,354)
17-Jul-18	The Vanguard Group, Inc.	BUY	19.79	Ordinary	360	360
18-Jul-18	The Vanguard Group, Inc.	SELL	20.04	Ordinary	(19,188)	(19,188)
20-Jul-18	The Vanguard Group, Inc.	BUY	20.06	Ordinary	2,340	2,340
20-Jul-18	The Vanguard Group, Inc.	BUY	20.08	Ordinary	3,737	3,737
23-Jul-18	The Vanguard Group, Inc.	SELL	20.00	Ordinary	(1,719)	(1,719)
24-Jul-18	The Vanguard Group, Inc.	SELL	20.06	Ordinary	(267)	(267)
25-Jul-18	The Vanguard Group, Inc.	SELL	19.95	Ordinary	(1,146)	(1,146)
25-Jul-18	The Vanguard Group, Inc.	SELL	19.95	Ordinary	(8,595)	(8,595)
25-Jul-18	The Vanguard Group, Inc.	SELL	19.95	Ordinary	(1,719)	(1,719)
25-Jul-18	The Vanguard Group, Inc.	SELL	19.88	Ordinary	(429)	(429)
27-Jul-18	The Vanguard Group, Inc.	BUY	19.87	Ordinary	8,491	8,491
27-Jul-18	The Vanguard Group, Inc.	SELL	20.08	Ordinary	(3,120)	(3,120)
30-Jul-18	The Vanguard Group, Inc.	SELL	20.23	Ordinary	(2,838)	(2,838)
1-Aug-18	The Vanguard Group, Inc.	SELL	20.40	Ordinary	(265)	(265)
2-Aug-18	The Vanguard Group, Inc.	SELL	20.75	Ordinary	(5,730)	(5,730)
3-Aug-18	The Vanguard Group, Inc.	SELL	21.00	Ordinary	(1,818)	(1,818)
3-Aug-18	The Vanguard Group, Inc.	BUY	21.00	Ordinary	458	458
8-Aug-18	The Vanguard Group, Inc.	BUY	21.47	Ordinary	43,925	43,925
9-Aug-18	The Vanguard Group, Inc.	SELL	21.16	Ordinary	(22,386)	(22,386)
10-Aug-18	The Vanguard Group, Inc.	SELL	21.07	Ordinary	(13,752)	(13,752)
10-Aug-18	The Vanguard Group, Inc.	SELL	21.08	Ordinary	(11,644)	(11,644)
14-Aug-18	The Vanguard Group, Inc.	BUY	20.87	Ordinary	32,454	32,454
15-Aug-18	The Vanguard Group, Inc.	SELL	20.76	Ordinary	(6,876)	(6,876)
15-Aug-18	The Vanguard Group, Inc.	BUY	20.87	Ordinary	32,906	32,906
16-Aug-18	The Vanguard Group, Inc.	BUY	20.81	Ordinary	1,167	1,167
16-Aug-18	The Vanguard Group, Inc.	SELL	20.79	Ordinary	(12,501)	(12,501)
17-Aug-18	The Vanguard Group, Inc.	BUY	20.84	Ordinary	33,341	33,341
17-Aug-18	The Vanguard Group, Inc.	BUY	20.84	Ordinary	1,638	1,638
17-Aug-18	The Vanguard Group, Inc.	BUY	20.84	Ordinary	6,401	6,401
21-Aug-18	The Vanguard Group, Inc.	BUY	20.63	Ordinary	572	572
21-Aug-18	The Vanguard Group, Inc.	BUY	20.63	Ordinary	440	440
24-Aug-18	The Vanguard Group, Inc.	BUY	20.21	Ordinary	2,574	2,574
27-Aug-18	The Vanguard Group, Inc.	SELL	20.26	Ordinary	(17,985)	(17,985)
31-Aug-18	The Vanguard Group, Inc.	BUY	20.48	Ordinary	36,549	36,549
31-Aug-18	The Vanguard Group, Inc.	SELL	20.49	Ordinary	(395)	(395)
31-Aug-18	The Vanguard Group, Inc.	SELL	20.49	Ordinary	(13,405)	(13,405)
5-Sep-18	The Vanguard Group, Inc.	SELL	19.75	Ordinary	(270)	(270)
5-Sep-18	The Vanguard Group, Inc.	SELL	19.59	Ordinary	(485)	(485)
6-Sep-18	The Vanguard Group, Inc.	BUY	19.51	Ordinary	52,896	52,896
7-Sep-18	The Vanguard Group, Inc.	BUY	19.31	Ordinary	8,432	8,432
7-Sep-18	The Vanguard Group, Inc.	BUY	19.31	Ordinary	2,644	2,644
10-Sep-18	The Vanguard Group, Inc.	BUY	19.11	Ordinary	734	734
11-Sep-18	The Vanguard Group, Inc.	BUY	19.23	Ordinary	25,856	25,856
12-Sep-18	The Vanguard Group, Inc.	BUY	19.40	Ordinary	3,966	3,966
12-Sep-18	The Vanguard Group, Inc.	SELL	19.09	Ordinary	(292)	(292)
12-Sep-18	The Vanguard Group, Inc.	SELL	19.40	Ordinary	(37,241)	(37,241)
17-Sep-18	The Vanguard Group, Inc.	BUY	19.58	Ordinary	4,760	4,760
18-Sep-18	The Vanguard Group, Inc.	BUY	19.31	Ordinary	512	512
20-Sep-18	The Vanguard Group, Inc.	BUY	19.10	Ordinary	1,583	1,583
21-Sep-18	The Vanguard Group, Inc.	SELL	19.34	Ordinary	(3,881)	(3,881)
21-Sep-18	The Vanguard Group, Inc.	SELL	19.34	Ordinary	(971)	(971)
26-Sep-18	The Vanguard Group, Inc.	BUY	19.45	Ordinary	5,624	5,624

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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
26-Sep-18	The Vanguard Group, Inc.	BUY	19.45	Ordinary	2,812	2,812
26-Sep-18	The Vanguard Group, Inc.	BUY	19.45	Ordinary	7,030	7,030
28-Sep-18	The Vanguard Group, Inc.	BUY	19.66	Ordinary	429	429
1-Oct-18	The Vanguard Group, Inc.	BUY	19.48	Ordinary	4,218	4,218
2-Oct-18	The Vanguard Group, Inc.	BUY	19.27	Ordinary	76,073	76,073
2-Oct-18	The Vanguard Group, Inc.	BUY	19.27	Ordinary	11,248	11,248
2-Oct-18	The Vanguard Group, Inc.	SELL	19.50	Ordinary	(279)	(279)
2-Oct-18	The Vanguard Group, Inc.	SELL	19.27	Ordinary	(1,510)	(1,510)
3-Oct-18	The Vanguard Group, Inc.	BUY	18.97	Ordinary	4,218	4,218
3-Oct-18	The Vanguard Group, Inc.	BUY	18.97	Ordinary	3,738	3,738
9-Oct-18	The Vanguard Group, Inc.	BUY	18.14	Ordinary	10,591	10,591
11-Oct-18	The Vanguard Group, Inc.	BUY	17.92	Ordinary	3,474	3,474
12-Oct-18	The Vanguard Group, Inc.	SELL	18.01	Ordinary	(25,696)	(25,696)
15-Oct-18	The Vanguard Group, Inc.	BUY	17.41	Ordinary	5,790	5,790
16-Oct-18	The Vanguard Group, Inc.	BUY	17.51	Ordinary	60,002	60,002
18-Oct-18	The Vanguard Group, Inc.	SELL	17.75	Ordinary	(360)	(360)
19-Oct-18	The Vanguard Group, Inc.	BUY	17.77	Ordinary	3,474	3,474
19-Oct-18	The Vanguard Group, Inc.	BUY	17.77	Ordinary	4,218	4,218
23-Oct-18	The Vanguard Group, Inc.	SELL	17.81	Ordinary	(25,696)	(25,696)
23-Oct-18	The Vanguard Group, Inc.	SELL	17.81	Ordinary	(9,636)	(9,636)
23-Oct-18	The Vanguard Group, Inc.	BUY	17.78	Ordinary	3,608	3,608
25-Oct-18	The Vanguard Group, Inc.	BUY	17.32	Ordinary	3,515	3,515
26-Oct-18	The Vanguard Group, Inc.	BUY	17.10	Ordinary	68,482	68,482
26-Oct-18	The Vanguard Group, Inc.	BUY	17.07	Ordinary	62,265	62,265
26-Oct-18	The Vanguard Group, Inc.	BUY	17.10	Ordinary	20,914	20,914
26-Oct-18	The Vanguard Group, Inc.	BUY	17.07	Ordinary	587	587
26-Oct-18	The Vanguard Group, Inc.	BUY	17.10	Ordinary	1,996	1,996
29-Oct-18	The Vanguard Group, Inc.	SELL	17.06	Ordinary	(12,848)	(12,848)
29-Oct-18	The Vanguard Group, Inc.	SELL	17.06	Ordinary	(12,848)	(12,848)
30-Oct-18	The Vanguard Group, Inc.	BUY	17.41	Ordinary	8,697	8,697
31-Oct-18	The Vanguard Group, Inc.	BUY	17.64	Ordinary	4,921	4,921
31-Oct-18	The Vanguard Group, Inc.	SELL	17.64	Ordinary	(9,636)	(9,636)
31-Oct-18	The Vanguard Group, Inc.	SELL	17.64	Ordinary	(41,756)	(41,756)
1-Nov-18	The Vanguard Group, Inc.	BUY	17.84	Ordinary	7,030	7,030
1-Nov-18	The Vanguard Group, Inc.	SELL	17.79	Ordinary	(37,853)	(37,853)
2-Nov-18	The Vanguard Group, Inc.	SELL	17.23	Ordinary	(12,989)	(12,989)
5-Nov-18	The Vanguard Group, Inc.	SELL	17.18	Ordinary	(4,344)	(4,344)
7-Nov-18	The Vanguard Group, Inc.	BUY	17.39	Ordinary	5,624	5,624
9-Nov-18	The Vanguard Group, Inc.	SELL	14.25	Ordinary	(1,192)	(1,192)
12-Nov-18	The Vanguard Group, Inc.	BUY	13.25	Ordinary	4,218	4,218
13-Nov-18	The Vanguard Group, Inc.	BUY	13.25	Ordinary	1,595	1,595
13-Nov-18	The Vanguard Group, Inc.	BUY	12.72	Ordinary	2,420	2,420
14-Nov-18	The Vanguard Group, Inc.	BUY	12.73	Ordinary	4,218	4,218
14-Nov-18	The Vanguard Group, Inc.	BUY	12.73	Ordinary	5,624	5,624
14-Nov-18	The Vanguard Group, Inc.	BUY	12.78	Ordinary	48,384	48,384
15-Nov-18	The Vanguard Group, Inc.	BUY	13.33	Ordinary	5,728	5,728
15-Nov-18	The Vanguard Group, Inc.	BUY	13.33	Ordinary	604	604
15-Nov-18	The Vanguard Group, Inc.	BUY	13.27	Ordinary	2,461	2,461
21-Nov-18	The Vanguard Group, Inc.	BUY	12.75	Ordinary	5,624	5,624
23-Nov-18	The Vanguard Group, Inc.	BUY	13.12	Ordinary	135	135
27-Nov-18	The Vanguard Group, Inc.	BUY	12.95	Ordinary	692	692
28-Nov-18	The Vanguard Group, Inc.	BUY	13.17	Ordinary	3,474	3,474
28-Nov-18	The Vanguard Group, Inc.	BUY	13.17	Ordinary	579	579
28-Nov-18	The Vanguard Group, Inc.	BUY	13.17	Ordinary	3,515	3,515
28-Nov-18	The Vanguard Group, Inc.	BUY	13.17	Ordinary	4,361	4,361
29-Nov-18	The Vanguard Group, Inc.	BUY	13.05	Ordinary	412	412
30-Nov-18	The Vanguard Group, Inc.	BUY	12.71	Ordinary	335	335
30-Nov-18	The Vanguard Group, Inc.	SELL	12.69	Ordinary	(8,077)	(8,077)
30-Nov-18	The Vanguard Group, Inc.	SELL	12.69	Ordinary	(22,325)	(22,325)
3-Dec-18	The Vanguard Group, Inc.	BUY	13.11	Ordinary	670	670
4-Dec-18	The Vanguard Group, Inc.	BUY	12.72	Ordinary	5,728	5,728
4-Dec-18	The Vanguard Group, Inc.	BUY	12.72	Ordinary	5,624	5,624
4-Dec-18	The Vanguard Group, Inc.	BUY	12.88	Ordinary	4,545	4,545
4-Dec-18	The Vanguard Group, Inc.	BUY	12.88	Ordinary	5,803	5,803
5-Dec-18	The Vanguard Group, Inc.	BUY	12.47	Ordinary	17,557	17,557
5-Dec-18	The Vanguard Group, Inc.	BUY	12.47	Ordinary	2,868	2,868
6-Dec-18	The Vanguard Group, Inc.	BUY	12.50	Ordinary	4,296	4,296
6-Dec-18	The Vanguard Group, Inc.	BUY	12.44	Ordinary	3,870	3,870
6-Dec-18	The Vanguard Group, Inc.	SELL	12.44	Ordinary	(562)	(562)

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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-Dec-18	The Vanguard Group, Inc.	BUY	12.45	Ordinary	26,374	26,374
7-Dec-18	The Vanguard Group, Inc.	BUY	12.16	Ordinary	5,624	5,624
7-Dec-18	The Vanguard Group, Inc.	BUY	12.16	Ordinary	4,921	4,921
10-Dec-18	The Vanguard Group, Inc.	BUY	11.65	Ordinary	3,074	3,074
11-Dec-18	The Vanguard Group, Inc.	BUY	11.40	Ordinary	5,624	5,624
11-Dec-18	The Vanguard Group, Inc.	BUY	11.40	Ordinary	4,218	4,218
12-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	4,218	4,218
12-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	4,218	4,218
12-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	11,951	11,951
12-Dec-18	The Vanguard Group, Inc.	SELL	11.46	Ordinary	(589)	(589)
12-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	9,636	9,636
12-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	2,492	2,492
13-Dec-18	The Vanguard Group, Inc.	BUY	11.62	Ordinary	4,361	4,361
13-Dec-18	The Vanguard Group, Inc.	BUY	11.62	Ordinary	700	700
13-Dec-18	The Vanguard Group, Inc.	BUY	11.64	Ordinary	769	769
14-Dec-18	The Vanguard Group, Inc.	BUY	11.53	Ordinary	4,218	4,218
14-Dec-18	The Vanguard Group, Inc.	BUY	11.53	Ordinary	1,869	1,869
14-Dec-18	The Vanguard Group, Inc.	SELL	11.58	Ordinary	(440)	(440)
17-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	8,436	8,436
17-Dec-18	The Vanguard Group, Inc.	BUY	11.56	Ordinary	6,230	6,230
19-Dec-18	The Vanguard Group, Inc.	SELL	11.78	Ordinary	(19,272)	(19,272)
20-Dec-18	The Vanguard Group, Inc.	BUY	11.71	Ordinary	5,624	5,624
20-Dec-18	The Vanguard Group, Inc.	SELL	11.78	Ordinary	(21,232)	(21,232)
20-Dec-18	The Vanguard Group, Inc.	BUY	11.78	Ordinary	4,432	4,432
21-Dec-18	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(23,140)	(23,140)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(182,813)	(182,813)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(87,289)	(87,289)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.61	Ordinary	(467)	(467)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.61	Ordinary	(72,273)	(72,273)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(23,775)	(23,775)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.61	Ordinary	(11,829)	(11,829)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(1,452)	(1,452)
21-Dec-18	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(1,153)	(1,153)
24-Dec-18	The Vanguard Group, Inc.	BUY	11.64	Ordinary	5,000	5,000
24-Dec-18	The Vanguard Group, Inc.	BUY	11.64	Ordinary	8,000	8,000
26-Dec-18	The Vanguard Group, Inc.	BUY	11.91	Ordinary	3,000	3,000
27-Dec-18	The Vanguard Group, Inc.	BUY	11.90	Ordinary	1,180	1,180
27-Dec-18	The Vanguard Group, Inc.	BUY	11.90	Ordinary	1,500	1,500
27-Dec-18	The Vanguard Group, Inc.	BUY	11.90	Ordinary	7,500	7,500
27-Dec-18	The Vanguard Group, Inc.	BUY	11.90	Ordinary	2,500	2,500
27-Dec-18	The Vanguard Group, Inc.	BUY	11.90	Ordinary	670	670
28-Dec-18	The Vanguard Group, Inc.	BUY	11.55	Ordinary	16,664	16,664
31-Dec-18	The Vanguard Group, Inc.	BUY	11.63	Ordinary	5,664	5,664
2-Jan-19	The Vanguard Group, Inc.	BUY	11.18	Ordinary	4,248	4,248
2-Jan-19	The Vanguard Group, Inc.	BUY	11.18	Ordinary	1,652	1,652
2-Jan-19	The Vanguard Group, Inc.	BUY	11.59	Ordinary	792	792
2-Jan-19	The Vanguard Group, Inc.	BUY	11.18	Ordinary	3,500	3,500
2-Jan-19	The Vanguard Group, Inc.	BUY	11.18	Ordinary	3,000	3,000
2-Jan-19	The Vanguard Group, Inc.	BUY	11.18	Ordinary	744	744
2-Jan-19	The Vanguard Group, Inc.	BUY	11.11	Ordinary	3,702	3,702
3-Jan-19	The Vanguard Group, Inc.	BUY	11.49	Ordinary	63,927	63,927
3-Jan-19	The Vanguard Group, Inc.	BUY	11.48	Ordinary	2,500	2,500
3-Jan-19	The Vanguard Group, Inc.	BUY	11.48	Ordinary	744	744
7-Jan-19	The Vanguard Group, Inc.	BUY	11.47	Ordinary	1,000	1,000
8-Jan-19	The Vanguard Group, Inc.	BUY	11.84	Ordinary	1,675	1,675
8-Jan-19	The Vanguard Group, Inc.	SELL	11.69	Ordinary	(12,307)	(12,307)
10-Jan-19	The Vanguard Group, Inc.	BUY	11.69	Ordinary	3,776	3,776
10-Jan-19	The Vanguard Group, Inc.	BUY	11.69	Ordinary	6,344	6,344
10-Jan-19	The Vanguard Group, Inc.	BUY	11.69	Ordinary	1,488	1,488
10-Jan-19	The Vanguard Group, Inc.	SELL	11.68	Ordinary	(11,769)	(11,769)
10-Jan-19	The Vanguard Group, Inc.	BUY	11.65	Ordinary	2,965	2,965
11-Jan-19	The Vanguard Group, Inc.	BUY	11.81	Ordinary	1,416	1,416
11-Jan-19	The Vanguard Group, Inc.	BUY	11.81	Ordinary	12,688	12,688
11-Jan-19	The Vanguard Group, Inc.	BUY	11.81	Ordinary	670	670
15-Jan-19	The Vanguard Group, Inc.	SELL	11.95	Ordinary	(3,172)	(3,172)
15-Jan-19	The Vanguard Group, Inc.	BUY	11.74	Ordinary	25,022	25,022
16-Jan-19	The Vanguard Group, Inc.	SELL	12.07	Ordinary	(63,440)	(63,440)
17-Jan-19	The Vanguard Group, Inc.	SELL	11.97	Ordinary	(4,056)	(4,056)
17-Jan-19	The Vanguard Group, Inc.	BUY	11.91	Ordinary	982	982

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17-Jan-19	The Vanguard Group, Inc.	SELL	11.91	Ordinary	(4,513)	(4,513)
18-Jan-19	The Vanguard Group, Inc.	SELL	12.04	Ordinary	(529)	(529)
22-Jan-19	The Vanguard Group, Inc.	SELL	12.05	Ordinary	(4,056)	(4,056)
22-Jan-19	The Vanguard Group, Inc.	BUY	12.09	Ordinary	159	159
23-Jan-19	The Vanguard Group, Inc.	BUY	12.07	Ordinary	24,559	24,559
23-Jan-19	The Vanguard Group, Inc.	SELL	12.07	Ordinary	(8,788)	(8,788)
24-Jan-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(8,788)	(8,788)
24-Jan-19	The Vanguard Group, Inc.	BUY	11.91	Ordinary	6,973	6,973
25-Jan-19	The Vanguard Group, Inc.	BUY	12.00	Ordinary	516	516
28-Jan-19	The Vanguard Group, Inc.	SELL	11.96	Ordinary	(3,000)	(3,000)
29-Jan-19	The Vanguard Group, Inc.	SELL	12.13	Ordinary	(5,408)	(5,408)
29-Jan-19	The Vanguard Group, Inc.	SELL	12.13	Ordinary	(12,844)	(12,844)
29-Jan-19	The Vanguard Group, Inc.	SELL	12.13	Ordinary	(5,408)	(5,408)
29-Jan-19	The Vanguard Group, Inc.	SELL	12.13	Ordinary	(2,000)	(2,000)
30-Jan-19	The Vanguard Group, Inc.	BUY	12.37	Ordinary	1,652	1,652
30-Jan-19	The Vanguard Group, Inc.	SELL	12.37	Ordinary	(3,000)	(3,000)
30-Jan-19	The Vanguard Group, Inc.	BUY	12.31	Ordinary	15,848	15,848
31-Jan-19	The Vanguard Group, Inc.	SELL	12.25	Ordinary	(8,500)	(8,500)
31-Jan-19	The Vanguard Group, Inc.	BUY	12.23	Ordinary	360	360
1-Feb-19	The Vanguard Group, Inc.	SELL	12.14	Ordinary	(15,860)	(15,860)
1-Feb-19	The Vanguard Group, Inc.	SELL	12.14	Ordinary	(12,688)	(12,688)
5-Feb-19	The Vanguard Group, Inc.	BUY	12.32	Ordinary	2,596	2,596
5-Feb-19	The Vanguard Group, Inc.	BUY	12.16	Ordinary	2,924	2,924
7-Feb-19	The Vanguard Group, Inc.	SELL	12.76	Ordinary	(4,552)	(4,552)
7-Feb-19	The Vanguard Group, Inc.	BUY	12.76	Ordinary	4,720	4,720
7-Feb-19	The Vanguard Group, Inc.	SELL	12.76	Ordinary	(2,000)	(2,000)
7-Feb-19	The Vanguard Group, Inc.	SELL	12.76	Ordinary	(2,000)	(2,000)
8-Feb-19	The Vanguard Group, Inc.	SELL	12.60	Ordinary	(6,500)	(6,500)
8-Feb-19	The Vanguard Group, Inc.	BUY	12.58	Ordinary	7,244	7,244
11-Feb-19	The Vanguard Group, Inc.	SELL	12.60	Ordinary	(4,500)	(4,500)
11-Feb-19	The Vanguard Group, Inc.	BUY	12.59	Ordinary	11,459	11,459
12-Feb-19	The Vanguard Group, Inc.	BUY	12.90	Ordinary	56,018	56,018
12-Feb-19	The Vanguard Group, Inc.	SELL	12.91	Ordinary	(29,856)	(29,856)
13-Feb-19	The Vanguard Group, Inc.	SELL	13.38	Ordinary	(3,000)	(3,000)
15-Feb-19	The Vanguard Group, Inc.	SELL	13.45	Ordinary	(374)	(374)
18-Feb-19	The Vanguard Group, Inc.	BUY	13.67	Ordinary	2,643	2,643
20-Feb-19	The Vanguard Group, Inc.	SELL	13.79	Ordinary	(10,104)	(10,104)
20-Feb-19	The Vanguard Group, Inc.	BUY	13.79	Ordinary	9,216	9,216
21-Feb-19	The Vanguard Group, Inc.	SELL	13.88	Ordinary	(2,500)	(2,500)
22-Feb-19	The Vanguard Group, Inc.	BUY	13.96	Ordinary	21,471	21,471
25-Feb-19	The Vanguard Group, Inc.	BUY	13.24	Ordinary	3,172	3,172
26-Feb-19	The Vanguard Group, Inc.	BUY	12.85	Ordinary	3,380	3,380
27-Feb-19	The Vanguard Group, Inc.	BUY	12.78	Ordinary	744	744
27-Feb-19	The Vanguard Group, Inc.	BUY	12.72	Ordinary	360	360
28-Feb-19	The Vanguard Group, Inc.	SELL	12.87	Ordinary	(565)	(565)
28-Feb-19	The Vanguard Group, Inc.	SELL	12.88	Ordinary	(10,923)	(10,923)
28-Feb-19	The Vanguard Group, Inc.	SELL	12.87	Ordinary	(16,888)	(16,888)
1-Mar-19	The Vanguard Group, Inc.	BUY	13.03	Ordinary	54,566	54,566
1-Mar-19	The Vanguard Group, Inc.	BUY	13.36	Ordinary	9,516	9,516
1-Mar-19	The Vanguard Group, Inc.	BUY	13.36	Ordinary	1,693	1,693
1-Mar-19	The Vanguard Group, Inc.	SELL	13.36	Ordinary	(10,870)	(10,870)
1-Mar-19	The Vanguard Group, Inc.	SELL	13.36	Ordinary	(23,979)	(23,979)
1-Mar-19	The Vanguard Group, Inc.	BUY	13.36	Ordinary	493	493
4-Mar-19	The Vanguard Group, Inc.	SELL	13.45	Ordinary	(10,521)	(10,521)
4-Mar-19	The Vanguard Group, Inc.	SELL	13.45	Ordinary	(2,726)	(2,726)
5-Mar-19	The Vanguard Group, Inc.	BUY	13.39	Ordinary	4,056	4,056
5-Mar-19	The Vanguard Group, Inc.	BUY	13.39	Ordinary	15,860	15,860
5-Mar-19	The Vanguard Group, Inc.	SELL	13.39	Ordinary	(4,152)	(4,152)
6-Mar-19	The Vanguard Group, Inc.	BUY	13.27	Ordinary	516	516
6-Mar-19	The Vanguard Group, Inc.	BUY	13.50	Ordinary	10,701	10,701
8-Mar-19	The Vanguard Group, Inc.	BUY	12.87	Ordinary	3,380	3,380
11-Mar-19	The Vanguard Group, Inc.	BUY	12.60	Ordinary	360	360
15-Mar-19	The Vanguard Group, Inc.	SELL	12.56	Ordinary	(551)	(551)
15-Mar-19	The Vanguard Group, Inc.	SELL	12.56	Ordinary	(1,014)	(1,014)
18-Mar-19	The Vanguard Group, Inc.	BUY	12.50	Ordinary	3,304	3,304
19-Mar-19	The Vanguard Group, Inc.	BUY	12.37	Ordinary	3,418	3,418
19-Mar-19	The Vanguard Group, Inc.	BUY	12.37	Ordinary	143	143
20-Mar-19	The Vanguard Group, Inc.	BUY	12.32	Ordinary	2,028	2,028
21-Mar-19	The Vanguard Group, Inc.	BUY	12.08	Ordinary	1,245	1,245

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27-Mar-19	The Vanguard Group, Inc.	BUY	11.93	Ordinary	64,526	64,526
27-Mar-19	The Vanguard Group, Inc.	SELL	11.88	Ordinary	(470)	(470)
27-Mar-19	The Vanguard Group, Inc.	BUY	11.99	Ordinary	12,664	12,664
27-Mar-19	The Vanguard Group, Inc.	BUY	11.99	Ordinary	770	770
29-Mar-19	The Vanguard Group, Inc.	BUY	12.38	Ordinary	360	360
29-Mar-19	The Vanguard Group, Inc.	SELL	12.38	Ordinary	(9,311)	(9,311)
1-Apr-19	The Vanguard Group, Inc.	BUY	12.30	Ordinary	2,704	2,704
1-Apr-19	The Vanguard Group, Inc.	BUY	12.30	Ordinary	770	770
2-Apr-19	The Vanguard Group, Inc.	BUY	12.46	Ordinary	57,271	57,271
2-Apr-19	The Vanguard Group, Inc.	BUY	12.46	Ordinary	574	574
4-Apr-19	The Vanguard Group, Inc.	BUY	12.32	Ordinary	1,079	1,079
4-Apr-19	The Vanguard Group, Inc.	SELL	12.32	Ordinary	(4,321)	(4,321)
5-Apr-19	The Vanguard Group, Inc.	BUY	12.31	Ordinary	4,720	4,720
5-Apr-19	The Vanguard Group, Inc.	BUY	12.31	Ordinary	9,498	9,498
5-Apr-19	The Vanguard Group, Inc.	BUY	12.31	Ordinary	3,166	3,166
5-Apr-19	The Vanguard Group, Inc.	BUY	12.31	Ordinary	770	770
8-Apr-19	The Vanguard Group, Inc.	BUY	12.33	Ordinary	770	770
9-Apr-19	The Vanguard Group, Inc.	SELL	12.45	Ordinary	(3,357)	(3,357)
10-Apr-19	The Vanguard Group, Inc.	BUY	12.52	Ordinary	13,588	13,588
12-Apr-19	The Vanguard Group, Inc.	BUY	12.69	Ordinary	22,362	22,362
16-Apr-19	The Vanguard Group, Inc.	BUY	12.64	Ordinary	19,848	19,848
16-Apr-19	The Vanguard Group, Inc.	BUY	12.64	Ordinary	506	506
16-Apr-19	The Vanguard Group, Inc.	BUY	12.67	Ordinary	360	360
18-Apr-19	The Vanguard Group, Inc.	BUY	12.80	Ordinary	7,159	7,159
23-Apr-19	The Vanguard Group, Inc.	BUY	12.85	Ordinary	4,248	4,248
23-Apr-19	The Vanguard Group, Inc.	SELL	12.80	Ordinary	(3,076)	(3,076)
24-Apr-19	The Vanguard Group, Inc.	BUY	12.99	Ordinary	55,108	55,108
24-Apr-19	The Vanguard Group, Inc.	SELL	13.08	Ordinary	(10,952)	(10,952)
24-Apr-19	The Vanguard Group, Inc.	BUY	13.08	Ordinary	1,026	1,026
26-Apr-19	The Vanguard Group, Inc.	BUY	13.25	Ordinary	3,380	3,380
26-Apr-19	The Vanguard Group, Inc.	SELL	13.00	Ordinary	(123)	(123)
26-Apr-19	The Vanguard Group, Inc.	BUY	13.25	Ordinary	9,924	9,924
26-Apr-19	The Vanguard Group, Inc.	BUY	13.25	Ordinary	3,308	3,308
29-Apr-19	The Vanguard Group, Inc.	BUY	13.23	Ordinary	16,202	16,202
29-Apr-19	The Vanguard Group, Inc.	BUY	13.27	Ordinary	6,280	6,280
7-Sep-17	Vanguard Investments Australia Ltd	BUY	16.47	Ordinary	12,544	12,544
8-Sep-17	Vanguard Investments Australia Ltd	BUY	16.75	Ordinary	5,665	5,665
15-Sep-17	Vanguard Investments Australia Ltd	BUY	17.68	Ordinary	10,976	10,976
15-Sep-17	Vanguard Investments Australia Ltd	BUY	17.68	Ordinary	7,102	7,102
15-Sep-17	Vanguard Investments Australia Ltd	BUY	17.68	Ordinary	18,187	18,187
21-Sep-17	Vanguard Investments Australia Ltd	BUY	17.84	Ordinary	7,322	7,322
21-Sep-17	Vanguard Investments Australia Ltd	BUY	17.84	Ordinary	11,084	11,084
22-Sep-17	Vanguard Investments Australia Ltd	BUY	17.90	Ordinary	14,932	14,932
26-Sep-17	Vanguard Investments Australia Ltd	BUY	17.93	Ordinary	17,782	17,782
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	1,047	1,047
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	26,440	26,440
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	2,706	2,706
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	2,875	2,875
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	4,705	4,705
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	13,220	13,220
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	2,650	2,650
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	7,023	7,023
27-Sep-17	Vanguard Investments Australia Ltd	BUY	17.71	Ordinary	16,213	16,213
28-Sep-17	Vanguard Investments Australia Ltd	BUY	17.94	Ordinary	234	234
28-Sep-17	Vanguard Investments Australia Ltd	BUY	17.92	Ordinary	79,496	79,496
29-Sep-17	Vanguard Investments Australia Ltd	SELL	17.92	Ordinary	(3,386)	(3,386)
3-Oct-17	Vanguard Investments Australia Ltd	SELL	18.29	Ordinary	(16,980)	(16,980)
4-Oct-17	Vanguard Investments Australia Ltd	BUY	18.10	Ordinary	5,190	5,190
6-Oct-17	Vanguard Investments Australia Ltd	BUY	18.21	Ordinary	12,990	12,990
9-Oct-17	Vanguard Investments Australia Ltd	SELL	18.33	Ordinary	(50,907)	(50,907)
9-Oct-17	Vanguard Investments Australia Ltd	BUY	18.32	Ordinary	15,241	15,241
9-Oct-17	Vanguard Investments Australia Ltd	SELL	18.32	Ordinary	(15,241)	(15,241)
11-Oct-17	Vanguard Investments Australia Ltd	SELL	18.44	Ordinary	(113,886)	(113,886)
16-Oct-17	Vanguard Investments Australia Ltd	SELL	18.53	Ordinary	(193)	(193)
16-Oct-17	Vanguard Investments Australia Ltd	SELL	18.54	Ordinary	(82,700)	(82,700)
16-Oct-17	Vanguard Investments Australia Ltd	SELL	18.53	Ordinary	(3,347)	(3,347)
18-Oct-17	Vanguard Investments Australia Ltd	SELL	16.65	Ordinary	(60,833)	(60,833)
18-Oct-17	Vanguard Investments Australia Ltd	BUY	16.65	Ordinary	30,129	30,129
25-Oct-17	Vanguard Investments Australia Ltd	SELL	16.55	Ordinary	(197,608)	(197,608)

## 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-Oct-17	Vanguard Investments Australia Ltd	BUY	16.68	Ordinary	3,390	3,390
31-Oct-17	Vanguard Investments Australia Ltd	SELL	16.21	Ordinary	(1,760)	(1,760)
1-Nov-17	Vanguard Investments Australia Ltd	BUY	16.26	Ordinary	8,103	8,103
1-Nov-17	Vanguard Investments Australia Ltd	BUY	16.26	Ordinary	7,090	7,090
7-Nov-17	Vanguard Investments Australia Ltd	BUY	16.50	Ordinary	4,680	4,680
7-Nov-17	Vanguard Investments Australia Ltd	BUY	16.50	Ordinary	7,479	7,479
10-Nov-17	Vanguard Investments Australia Ltd	SELL	16.58	Ordinary	(3,080)	(3,080)
13-Nov-17	Vanguard Investments Australia Ltd	BUY	16.55	Ordinary	9,069	9,069
14-Nov-17	Vanguard Investments Australia Ltd	SELL	16.25	Ordinary	(998)	(998)
16-Nov-17	Vanguard Investments Australia Ltd	BUY	16.20	Ordinary	4,761	4,761
22-Nov-17	Vanguard Investments Australia Ltd	BUY	16.15	Ordinary	5,290	5,290
24-Nov-17	Vanguard Investments Australia Ltd	SELL	16.05	Ordinary	(3,954)	(3,954)
24-Nov-17	Vanguard Investments Australia Ltd	BUY	16.05	Ordinary	9,079	9,079
24-Nov-17	Vanguard Investments Australia Ltd	BUY	16.05	Ordinary	6,877	6,877
27-Nov-17	Vanguard Investments Australia Ltd	BUY	16.20	Ordinary	12,585	12,585
29-Nov-17	Vanguard Investments Australia Ltd	BUY	16.23	Ordinary	3,922	3,922
30-Nov-17	Vanguard Investments Australia Ltd	SELL	15.90	Ordinary	(809)	(809)
1-Dec-17	Vanguard Investments Australia Ltd	SELL	15.94	Ordinary	(2,091)	(2,091)
4-Dec-17	Vanguard Investments Australia Ltd	SELL	15.72	Ordinary	(6,681)	(6,681)
4-Dec-17	Vanguard Investments Australia Ltd	BUY	15.72	Ordinary	6,681	6,681
4-Dec-17	Vanguard Investments Australia Ltd	SELL	15.72	Ordinary	(15,406)	(15,406)
5-Dec-17	Vanguard Investments Australia Ltd	SELL	15.88	Ordinary	(11,638)	(11,638)
6-Dec-17	Vanguard Investments Australia Ltd	BUY	15.70	Ordinary	9,711	9,711
12-Dec-17	Vanguard Investments Australia Ltd	SELL	16.33	Ordinary	(9,130)	(9,130)
14-Dec-17	Vanguard Investments Australia Ltd	BUY	16.03	Ordinary	2,600	2,600
15-Dec-17	Vanguard Investments Australia Ltd	SELL	16.09	Ordinary	(3,976)	(3,976)
19-Dec-17	Vanguard Investments Australia Ltd	BUY	16.19	Ordinary	2,740	2,740
20-Dec-17	Vanguard Investments Australia Ltd	BUY	16.35	Ordinary	4,635	4,635
21-Dec-17	Vanguard Investments Australia Ltd	BUY	16.50	Ordinary	1,613	1,613
22-Dec-17	Vanguard Investments Australia Ltd	SELL	16.37	Ordinary	(1,771)	(1,771)
28-Dec-17	Vanguard Investments Australia Ltd	BUY	16.25	Ordinary	16,849	16,849
4-Jan-18	Vanguard Investments Australia Ltd	BUY	16.22	Ordinary	19,910	19,910
10-Jan-18	Vanguard Investments Australia Ltd	SELL	15.90	Ordinary	(6,695)	(6,695)
16-Jan-18	Vanguard Investments Australia Ltd	BUY	15.48	Ordinary	5,150	5,150
23-Jan-18	Vanguard Investments Australia Ltd	BUY	15.82	Ordinary	6,543	6,543
24-Jan-18	Vanguard Investments Australia Ltd	BUY	15.99	Ordinary	3,605	3,605
25-Jan-18	Vanguard Investments Australia Ltd	SELL	15.93	Ordinary	(19,879)	(19,879)
25-Jan-18	Vanguard Investments Australia Ltd	BUY	15.93	Ordinary	8,553	8,553
25-Jan-18	Vanguard Investments Australia Ltd	BUY	15.93	Ordinary	7,554	7,554
29-Jan-18	Vanguard Investments Australia Ltd	BUY	15.96	Ordinary	3,090	3,090
30-Jan-18	Vanguard Investments Australia Ltd	BUY	15.73	Ordinary	8,127	8,127
1-Feb-18	Vanguard Investments Australia Ltd	SELL	15.94	Ordinary	(39,140)	(39,140)
5-Feb-18	Vanguard Investments Australia Ltd	SELL	15.75	Ordinary	(4,095)	(4,095)
6-Feb-18	Vanguard Investments Australia Ltd	BUY	15.30	Ordinary	3,090	3,090
8-Feb-18	Vanguard Investments Australia Ltd	BUY	15.82	Ordinary	7,532	7,532
9-Feb-18	Vanguard Investments Australia Ltd	BUY	15.51	Ordinary	6,180	6,180
12-Feb-18	Vanguard Investments Australia Ltd	BUY	15.54	Ordinary	7,484	7,484
16-Feb-18	Vanguard Investments Australia Ltd	BUY	15.57	Ordinary	7,475	7,475
20-Feb-18	Vanguard Investments Australia Ltd	BUY	15.96	Ordinary	6,180	6,180
23-Feb-18	Vanguard Investments Australia Ltd	SELL	17.50	Ordinary	(8,681)	(8,681)
26-Feb-18	Vanguard Investments Australia Ltd	BUY	17.88	Ordinary	7,374	7,374
28-Feb-18	Vanguard Investments Australia Ltd	BUY	17.82	Ordinary	1,495	1,495
1-Mar-18	Vanguard Investments Australia Ltd	BUY	17.95	Ordinary	4,887	4,887
6-Mar-18	Vanguard Investments Australia Ltd	SELL	17.86	Ordinary	(5,670)	(5,670)
13-Mar-18	Vanguard Investments Australia Ltd	BUY	17.85	Ordinary	2,715	2,715
16-Mar-18	Vanguard Investments Australia Ltd	SELL	17.73	Ordinary	(13,567)	(13,567)
21-Mar-18	Vanguard Investments Australia Ltd	BUY	17.59	Ordinary	3,264	3,264
26-Mar-18	Vanguard Investments Australia Ltd	BUY	17.17	Ordinary	8,713	8,713
27-Mar-18	Vanguard Investments Australia Ltd	BUY	17.49	Ordinary	14,551	14,551
27-Mar-18	Vanguard Investments Australia Ltd	BUY	17.49	Ordinary	1,556	1,556
27-Mar-18	Vanguard Investments Australia Ltd	BUY	17.49	Ordinary	5,682	5,682
27-Mar-18	Vanguard Investments Australia Ltd	BUY	17.50	Ordinary	5,984	5,984
29-Mar-18	Vanguard Investments Australia Ltd	BUY	17.31	Ordinary	21,509	21,509
3-Apr-18	Vanguard Investments Australia Ltd	BUY	17.23	Ordinary	8,376	8,376
5-Apr-18	Vanguard Investments Australia Ltd	BUY	17.41	Ordinary	7,267	7,267
5-Apr-18	Vanguard Investments Australia Ltd	BUY	17.41	Ordinary	6,624	6,624
6-Apr-18	Vanguard Investments Australia Ltd	BUY	17.15	Ordinary	6,766	6,766
10-Apr-18	Vanguard Investments Australia Ltd	BUY	17.60	Ordinary	7,318	7,318
12-Apr-18	Vanguard Investments Australia Ltd	BUY	17.67	Ordinary	2,877	2,877

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
12-Apr-18	Vanguard Investments Australia Ltd	BUY	17.67	Ordinary	7,253	7,253
12-Apr-18	Vanguard Investments Australia Ltd	BUY	17.67	Ordinary	7,571	7,571
12-Apr-18	Vanguard Investments Australia Ltd	BUY	17.67	Ordinary	7,359	7,359
13-Apr-18	Vanguard Investments Australia Ltd	BUY	17.65	Ordinary	12,708	12,708
19-Apr-18	Vanguard Investments Australia Ltd	BUY	17.97	Ordinary	6,624	6,624
27-Apr-18	Vanguard Investments Australia Ltd	BUY	17.56	Ordinary	8,230	8,230
4-May-18	Vanguard Investments Australia Ltd	SELL	18.19	Ordinary	(5,378)	(5,378)
4-May-18	Vanguard Investments Australia Ltd	BUY	18.19	Ordinary	3,312	3,312
8-May-18	Vanguard Investments Australia Ltd	BUY	18.15	Ordinary	6,684	6,684
11-May-18	Vanguard Investments Australia Ltd	BUY	18.14	Ordinary	199,731	199,731
11-May-18	Vanguard Investments Australia Ltd	SELL	18.14	Ordinary	(199,731)	(199,731)
17-May-18	Vanguard Investments Australia Ltd	BUY	18.39	Ordinary	7,182	7,182
18-May-18	Vanguard Investments Australia Ltd	BUY	18.32	Ordinary	3,864	3,864
22-May-18	Vanguard Investments Australia Ltd	BUY	18.25	Ordinary	4,416	4,416
23-May-18	Vanguard Investments Australia Ltd	SELL	18.48	Ordinary	(5,330)	(5,330)
29-May-18	Vanguard Investments Australia Ltd	SELL	18.82	Ordinary	(3,233)	(3,233)
29-May-18	Vanguard Investments Australia Ltd	SELL	18.82	Ordinary	(6,558)	(6,558)
29-May-18	Vanguard Investments Australia Ltd	BUY	18.82	Ordinary	8,136	8,136
31-May-18	Vanguard Investments Australia Ltd	BUY	18.79	Ordinary	6,985	6,985
31-May-18	Vanguard Investments Australia Ltd	BUY	18.78	Ordinary	3,864	3,864
1-Jun-18	Vanguard Investments Australia Ltd	BUY	18.89	Ordinary	13,588	13,588
1-Jun-18	Vanguard Investments Australia Ltd	BUY	18.89	Ordinary	10,470	10,470
8-Jun-18	Vanguard Investments Australia Ltd	BUY	19.09	Ordinary	3,864	3,864
14-Jun-18	Vanguard Investments Australia Ltd	BUY	18.90	Ordinary	5,520	5,520
15-Jun-18	Vanguard Investments Australia Ltd	BUY	19.28	Ordinary	27,516	27,516
15-Jun-18	Vanguard Investments Australia Ltd	BUY	19.28	Ordinary	15,153	15,153
20-Jun-18	Vanguard Investments Australia Ltd	SELL	19.70	Ordinary	(2,907)	(2,907)
21-Jun-18	Vanguard Investments Australia Ltd	BUY	19.74	Ordinary	14,894	14,894
29-Jun-18	Vanguard Investments Australia Ltd	SELL	19.81	Ordinary	(32,901)	(32,901)
3-Jul-18	Vanguard Investments Australia Ltd	BUY	19.93	Ordinary	19,361	19,361
6-Jul-18	Vanguard Investments Australia Ltd	BUY	20.31	Ordinary	18,004	18,004
6-Jul-18	Vanguard Investments Australia Ltd	BUY	20.31	Ordinary	10,672	10,672
6-Jul-18	Vanguard Investments Australia Ltd	BUY	20.31	Ordinary	8,914	8,914
6-Jul-18	Vanguard Investments Australia Ltd	BUY	20.37	Ordinary	4,878	4,878
9-Jul-18	Vanguard Investments Australia Ltd	SELL	20.24	Ordinary	(3,583)	(3,583)
16-Jul-18	Vanguard Investments Australia Ltd	BUY	19.85	Ordinary	3,252	3,252
16-Jul-18	Vanguard Investments Australia Ltd	BUY	19.85	Ordinary	8,224	8,224
17-Jul-18	Vanguard Investments Australia Ltd	BUY	19.79	Ordinary	7,548	7,548
18-Jul-18	Vanguard Investments Australia Ltd	SELL	20.02	Ordinary	(5,375)	(5,375)
19-Jul-18	Vanguard Investments Australia Ltd	BUY	19.97	Ordinary	7,293	7,293
20-Jul-18	Vanguard Investments Australia Ltd	BUY	20.08	Ordinary	5,962	5,962
27-Jul-18	Vanguard Investments Australia Ltd	BUY	19.78	Ordinary	11,702	11,702
2-Aug-18	Vanguard Investments Australia Ltd	BUY	20.67	Ordinary	4,878	4,878
3-Aug-18	Vanguard Investments Australia Ltd	BUY	21.00	Ordinary	6,425	6,425
7-Aug-18	Vanguard Investments Australia Ltd	BUY	21.20	Ordinary	9,341	9,341
15-Aug-18	Vanguard Investments Australia Ltd	BUY	20.80	Ordinary	3,378	3,378
15-Aug-18	Vanguard Investments Australia Ltd	BUY	20.80	Ordinary	10,363	10,363
21-Aug-18	Vanguard Investments Australia Ltd	BUY	20.63	Ordinary	5,630	5,630
27-Aug-18	Vanguard Investments Australia Ltd	BUY	20.41	Ordinary	12,465	12,465
4-Sep-18	Vanguard Investments Australia Ltd	BUY	19.81	Ordinary	6,193	6,193
4-Sep-18	Vanguard Investments Australia Ltd	BUY	19.81	Ordinary	12,583	12,583
6-Sep-18	Vanguard Investments Australia Ltd	BUY	19.50	Ordinary	8,060	8,060
7-Sep-18	Vanguard Investments Australia Ltd	BUY	19.32	Ordinary	19,321	19,321
10-Sep-18	Vanguard Investments Australia Ltd	SELL	19.11	Ordinary	(1,407)	(1,407)
10-Sep-18	Vanguard Investments Australia Ltd	SELL	19.11	Ordinary	(7,199)	(7,199)
10-Sep-18	Vanguard Investments Australia Ltd	BUY	19.11	Ordinary	5,600	5,600
11-Sep-18	Vanguard Investments Australia Ltd	SELL	19.17	Ordinary	(6,135)	(6,135)
17-Sep-18	Vanguard Investments Australia Ltd	BUY	19.58	Ordinary	6,160	6,160
21-Sep-18	Vanguard Investments Australia Ltd	BUY	19.32	Ordinary	8,479	8,479
21-Sep-18	Vanguard Investments Australia Ltd	BUY	19.32	Ordinary	10,795	10,795
21-Sep-18	Vanguard Investments Australia Ltd	BUY	19.32	Ordinary	9,861	9,861
26-Sep-18	Vanguard Investments Australia Ltd	BUY	19.48	Ordinary	3,318	3,318
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	1,953	1,953
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	9,639	9,639
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	4,889	4,889
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	5,437	5,437
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	10,076	10,076
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	1,789	1,789
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.75	Ordinary	9,923	9,923

## Annexure A

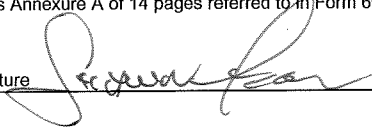
Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
27-Sep-18	Vanguard Investments Australia Ltd	BUY	19.72	Ordinary	42,581	42,581
1-Oct-18	Vanguard Investments Australia Ltd	BUY	19.50	Ordinary	4,905	4,905
8-Oct-18	Vanguard Investments Australia Ltd	BUY	18.41	Ordinary	4,905	4,905
10-Oct-18	Vanguard Investments Australia Ltd	SELL	18.03	Ordinary	(4,850)	(4,850)
11-Oct-18	Vanguard Investments Australia Ltd	BUY	18.02	Ordinary	6,444	6,444
16-Oct-18	Vanguard Investments Australia Ltd	SELL	17.56	Ordinary	(5,052)	(5,052)
17-Oct-18	Vanguard Investments Australia Ltd	BUY	17.68	Ordinary	9,350	9,350
17-Oct-18	Vanguard Investments Australia Ltd	BUY	17.68	Ordinary	20,348	20,348
24-Oct-18	Vanguard Investments Australia Ltd	BUY	17.70	Ordinary	6,504	6,504
25-Oct-18	Vanguard Investments Australia Ltd	BUY	17.21	Ordinary	12,428	12,428
25-Oct-18	Vanguard Investments Australia Ltd	SELL	17.21	Ordinary	(3,635)	(3,635)
25-Oct-18	Vanguard Investments Australia Ltd	BUY	17.21	Ordinary	7,700	7,700
26-Oct-18	Vanguard Investments Australia Ltd	BUY	17.05	Ordinary	27,944	27,944
31-Oct-18	Vanguard Investments Australia Ltd	BUY	17.60	Ordinary	8,656	8,656
31-Oct-18	Vanguard Investments Australia Ltd	BUY	17.60	Ordinary	1,623	1,623
1-Nov-18	Vanguard Investments Australia Ltd	BUY	17.79	Ordinary	1,066	1,066
2-Nov-18	Vanguard Investments Australia Ltd	BUY	17.23	Ordinary	7,033	7,033
5-Nov-18	Vanguard Investments Australia Ltd	BUY	17.18	Ordinary	14,023	14,023
12-Nov-18	Vanguard Investments Australia Ltd	BUY	13.35	Ordinary	7,046	7,046
15-Nov-18	Vanguard Investments Australia Ltd	SELL	13.27	Ordinary	(4,215)	(4,215)
15-Nov-18	Vanguard Investments Australia Ltd	BUY	13.34	Ordinary	886	886
16-Nov-18	Vanguard Investments Australia Ltd	BUY	13.61	Ordinary	22,291	22,291
19-Nov-18	Vanguard Investments Australia Ltd	BUY	13.35	Ordinary	9,409	9,409
19-Nov-18	Vanguard Investments Australia Ltd	SELL	13.28	Ordinary	(22,244)	(22,244)
21-Nov-18	Vanguard Investments Australia Ltd	BUY	12.75	Ordinary	9,430	9,430
22-Nov-18	Vanguard Investments Australia Ltd	BUY	12.89	Ordinary	7,588	7,588
23-Nov-18	Vanguard Investments Australia Ltd	BUY	13.09	Ordinary	9,542	9,542
29-Nov-18	Vanguard Investments Australia Ltd	BUY	13.14	Ordinary	5,962	5,962
3-Dec-18	Vanguard Investments Australia Ltd	BUY	13.14	Ordinary	7,046	7,046
4-Dec-18	Vanguard Investments Australia Ltd	BUY	12.88	Ordinary	91,203	91,203
7-Dec-18	Vanguard Investments Australia Ltd	BUY	12.30	Ordinary	21,533	21,533
11-Dec-18	Vanguard Investments Australia Ltd	BUY	11.43	Ordinary	6,372	6,372
11-Dec-18	Vanguard Investments Australia Ltd	BUY	11.43	Ordinary	10,620	10,620
12-Dec-18	Vanguard Investments Australia Ltd	BUY	11.59	Ordinary	415,793	415,793
14-Dec-18	Vanguard Investments Australia Ltd	SELL	11.58	Ordinary	(3,186)	(3,186)
20-Dec-18	Vanguard Investments Australia Ltd	SELL	11.78	Ordinary	(4,770)	(4,770)
21-Dec-18	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	26,051	26,051
21-Dec-18	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	9,546	9,546
21-Dec-18	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	15,754	15,754
21-Dec-18	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	16,099	16,099
21-Dec-18	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	29,437	29,437
21-Dec-18	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	54,670	54,670
27-Dec-18	Vanguard Investments Australia Ltd	BUY	11.83	Ordinary	3,150	3,150
3-Jan-19	Vanguard Investments Australia Ltd	BUY	11.61	Ordinary	8,523	8,523
4-Jan-19	Vanguard Investments Australia Ltd	BUY	11.28	Ordinary	2,502	2,502
8-Jan-19	Vanguard Investments Australia Ltd	BUY	11.83	Ordinary	5,120	5,120
11-Jan-19	Vanguard Investments Australia Ltd	BUY	11.77	Ordinary	6,156	6,156
11-Jan-19	Vanguard Investments Australia Ltd	BUY	11.81	Ordinary	11,117	11,117
18-Jan-19	Vanguard Investments Australia Ltd	BUY	12.32	Ordinary	2,979	2,979
18-Jan-19	Vanguard Investments Australia Ltd	BUY	12.32	Ordinary	11,017	11,017
21-Jan-19	Vanguard Investments Australia Ltd	SELL	12.24	Ordinary	(6,694)	(6,694)
22-Jan-19	Vanguard Investments Australia Ltd	SELL	12.09	Ordinary	(9,625)	(9,625)
29-Jan-19	Vanguard Investments Australia Ltd	BUY	12.12	Ordinary	11,053	11,053
30-Jan-19	Vanguard Investments Australia Ltd	BUY	12.31	Ordinary	2,068	2,068
30-Jan-19	Vanguard Investments Australia Ltd	BUY	12.31	Ordinary	10,919	10,919
1-Feb-19	Vanguard Investments Australia Ltd	BUY	12.14	Ordinary	15,550	15,550
4-Feb-19	Vanguard Investments Australia Ltd	BUY	12.12	Ordinary	9,450	9,450
5-Feb-19	Vanguard Investments Australia Ltd	SELL	12.29	Ordinary	(36,190)	(36,190)
13-Feb-19	Vanguard Investments Australia Ltd	BUY	13.39	Ordinary	18,485	18,485
19-Feb-19	Vanguard Investments Australia Ltd	BUY	13.87	Ordinary	5,687	5,687
25-Feb-19	Vanguard Investments Australia Ltd	BUY	13.28	Ordinary	15,136	15,136
26-Feb-19	Vanguard Investments Australia Ltd	SELL	12.88	Ordinary	(22,507)	(22,507)
26-Feb-19	Vanguard Investments Australia Ltd	BUY	12.85	Ordinary	5,170	5,170
5-Mar-19	Vanguard Investments Australia Ltd	BUY	13.39	Ordinary	33,088	33,088
7-Mar-19	Vanguard Investments Australia Ltd	SELL	13.11	Ordinary	(10,320)	(10,320)
12-Mar-19	Vanguard Investments Australia Ltd	SELL	12.42	Ordinary	(10,817)	(10,817)
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.56	Ordinary	470	470
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.58	Ordinary	15,883	15,883
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.56	Ordinary	126	126

## 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
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.58	Ordinary	4,265	4,265
15-Mar-19	Vanguard Investments Australia Ltd	SELL	12.56	Ordinary	(4,175)	(4,175)
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.56	Ordinary	266	266
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.58	Ordinary	9,003	9,003
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.56	Ordinary	358	358
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.58	Ordinary	12,112	12,112
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.56	Ordinary	345	345
15-Mar-19	Vanguard Investments Australia Ltd	BUY	12.58	Ordinary	11,688	11,688
22-Mar-19	Vanguard Investments Australia Ltd	BUY	12.15	Ordinary	11,958	11,958
1-Apr-19	Vanguard Investments Australia Ltd	BUY	12.26	Ordinary	1,288	1,288
1-Apr-19	Vanguard Investments Australia Ltd	BUY	12.26	Ordinary	33,845	33,845
1-Apr-19	Vanguard Investments Australia Ltd	SELL	12.26	Ordinary	(29,582)	(29,582)
1-Apr-19	Vanguard Investments Australia Ltd	BUY	12.26	Ordinary	18,658	18,658
2-Apr-19	Vanguard Investments Australia Ltd	BUY	12.48	Ordinary	15,615	15,615
2-Apr-19	Vanguard Investments Australia Ltd	BUY	12.34	Ordinary	3,619	3,619
5-Apr-19	Vanguard Investments Australia Ltd	BUY	12.20	Ordinary	11,539	11,539
8-Apr-19	Vanguard Investments Australia Ltd	BUY	12.32	Ordinary	4,136	4,136
9-Apr-19	Vanguard Investments Australia Ltd	SELL	12.45	Ordinary	(1,780)	(1,780)
9-Apr-19	Vanguard Investments Australia Ltd	BUY	12.45	Ordinary	173,155	173,155
11-Apr-19	Vanguard Investments Australia Ltd	BUY	12.43	Ordinary	11,427	11,427
12-Apr-19	Vanguard Investments Australia Ltd	SELL	12.74	Ordinary	(1,630)	(1,630)
16-Apr-19	Vanguard Investments Australia Ltd	BUY	12.67	Ordinary	33,148	33,148
26-Apr-19	Vanguard Investments Australia Ltd	SELL	13.24	Ordinary	(523)	(523)

This is Annexure A of 14 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature



Date

2-May-19