

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

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

To Company Name/Scheme Mirvac Group  
ACN/ARSN 003 280 699

**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 01 June 2018

The previous notice was given to the company on 10 March 2016

The previous notice was dated 10 March 2016

**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)	229,067,343	6.189%	232,840,948	6.275%
Ordinary (The Vanguard Group Inc.)	84,741,667	2.290%	119,075,092	3.209%
<b>Total</b>	<b>313,809,010</b>	<b>8.479%</b>	<b>351,916,040</b>	<b>9.483%</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
See Annexure A					

**4. Present relevant interests**

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Investments Australia Ltd	JP Morgan Chase Bank, N.A. and various other custodians	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	Ordinary – 232,840,948	232,840,948
The Vanguard Group, Inc.	JP Morgan Chase Bank, N.A.	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	Ordinary – 51,687,861	51,687,861
The Vanguard Group, Inc.	Brown Brothers Harriman	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	Ordinary – 64,272,361	64,272,361
The Vanguard Group, Inc.	State Street Bank and Trust Company	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	Ordinary – 3,114,870	3,114,870

**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:

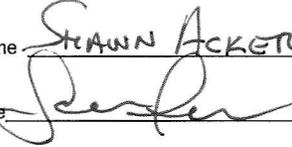
Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A

**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 Vanguard_Fund_Compliance@Vanguard.com

**Signature**

print name STAWN ACKER capacity MANAGER  
 sign here  date 05 June 2018

## Annexure A

To Company Mirvac Group  
ACN/ARSN 003 280 699

Substantial Holder Name The Vanguard Group, Inc.  
ACN/ARSN 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
9-Mar-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	81,198	81,198
10-Mar-2016	The Vanguard Group, Inc.	SELL	1.86	Ordinary	(166,698)	(166,698)
10-Mar-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	171,418	171,418
11-Mar-2016	The Vanguard Group, Inc.	BUY	1.87	Ordinary	7,147	7,147
11-Mar-2016	The Vanguard Group, Inc.	SELL	1.87	Ordinary	(155,612)	(155,612)
16-Mar-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	14,000	14,000
16-Mar-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	859	859
17-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	13,533	13,533
17-Mar-2016	The Vanguard Group, Inc.	SELL	1.88	Ordinary	(275,276)	(275,276)
18-Mar-2016	The Vanguard Group, Inc.	SELL	1.89	Ordinary	(277,914)	(277,914)
18-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	17,931	17,931
21-Mar-2016	The Vanguard Group, Inc.	BUY	1.90	Ordinary	18,756	18,756
23-Mar-2016	The Vanguard Group, Inc.	BUY	1.90	Ordinary	17,370	17,370
24-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	15,000	15,000
24-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	75,151	75,151
24-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	17,533	17,533
29-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	211,034	211,034
29-Mar-2016	The Vanguard Group, Inc.	BUY	1.90	Ordinary	22,555	22,555
30-Mar-2016	The Vanguard Group, Inc.	BUY	1.89	Ordinary	141,906	141,906
31-Mar-2016	The Vanguard Group, Inc.	BUY	1.94	Ordinary	6,134	6,134
1-Apr-2016	The Vanguard Group, Inc.	BUY	1.87	Ordinary	17,143	17,143
1-Apr-2016	The Vanguard Group, Inc.	BUY	1.91	Ordinary	16,325	16,325
4-Apr-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	806	806
5-Apr-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	8,000	8,000
5-Apr-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	222,470	222,470
5-Apr-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	70,697	70,697
7-Apr-2016	The Vanguard Group, Inc.	BUY	1.92	Ordinary	18,561	18,561
8-Apr-2016	The Vanguard Group, Inc.	BUY	1.90	Ordinary	351,702	351,702
8-Apr-2016	The Vanguard Group, Inc.	BUY	1.92	Ordinary	333,705	333,705
11-Apr-2016	The Vanguard Group, Inc.	BUY	1.90	Ordinary	954	954
12-Apr-2016	The Vanguard Group, Inc.	SELL	1.90	Ordinary	(6,878)	(6,878)
12-Apr-2016	The Vanguard Group, Inc.	BUY	1.92	Ordinary	1,376	1,376
13-Apr-2016	The Vanguard Group, Inc.	BUY	1.92	Ordinary	27,066	27,066
19-Apr-2016	The Vanguard Group, Inc.	BUY	1.96	Ordinary	54,132	54,132
19-Apr-2016	The Vanguard Group, Inc.	BUY	1.96	Ordinary	9,000	9,000
22-Apr-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	5,000	5,000
26-Apr-2016	The Vanguard Group, Inc.	BUY	1.90	Ordinary	5,131	5,131
27-Apr-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	17,010	17,010
27-Apr-2016	The Vanguard Group, Inc.	BUY	1.88	Ordinary	47,555	47,555
28-Apr-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	6,000	6,000
28-Apr-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	12,000	12,000
28-Apr-2016	The Vanguard Group, Inc.	BUY	1.86	Ordinary	7,147	7,147
2-May-2016	The Vanguard Group, Inc.	BUY	1.87	Ordinary	8,000	8,000
2-May-2016	The Vanguard Group, Inc.	BUY	1.87	Ordinary	133,482	133,482
4-May-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	2,715	2,715
5-May-2016	The Vanguard Group, Inc.	SELL	1.97	Ordinary	(6,804)	(6,804)
6-May-2016	The Vanguard Group, Inc.	SELL	1.95	Ordinary	(20,412)	(20,412)
6-May-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	2,072	2,072
9-May-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	44,494	44,494
9-May-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	30,698	30,698
10-May-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	349,635	349,635
10-May-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	18,326	18,326
13-May-2016	The Vanguard Group, Inc.	BUY	1.94	Ordinary	24,660	24,660
16-May-2016	The Vanguard Group, Inc.	BUY	1.93	Ordinary	6,000	6,000
19-May-2016	The Vanguard Group, Inc.	BUY	1.94	Ordinary	128,622	128,622
23-May-2016	The Vanguard Group, Inc.	BUY	1.91	Ordinary	44,494	44,494
24-May-2016	The Vanguard Group, Inc.	BUY	1.91	Ordinary	359,726	359,726
24-May-2016	The Vanguard Group, Inc.	BUY	1.93	Ordinary	31,577	31,577
24-May-2016	The Vanguard Group, Inc.	BUY	1.93	Ordinary	18,044	18,044
25-May-2016	The Vanguard Group, Inc.	SELL	1.92	Ordinary	(354,879)	(354,879)

## 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-May-2016	The Vanguard Group, Inc.	BUY	1.94	Ordinary	18,703	18,703
31-May-2016	The Vanguard Group, Inc.	SELL	1.94	Ordinary	(4,329)	(4,329)
1-Jun-2016	The Vanguard Group, Inc.	BUY	1.93	Ordinary	44,494	44,494
1-Jun-2016	The Vanguard Group, Inc.	BUY	1.93	Ordinary	21,619	21,619
2-Jun-2016	The Vanguard Group, Inc.	BUY	1.94	Ordinary	111,235	111,235
6-Jun-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	8,000	8,000
6-Jun-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	126,308	126,308
6-Jun-2016	The Vanguard Group, Inc.	BUY	2.02	Ordinary	25,047	25,047
8-Jun-2016	The Vanguard Group, Inc.	BUY	2.00	Ordinary	63,154	63,154
10-Jun-2016	The Vanguard Group, Inc.	SELL	2.00	Ordinary	(66,950)	(66,950)
10-Jun-2016	The Vanguard Group, Inc.	SELL	1.98	Ordinary	(30,618)	(30,618)
14-Jun-2016	The Vanguard Group, Inc.	BUY	2.00	Ordinary	872	872
15-Jun-2016	The Vanguard Group, Inc.	BUY	2.02	Ordinary	338,525	338,525
15-Jun-2016	The Vanguard Group, Inc.	BUY	2.02	Ordinary	11,760	11,760
16-Jun-2016	The Vanguard Group, Inc.	BUY	2.00	Ordinary	40,599	40,599
17-Jun-2016	The Vanguard Group, Inc.	SELL	1.99	Ordinary	(199,023)	(199,023)
17-Jun-2016	The Vanguard Group, Inc.	BUY	1.99	Ordinary	109,397	109,397
17-Jun-2016	The Vanguard Group, Inc.	BUY	1.99	Ordinary	620	620
22-Jun-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	22,555	22,555
22-Jun-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	16,578	16,578
23-Jun-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	48,912	48,912
27-Jun-2016	The Vanguard Group, Inc.	SELL	2.05	Ordinary	(13,743)	(13,743)
28-Jun-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	88,988	88,988
28-Jun-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	88,250	88,250
28-Jun-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	1,520	1,520
29-Jun-2016	The Vanguard Group, Inc.	BUY	1.98	Ordinary	331,976	331,976
29-Jun-2016	The Vanguard Group, Inc.	BUY	2.04	Ordinary	45,110	45,110
30-Jun-2016	The Vanguard Group, Inc.	BUY	2.02	Ordinary	16,736	16,736
1-Jul-2016	The Vanguard Group, Inc.	SELL	2.04	Ordinary	(3,804)	(3,804)
4-Jul-2016	The Vanguard Group, Inc.	SELL	2.06	Ordinary	(16,619)	(16,619)
5-Jul-2016	The Vanguard Group, Inc.	BUY	2.02	Ordinary	36,088	36,088
6-Jul-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	321,801	321,801
11-Jul-2016	The Vanguard Group, Inc.	BUY	2.10	Ordinary	198,641	198,641
12-Jul-2016	The Vanguard Group, Inc.	BUY	2.11	Ordinary	17,010	17,010
12-Jul-2016	The Vanguard Group, Inc.	BUY	2.10	Ordinary	194,356	194,356
15-Jul-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	27,066	27,066
15-Jul-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	6,000	6,000
15-Jul-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	1,752	1,752
18-Jul-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	13,608	13,608
18-Jul-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	72,433	72,433
19-Jul-2016	The Vanguard Group, Inc.	BUY	2.17	Ordinary	39,000	39,000
19-Jul-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	7,147	7,147
20-Jul-2016	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(6,131)	(6,131)
22-Jul-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	6,804	6,804
22-Jul-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	8,000	8,000
22-Jul-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	54,132	54,132
26-Jul-2016	The Vanguard Group, Inc.	BUY	2.17	Ordinary	308,008	308,008
27-Jul-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	63,154	63,154
29-Jul-2016	The Vanguard Group, Inc.	BUY	2.20	Ordinary	12,000	12,000
29-Jul-2016	The Vanguard Group, Inc.	BUY	2.21	Ordinary	72,352	72,352
3-Aug-2016	The Vanguard Group, Inc.	SELL	2.13	Ordinary	(24,424)	(24,424)
4-Aug-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	36,088	36,088
4-Aug-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	36,088	36,088
4-Aug-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	2,620	2,620
9-Aug-2016	The Vanguard Group, Inc.	BUY	2.10	Ordinary	7,000	7,000
11-Aug-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	7,147	7,147
12-Aug-2016	The Vanguard Group, Inc.	BUY	2.12	Ordinary	6,000	6,000
12-Aug-2016	The Vanguard Group, Inc.	BUY	2.12	Ordinary	15,346	15,346
15-Aug-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	31,577	31,577
16-Aug-2016	The Vanguard Group, Inc.	BUY	2.22	Ordinary	72,176	72,176
19-Aug-2016	The Vanguard Group, Inc.	BUY	2.25	Ordinary	6,804	6,804
19-Aug-2016	The Vanguard Group, Inc.	BUY	2.25	Ordinary	6,804	6,804
19-Aug-2016	The Vanguard Group, Inc.	BUY	2.25	Ordinary	244,717	244,717
23-Aug-2016	The Vanguard Group, Inc.	BUY	2.28	Ordinary	3,402	3,402
24-Aug-2016	The Vanguard Group, Inc.	BUY	2.32	Ordinary	4,118	4,118
25-Aug-2016	The Vanguard Group, Inc.	BUY	2.32	Ordinary	44,494	44,494
26-Aug-2016	The Vanguard Group, Inc.	BUY	2.31	Ordinary	14,158	14,158

## 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-Aug-2016	The Vanguard Group, Inc.	SELL	2.31	Ordinary	(5,677)	(5,677)
1-Sep-2016	The Vanguard Group, Inc.	BUY	2.30	Ordinary	7,147	7,147
1-Sep-2016	The Vanguard Group, Inc.	BUY	2.29	Ordinary	3,707	3,707
2-Sep-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	27,066	27,066
5-Sep-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	289,308	289,308
6-Sep-2016	The Vanguard Group, Inc.	BUY	2.22	Ordinary	27,636	27,636
8-Sep-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	6,804	6,804
8-Sep-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	3,671	3,671
8-Sep-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	4,491	4,491
9-Sep-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	32,208	32,208
9-Sep-2016	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(32,208)	(32,208)
9-Sep-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	7,147	7,147
9-Sep-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	14,940	14,940
16-Sep-2016	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(341,778)	(341,778)
16-Sep-2016	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(199,105)	(199,105)
20-Sep-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	27,066	27,066
20-Sep-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	7,147	7,147
20-Sep-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	19,368	19,368
20-Sep-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	5,217	5,217
21-Sep-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	305,506	305,506
21-Sep-2016	The Vanguard Group, Inc.	BUY	2.20	Ordinary	45,110	45,110
21-Sep-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	15,275	15,275
23-Sep-2016	The Vanguard Group, Inc.	BUY	2.20	Ordinary	44,691	44,691
23-Sep-2016	The Vanguard Group, Inc.	BUY	2.19	Ordinary	66,741	66,741
23-Sep-2016	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(44,691)	(44,691)
23-Sep-2016	The Vanguard Group, Inc.	BUY	2.20	Ordinary	3,982	3,982
27-Sep-2016	The Vanguard Group, Inc.	BUY	2.23	Ordinary	31,577	31,577
27-Sep-2016	The Vanguard Group, Inc.	BUY	2.23	Ordinary	111,235	111,235
27-Sep-2016	The Vanguard Group, Inc.	BUY	2.23	Ordinary	5,599	5,599
3-Oct-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	45,110	45,110
3-Oct-2016	The Vanguard Group, Inc.	BUY	2.24	Ordinary	2,857	2,857
3-Oct-2016	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(5,270)	(5,270)
4-Oct-2016	The Vanguard Group, Inc.	BUY	2.21	Ordinary	58,338	58,338
11-Oct-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	311,003	311,003
12-Oct-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	143,456	143,456
13-Oct-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	23,814	23,814
13-Oct-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	13,608	13,608
14-Oct-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	90,781	90,781
18-Oct-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	34,020	34,020
18-Oct-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	31,577	31,577
19-Oct-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	10,206	10,206
19-Oct-2016	The Vanguard Group, Inc.	BUY	2.15	Ordinary	28,208	28,208
20-Oct-2016	The Vanguard Group, Inc.	SELL	2.15	Ordinary	(33,296)	(33,296)
21-Oct-2016	The Vanguard Group, Inc.	BUY	2.11	Ordinary	45,110	45,110
24-Oct-2016	The Vanguard Group, Inc.	SELL	2.07	Ordinary	(95,282)	(95,282)
25-Oct-2016	The Vanguard Group, Inc.	BUY	2.08	Ordinary	76,687	76,687
26-Oct-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	1,190	1,190
26-Oct-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	91,822	91,822
27-Oct-2016	The Vanguard Group, Inc.	BUY	2.04	Ordinary	45,110	45,110
27-Oct-2016	The Vanguard Group, Inc.	BUY	2.04	Ordinary	72,342	72,342
28-Oct-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	57,308	57,308
31-Oct-2016	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(103,753)	(103,753)
31-Oct-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	16,132	16,132
1-Nov-2016	The Vanguard Group, Inc.	BUY	2.07	Ordinary	16,086	16,086
3-Nov-2016	The Vanguard Group, Inc.	BUY	2.04	Ordinary	236,747	236,747
3-Nov-2016	The Vanguard Group, Inc.	BUY	2.04	Ordinary	111,235	111,235
4-Nov-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	78,608	78,608
4-Nov-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	36,088	36,088
4-Nov-2016	The Vanguard Group, Inc.	SELL	2.03	Ordinary	(6,360)	(6,360)
4-Nov-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	66,741	66,741
7-Nov-2016	The Vanguard Group, Inc.	BUY	2.08	Ordinary	72,000	72,000
7-Nov-2016	The Vanguard Group, Inc.	SELL	2.07	Ordinary	(177,468)	(177,468)
8-Nov-2016	The Vanguard Group, Inc.	BUY	2.06	Ordinary	2,853	2,853
8-Nov-2016	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(5,065)	(5,065)
10-Nov-2016	The Vanguard Group, Inc.	BUY	2.02	Ordinary	111,235	111,235
11-Nov-2016	The Vanguard Group, Inc.	BUY	1.99	Ordinary	83,070	83,070
14-Nov-2016	The Vanguard Group, Inc.	BUY	1.98	Ordinary	20,403	20,403

## 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-Nov-2016	The Vanguard Group, Inc.	BUY	1.96	Ordinary	335,426	335,426
16-Nov-2016	The Vanguard Group, Inc.	SELL	1.95	Ordinary	(845,386)	(845,386)
16-Nov-2016	The Vanguard Group, Inc.	SELL	1.96	Ordinary	(91,223)	(91,223)
17-Nov-2016	The Vanguard Group, Inc.	SELL	1.97	Ordinary	(66,741)	(66,741)
17-Nov-2016	The Vanguard Group, Inc.	BUY	1.97	Ordinary	35,844	35,844
18-Nov-2016	The Vanguard Group, Inc.	BUY	1.98	Ordinary	2,562	2,562
21-Nov-2016	The Vanguard Group, Inc.	BUY	1.96	Ordinary	36,088	36,088
21-Nov-2016	The Vanguard Group, Inc.	BUY	1.96	Ordinary	54,132	54,132
21-Nov-2016	The Vanguard Group, Inc.	SELL	1.96	Ordinary	(133,482)	(133,482)
21-Nov-2016	The Vanguard Group, Inc.	BUY	1.95	Ordinary	7,147	7,147
21-Nov-2016	The Vanguard Group, Inc.	SELL	1.95	Ordinary	(29,551)	(29,551)
22-Nov-2016	The Vanguard Group, Inc.	BUY	1.96	Ordinary	343,782	343,782
23-Nov-2016	The Vanguard Group, Inc.	BUY	2.03	Ordinary	45,110	45,110
28-Nov-2016	The Vanguard Group, Inc.	BUY	2.01	Ordinary	2,601	2,601
29-Nov-2016	The Vanguard Group, Inc.	BUY	2.04	Ordinary	5,000	5,000
30-Nov-2016	The Vanguard Group, Inc.	SELL	2.05	Ordinary	(66,741)	(66,741)
30-Nov-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	7,147	7,147
2-Dec-2016	The Vanguard Group, Inc.	BUY	2.00	Ordinary	330,111	330,111
2-Dec-2016	The Vanguard Group, Inc.	BUY	2.00	Ordinary	34,701	34,701
2-Dec-2016	The Vanguard Group, Inc.	SELL	2.00	Ordinary	(2,956)	(2,956)
6-Dec-2016	The Vanguard Group, Inc.	BUY	2.05	Ordinary	27,066	27,066
7-Dec-2016	The Vanguard Group, Inc.	BUY	2.10	Ordinary	6,000	6,000
8-Dec-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	45,110	45,110
8-Dec-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	45,110	45,110
13-Dec-2016	The Vanguard Group, Inc.	BUY	2.07	Ordinary	45,110	45,110
13-Dec-2016	The Vanguard Group, Inc.	BUY	2.07	Ordinary	36,000	36,000
14-Dec-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	36,088	36,088
14-Dec-2016	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(44,494)	(44,494)
15-Dec-2016	The Vanguard Group, Inc.	BUY	2.07	Ordinary	18,000	18,000
16-Dec-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	67,665	67,665
16-Dec-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	31,577	31,577
16-Dec-2016	The Vanguard Group, Inc.	BUY	2.09	Ordinary	2,690	2,690
19-Dec-2016	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(66,741)	(66,741)
20-Dec-2016	The Vanguard Group, Inc.	BUY	2.10	Ordinary	21,905	21,905
20-Dec-2016	The Vanguard Group, Inc.	BUY	2.10	Ordinary	47,936	47,936
21-Dec-2016	The Vanguard Group, Inc.	BUY	2.11	Ordinary	17,136	17,136
21-Dec-2016	The Vanguard Group, Inc.	BUY	2.11	Ordinary	52,572	52,572
21-Dec-2016	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(378,199)	(378,199)
21-Dec-2016	The Vanguard Group, Inc.	BUY	2.12	Ordinary	5,194	5,194
22-Dec-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	52,572	52,572
22-Dec-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	8,762	8,762
22-Dec-2016	The Vanguard Group, Inc.	SELL	2.14	Ordinary	(66,741)	(66,741)
22-Dec-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	52,794	52,794
22-Dec-2016	The Vanguard Group, Inc.	BUY	2.14	Ordinary	114,891	114,891
23-Dec-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	17,524	17,524
27-Dec-2016	The Vanguard Group, Inc.	BUY	2.18	Ordinary	43,810	43,810
28-Dec-2016	The Vanguard Group, Inc.	SELL	2.19	Ordinary	(3,195)	(3,195)
29-Dec-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	420,619	420,619
29-Dec-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	19,027	19,027
30-Dec-2016	The Vanguard Group, Inc.	BUY	2.13	Ordinary	17,524	17,524
3-Jan-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	30,667	30,667
3-Jan-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	4,890	4,890
4-Jan-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	43,810	43,810
5-Jan-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	26,286	26,286
5-Jan-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	200,223	200,223
5-Jan-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	18,855	18,855
5-Jan-2017	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(56,195)	(56,195)
6-Jan-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	225,729	225,729
6-Jan-2017	The Vanguard Group, Inc.	BUY	2.12	Ordinary	444,940	444,940
6-Jan-2017	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(85,842)	(85,842)
6-Jan-2017	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(2,662)	(2,662)
9-Jan-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	52,572	52,572
12-Jan-2017	The Vanguard Group, Inc.	SELL	2.06	Ordinary	(511,681)	(511,681)
12-Jan-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	7,147	7,147
13-Jan-2017	The Vanguard Group, Inc.	BUY	2.04	Ordinary	13,143	13,143
13-Jan-2017	The Vanguard Group, Inc.	SELL	2.04	Ordinary	(111,235)	(111,235)
13-Jan-2017	The Vanguard Group, Inc.	BUY	2.04	Ordinary	2,904	2,904

## 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-Jan-2017	The Vanguard Group, Inc.	BUY	2.02	Ordinary	22,848	22,848
17-Jan-2017	The Vanguard Group, Inc.	BUY	2.02	Ordinary	22,848	22,848
17-Jan-2017	The Vanguard Group, Inc.	BUY	2.02	Ordinary	30,667	30,667
17-Jan-2017	The Vanguard Group, Inc.	SELL	2.02	Ordinary	(133,482)	(133,482)
17-Jan-2017	The Vanguard Group, Inc.	BUY	2.02	Ordinary	56,565	56,565
19-Jan-2017	The Vanguard Group, Inc.	BUY	2.01	Ordinary	37,631	37,631
23-Jan-2017	The Vanguard Group, Inc.	BUY	2.00	Ordinary	183,006	183,006
24-Jan-2017	The Vanguard Group, Inc.	BUY	2.03	Ordinary	15,232	15,232
25-Jan-2017	The Vanguard Group, Inc.	BUY	2.01	Ordinary	1,565	1,565
31-Jan-2017	The Vanguard Group, Inc.	BUY	2.03	Ordinary	408,003	408,003
2-Feb-2017	The Vanguard Group, Inc.	BUY	2.02	Ordinary	106,748	106,748
2-Feb-2017	The Vanguard Group, Inc.	BUY	2.02	Ordinary	9,169	9,169
3-Feb-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	11,022	11,022
3-Feb-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	43,810	43,810
3-Feb-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	43,810	43,810
3-Feb-2017	The Vanguard Group, Inc.	BUY	2.06	Ordinary	73,201	73,201
6-Feb-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	111,235	111,235
7-Feb-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	88,988	88,988
8-Feb-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	11,424	11,424
8-Feb-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	43,810	43,810
8-Feb-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	30,667	30,667
8-Feb-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	15,084	15,084
9-Feb-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	29,392	29,392
9-Feb-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	4,314	4,314
10-Feb-2017	The Vanguard Group, Inc.	BUY	2.12	Ordinary	22,044	22,044
10-Feb-2017	The Vanguard Group, Inc.	BUY	2.12	Ordinary	52,572	52,572
13-Feb-2017	The Vanguard Group, Inc.	BUY	2.12	Ordinary	9,520	9,520
15-Feb-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	11,022	11,022
15-Feb-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	11,424	11,424
15-Feb-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	8,762	8,762
15-Feb-2017	The Vanguard Group, Inc.	SELL	2.15	Ordinary	(6,490)	(6,490)
16-Feb-2017	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(3,447)	(3,447)
16-Feb-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	222,470	222,470
17-Feb-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	26,656	26,656
17-Feb-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	133,482	133,482
21-Feb-2017	The Vanguard Group, Inc.	SELL	2.13	Ordinary	(12,701)	(12,701)
22-Feb-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	305,584	305,584
22-Feb-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	43,810	43,810
22-Feb-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	244,717	244,717
22-Feb-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	111,235	111,235
22-Feb-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	29,139	29,139
22-Feb-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	2,834	2,834
23-Feb-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	155,729	155,729
23-Feb-2017	The Vanguard Group, Inc.	SELL	2.15	Ordinary	(4,997)	(4,997)
24-Feb-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	26,286	26,286
24-Feb-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	88,988	88,988
28-Feb-2017	The Vanguard Group, Inc.	SELL	2.15	Ordinary	(30,926)	(30,926)
1-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	11,424	11,424
1-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	3,003	3,003
3-Mar-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	303,271	303,271
3-Mar-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	61,334	61,334
6-Mar-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	111,235	111,235
6-Mar-2017	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(29,598)	(29,598)
7-Mar-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	2,807	2,807
8-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	18,370	18,370
8-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	22,044	22,044
8-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	19,040	19,040
8-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	21,905	21,905
8-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	1,119	1,119
9-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	43,810	43,810
9-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	244,717	244,717
9-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	7,147	7,147
10-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	17,136	17,136
10-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	43,810	43,810
10-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	13,143	13,143
10-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	56,565	56,565
13-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	52,572	52,572

## 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-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	43,810	43,810
13-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	18,855	18,855
14-Mar-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	39,429	39,429
14-Mar-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	43,810	43,810
15-Mar-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	22,044	22,044
15-Mar-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	11,424	11,424
15-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	7,147	7,147
15-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	108,688	108,688
16-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	56,565	56,565
16-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	851,814	851,814
17-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	15,243	15,243
20-Mar-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	26,286	26,286
20-Mar-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	17,892	17,892
20-Mar-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	26,838	26,838
20-Mar-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	18,894	18,894
21-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	44,730	44,730
21-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	5,813	5,813
21-Mar-2017	The Vanguard Group, Inc.	BUY	2.13	Ordinary	15,052	15,052
22-Mar-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	17,888	17,888
27-Mar-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	3,110	3,110
28-Mar-2017	The Vanguard Group, Inc.	BUY	2.22	Ordinary	44,456	44,456
29-Mar-2017	The Vanguard Group, Inc.	BUY	2.22	Ordinary	7,147	7,147
30-Mar-2017	The Vanguard Group, Inc.	BUY	2.22	Ordinary	24,178	24,178
30-Mar-2017	The Vanguard Group, Inc.	BUY	2.24	Ordinary	47,249	47,249
31-Mar-2017	The Vanguard Group, Inc.	BUY	2.19	Ordinary	13,188	13,188
3-Apr-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	3,632	3,632
3-Apr-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	17,584	17,584
4-Apr-2017	The Vanguard Group, Inc.	BUY	2.23	Ordinary	26,838	26,838
4-Apr-2017	The Vanguard Group, Inc.	BUY	2.23	Ordinary	44,730	44,730
4-Apr-2017	The Vanguard Group, Inc.	BUY	2.23	Ordinary	223,971	223,971
4-Apr-2017	The Vanguard Group, Inc.	BUY	2.23	Ordinary	15,584	15,584
5-Apr-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	62,622	62,622
5-Apr-2017	The Vanguard Group, Inc.	BUY	2.24	Ordinary	3,183	3,183
6-Apr-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	10,896	10,896
6-Apr-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	24,178	24,178
6-Apr-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	150,155	150,155
6-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	5,867	5,867
7-Apr-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	4,101	4,101
7-Apr-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	54,043	54,043
11-Apr-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	692,809	692,809
11-Apr-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	24,178	24,178
11-Apr-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	2,715	2,715
12-Apr-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	10,896	10,896
12-Apr-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	22,365	22,365
12-Apr-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	17,892	17,892
12-Apr-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	165,157	165,157
19-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	89,460	89,460
19-Apr-2017	The Vanguard Group, Inc.	SELL	2.26	Ordinary	(2,245)	(2,245)
19-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	26,723	26,723
21-Apr-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	26,838	26,838
21-Apr-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	162,888	162,888
21-Apr-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	101,805	101,805
24-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	17,584	17,584
24-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	61,083	61,083
24-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	223,971	223,971
24-Apr-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	3,521	3,521
25-Apr-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	44,730	44,730
25-Apr-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	17,892	17,892
26-Apr-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	54,544	54,544
27-Apr-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	62,336	62,336
27-Apr-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	17,991	17,991
2-May-2017	The Vanguard Group, Inc.	BUY	2.35	Ordinary	89,460	89,460
2-May-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	53,333	53,333
3-May-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	24,178	24,178
4-May-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	35,168	35,168
4-May-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	40,142	40,142
5-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	21,980	21,980

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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
5-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	8,946	8,946
5-May-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	6,881	6,881
8-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	32,688	32,688
8-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	7,147	7,147
8-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	18,059	18,059
8-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	7,669	7,669
9-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	2,348	2,348
9-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	73,379	73,379
10-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	25,424	25,424
10-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	80,514	80,514
10-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	101,805	101,805
15-May-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	122,166	122,166
16-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	26,838	26,838
16-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	44,730	44,730
16-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	8,946	8,946
16-May-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	25,401	25,401
17-May-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	53,676	53,676
17-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	93,703	93,703
17-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	15,832	15,832
17-May-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	3,663	3,663
18-May-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	293,728	293,728
18-May-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	133,079	133,079
18-May-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	26,838	26,838
18-May-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	82,620	82,620
19-May-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	21,980	21,980
19-May-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	15,584	15,584
23-May-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	1,552	1,552
23-May-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	29,802	29,802
24-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	14,528	14,528
24-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	7,147	7,147
25-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	21,980	21,980
25-May-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	21,980	21,980
26-May-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	44,730	44,730
26-May-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	3,495	3,495
31-May-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	4,473	4,473
1-Jun-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	62,622	62,622
1-Jun-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	105,192	105,192
2-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	10,896	10,896
2-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	29,056	29,056
2-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	14,528	14,528
2-Jun-2017	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(299,733)	(299,733)
5-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	14,528	14,528
5-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	41,310	41,310
5-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	23,001	23,001
6-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	82,620	82,620
7-Jun-2017	The Vanguard Group, Inc.	BUY	2.23	Ordinary	32,970	32,970
7-Jun-2017	The Vanguard Group, Inc.	BUY	2.22	Ordinary	7,147	7,147
8-Jun-2017	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(14,909)	(14,909)
9-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	18,160	18,160
9-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	21,980	21,980
9-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	98,406	98,406
9-Jun-2017	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(20,705)	(20,705)
12-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	25,424	25,424
12-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	10,896	10,896
12-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	123,930	123,930
12-Jun-2017	The Vanguard Group, Inc.	BUY	2.21	Ordinary	23,376	23,376
13-Jun-2017	The Vanguard Group, Inc.	BUY	2.24	Ordinary	659,680	659,680
13-Jun-2017	The Vanguard Group, Inc.	BUY	2.24	Ordinary	3,128	3,128
14-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	70,128	70,128
15-Jun-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	56,432	56,432
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	19,782	19,782
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	17,892	17,892
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	52,620	52,620
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	46,208	46,208
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	3,601	3,601
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	17,284	17,284
16-Jun-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	16,479	16,479

## 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
19-Jun-2017	The Vanguard Group, Inc.	BUY	2.34	Ordinary	14,528	14,528
19-Jun-2017	The Vanguard Group, Inc.	BUY	2.34	Ordinary	62,622	62,622
20-Jun-2017	The Vanguard Group, Inc.	BUY	2.29	Ordinary	16,205	16,205
20-Jun-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	7,147	7,147
21-Jun-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	50,882	50,882
22-Jun-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	22,365	22,365
23-Jun-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	4,163	4,163
23-Jun-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	51,094	51,094
27-Jun-2017	The Vanguard Group, Inc.	BUY	2.24	Ordinary	17,892	17,892
28-Jun-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	80,514	80,514
28-Jun-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	26,838	26,838
28-Jun-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	80,514	80,514
29-Jun-2017	The Vanguard Group, Inc.	BUY	2.19	Ordinary	227,205	227,205
3-Jul-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	32,410	32,410
3-Jul-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	26,838	26,838
3-Jul-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	51,306	51,306
4-Jul-2017	The Vanguard Group, Inc.	BUY	2.12	Ordinary	21,441	21,441
6-Jul-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	339,896	339,896
10-Jul-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	7,147	7,147
11-Jul-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	7,390	7,390
11-Jul-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	26,838	26,838
11-Jul-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	5,909	5,909
12-Jul-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	25,865	25,865
12-Jul-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	23,150	23,150
12-Jul-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	82,620	82,620
13-Jul-2017	The Vanguard Group, Inc.	BUY	2.06	Ordinary	46,300	46,300
13-Jul-2017	The Vanguard Group, Inc.	BUY	2.06	Ordinary	7,147	7,147
14-Jul-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	26,838	26,838
14-Jul-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	89,460	89,460
17-Jul-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	14,780	14,780
20-Jul-2017	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(10,962)	(10,962)
24-Jul-2017	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(106,490)	(106,490)
25-Jul-2017	The Vanguard Group, Inc.	BUY	2.15	Ordinary	40,257	40,257
26-Jul-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	11,575	11,575
26-Jul-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	123,930	123,930
26-Jul-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	110,143	110,143
27-Jul-2017	The Vanguard Group, Inc.	BUY	2.23	Ordinary	53,676	53,676
28-Jul-2017	The Vanguard Group, Inc.	BUY	2.22	Ordinary	26,838	26,838
31-Jul-2017	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(21,489)	(21,489)
1-Aug-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	107,352	107,352
1-Aug-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	26,838	26,838
1-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	2,251	2,251
2-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	33,255	33,255
2-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	41,310	41,310
2-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	7,147	7,147
2-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	195,704	195,704
3-Aug-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	123,930	123,930
4-Aug-2017	The Vanguard Group, Inc.	BUY	2.20	Ordinary	61,965	61,965
7-Aug-2017	The Vanguard Group, Inc.	BUY	2.19	Ordinary	141,270	141,270
8-Aug-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	35,784	35,784
9-Aug-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	46,300	46,300
9-Aug-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	26,838	26,838
9-Aug-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	6,043	6,043
9-Aug-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	4,561	4,561
11-Aug-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	292,832	292,832
14-Aug-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	11,085	11,085
14-Aug-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	103,275	103,275
14-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	94,253	94,253
16-Aug-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	22,170	22,170
16-Aug-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	23,150	23,150
16-Aug-2017	The Vanguard Group, Inc.	BUY	2.24	Ordinary	7,147	7,147
17-Aug-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	71,568	71,568
18-Aug-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	26,838	26,838
18-Aug-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	26,838	26,838
21-Aug-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	123,930	123,930
22-Aug-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	1,911	1,911
23-Aug-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	58,149	58,149

## 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
25-Aug-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	55,730	55,730
25-Aug-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	14,780	14,780
29-Aug-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	123,930	123,930
30-Aug-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	35,784	35,784
31-Aug-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	41,310	41,310
1-Sep-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	11,085	11,085
5-Sep-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	53,676	53,676
5-Sep-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	61,965	61,965
6-Sep-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	36,950	36,950
6-Sep-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	7,390	7,390
6-Sep-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	304,954	304,954
7-Sep-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	7,147	7,147
7-Sep-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	2,554	2,554
7-Sep-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	4,318	4,318
11-Sep-2017	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(17,600)	(17,600)
14-Sep-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	20,655	20,655
15-Sep-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	89,348	89,348
15-Sep-2017	The Vanguard Group, Inc.	SELL	2.30	Ordinary	(63,648)	(63,648)
15-Sep-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	918	918
15-Sep-2017	The Vanguard Group, Inc.	SELL	2.30	Ordinary	(2,245)	(2,245)
22-Sep-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	36,610	36,610
22-Sep-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	4,569	4,569
25-Sep-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	49,203	49,203
25-Sep-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	26,838	26,838
25-Sep-2017	The Vanguard Group, Inc.	BUY	2.25	Ordinary	164,344	164,344
26-Sep-2017	The Vanguard Group, Inc.	BUY	2.27	Ordinary	31,311	31,311
27-Sep-2017	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(17,331)	(17,331)
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	17,331	17,331
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	19,096	19,096
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	41,086	41,086
27-Sep-2017	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(9,069)	(9,069)
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	9,069	9,069
2-Oct-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	62,622	62,622
2-Oct-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	31,311	31,311
2-Oct-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	61,629	61,629
2-Oct-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	44,390	44,390
2-Oct-2017	The Vanguard Group, Inc.	BUY	2.30	Ordinary	44,390	44,390
4-Oct-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	35,784	35,784
4-Oct-2017	The Vanguard Group, Inc.	BUY	2.26	Ordinary	58,149	58,149
6-Oct-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	18,475	18,475
6-Oct-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	26,838	26,838
6-Oct-2017	The Vanguard Group, Inc.	BUY	2.28	Ordinary	6,530	6,530
9-Oct-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	26,838	26,838
9-Oct-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	22,195	22,195
10-Oct-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	23,870	23,870
10-Oct-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	417,975	417,975
10-Oct-2017	The Vanguard Group, Inc.	SELL	2.32	Ordinary	(2,258)	(2,258)
12-Oct-2017	The Vanguard Group, Inc.	BUY	2.34	Ordinary	164,344	164,344
13-Oct-2017	The Vanguard Group, Inc.	SELL	2.33	Ordinary	(86,198)	(86,198)
17-Oct-2017	The Vanguard Group, Inc.	BUY	2.31	Ordinary	17,756	17,756
18-Oct-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	19,096	19,096
19-Oct-2017	The Vanguard Group, Inc.	BUY	2.34	Ordinary	157,865	157,865
19-Oct-2017	The Vanguard Group, Inc.	BUY	2.33	Ordinary	62,622	62,622
20-Oct-2017	The Vanguard Group, Inc.	BUY	2.34	Ordinary	164,344	164,344
23-Oct-2017	The Vanguard Group, Inc.	BUY	2.32	Ordinary	53,651	53,651
23-Oct-2017	The Vanguard Group, Inc.	SELL	2.32	Ordinary	(1,693)	(1,693)
25-Oct-2017	The Vanguard Group, Inc.	BUY	2.37	Ordinary	7,147	7,147
26-Oct-2017	The Vanguard Group, Inc.	BUY	2.39	Ordinary	35,784	35,784
27-Oct-2017	The Vanguard Group, Inc.	BUY	2.39	Ordinary	5,776	5,776
30-Oct-2017	The Vanguard Group, Inc.	BUY	2.39	Ordinary	9,548	9,548
30-Oct-2017	The Vanguard Group, Inc.	BUY	2.39	Ordinary	27,466	27,466
31-Oct-2017	The Vanguard Group, Inc.	BUY	2.42	Ordinary	23,870	23,870
31-Oct-2017	The Vanguard Group, Inc.	BUY	2.42	Ordinary	41,086	41,086
31-Oct-2017	The Vanguard Group, Inc.	BUY	2.42	Ordinary	123,258	123,258
1-Nov-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	23,870	23,870
1-Nov-2017	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(17,407)	(17,407)
1-Nov-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	2,811	2,811

## 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-Nov-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	22,365	22,365
2-Nov-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	82,172	82,172
2-Nov-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	16,508	16,508
3-Nov-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	35,784	35,784
3-Nov-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	123,258	123,258
6-Nov-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	26,838	26,838
7-Nov-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	43,271	43,271
8-Nov-2017	The Vanguard Group, Inc.	BUY	2.47	Ordinary	28,889	28,889
9-Nov-2017	The Vanguard Group, Inc.	BUY	2.50	Ordinary	18,475	18,475
10-Nov-2017	The Vanguard Group, Inc.	BUY	2.54	Ordinary	40,645	40,645
10-Nov-2017	The Vanguard Group, Inc.	BUY	2.52	Ordinary	153,507	153,507
10-Nov-2017	The Vanguard Group, Inc.	BUY	2.54	Ordinary	61,905	61,905
13-Nov-2017	The Vanguard Group, Inc.	BUY	2.52	Ordinary	164,344	164,344
14-Nov-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	24,762	24,762
15-Nov-2017	The Vanguard Group, Inc.	BUY	2.43	Ordinary	11,085	11,085
15-Nov-2017	The Vanguard Group, Inc.	BUY	2.43	Ordinary	82,172	82,172
16-Nov-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	22,170	22,170
16-Nov-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	28,644	28,644
17-Nov-2017	The Vanguard Group, Inc.	BUY	2.43	Ordinary	50,127	50,127
17-Nov-2017	The Vanguard Group, Inc.	BUY	2.43	Ordinary	205,430	205,430
20-Nov-2017	The Vanguard Group, Inc.	BUY	2.44	Ordinary	20,635	20,635
24-Nov-2017	The Vanguard Group, Inc.	BUY	2.42	Ordinary	164,344	164,344
24-Nov-2017	The Vanguard Group, Inc.	BUY	2.42	Ordinary	2,738	2,738
30-Nov-2017	The Vanguard Group, Inc.	SELL	2.44	Ordinary	(35,303)	(35,303)
30-Nov-2017	The Vanguard Group, Inc.	BUY	2.44	Ordinary	2,525	2,525
5-Dec-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	320,447	320,447
5-Dec-2017	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(11,603)	(11,603)
5-Dec-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	50,105	50,105
6-Dec-2017	The Vanguard Group, Inc.	BUY	2.46	Ordinary	22,365	22,365
7-Dec-2017	The Vanguard Group, Inc.	BUY	2.48	Ordinary	268,128	268,128
8-Dec-2017	The Vanguard Group, Inc.	BUY	2.48	Ordinary	185,022	185,022
8-Dec-2017	The Vanguard Group, Inc.	BUY	2.48	Ordinary	61,674	61,674
8-Dec-2017	The Vanguard Group, Inc.	SELL	2.47	Ordinary	(6,134)	(6,134)
11-Dec-2017	The Vanguard Group, Inc.	BUY	2.46	Ordinary	40,579	40,579
13-Dec-2017	The Vanguard Group, Inc.	BUY	2.48	Ordinary	17,500	17,500
14-Dec-2017	The Vanguard Group, Inc.	BUY	2.43	Ordinary	53,676	53,676
15-Dec-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	17,892	17,892
15-Dec-2017	The Vanguard Group, Inc.	SELL	2.44	Ordinary	(197,417)	(197,417)
15-Dec-2017	The Vanguard Group, Inc.	SELL	2.44	Ordinary	(136,759)	(136,759)
15-Dec-2017	The Vanguard Group, Inc.	BUY	2.44	Ordinary	3,426	3,426
18-Dec-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	22,120	22,120
18-Dec-2017	The Vanguard Group, Inc.	SELL	2.45	Ordinary	(58,069)	(58,069)
18-Dec-2017	The Vanguard Group, Inc.	BUY	2.45	Ordinary	3,021	3,021
20-Dec-2017	The Vanguard Group, Inc.	SELL	2.45	Ordinary	(39,710)	(39,710)
20-Dec-2017	The Vanguard Group, Inc.	SELL	2.46	Ordinary	(4,266)	(4,266)
21-Dec-2017	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(14,944)	(14,944)
21-Dec-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	24,225	24,225
21-Dec-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	70,280	70,280
21-Dec-2017	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(4,212)	(4,212)
22-Dec-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	17,570	17,570
26-Dec-2017	The Vanguard Group, Inc.	BUY	2.40	Ordinary	67,830	67,830
27-Dec-2017	The Vanguard Group, Inc.	BUY	2.38	Ordinary	3,514	3,514
28-Dec-2017	The Vanguard Group, Inc.	BUY	2.38	Ordinary	44,240	44,240
28-Dec-2017	The Vanguard Group, Inc.	BUY	2.38	Ordinary	7,515	7,515
29-Dec-2017	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(22,416)	(22,416)
29-Dec-2017	The Vanguard Group, Inc.	BUY	2.35	Ordinary	49,813	49,813
2-Jan-2018	The Vanguard Group, Inc.	BUY	2.34	Ordinary	4,405	4,405
4-Jan-2018	The Vanguard Group, Inc.	BUY	2.34	Ordinary	19,380	19,380
4-Jan-2018	The Vanguard Group, Inc.	BUY	2.34	Ordinary	35,140	35,140
4-Jan-2018	The Vanguard Group, Inc.	BUY	2.34	Ordinary	63,977	63,977
5-Jan-2018	The Vanguard Group, Inc.	BUY	2.35	Ordinary	172,714	172,714
5-Jan-2018	The Vanguard Group, Inc.	BUY	2.36	Ordinary	24,225	24,225
8-Jan-2018	The Vanguard Group, Inc.	BUY	2.35	Ordinary	139,713	139,713
8-Jan-2018	The Vanguard Group, Inc.	BUY	2.35	Ordinary	4,563	4,563
9-Jan-2018	The Vanguard Group, Inc.	BUY	2.33	Ordinary	58,140	58,140
10-Jan-2018	The Vanguard Group, Inc.	BUY	2.27	Ordinary	10,193	10,193
11-Jan-2018	The Vanguard Group, Inc.	BUY	2.28	Ordinary	38,760	38,760

## 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
12-Jan-2018	The Vanguard Group, Inc.	BUY	2.26	Ordinary	39,816	39,816
12-Jan-2018	The Vanguard Group, Inc.	BUY	2.26	Ordinary	194,421	194,421
16-Jan-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	29,070	29,070
16-Jan-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	5,119	5,119
18-Jan-2018	The Vanguard Group, Inc.	BUY	2.25	Ordinary	38,760	38,760
18-Jan-2018	The Vanguard Group, Inc.	BUY	2.25	Ordinary	179,631	179,631
19-Jan-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	79,836	79,836
23-Jan-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	119,754	119,754
24-Jan-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	22,120	22,120
24-Jan-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	39,918	39,918
26-Jan-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	29,070	29,070
26-Jan-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	159,672	159,672
29-Jan-2018	The Vanguard Group, Inc.	BUY	2.16	Ordinary	22,120	22,120
29-Jan-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	12,673	12,673
29-Jan-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	54,314	54,314
29-Jan-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	2,682	2,682
30-Jan-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	33,915	33,915
30-Jan-2018	The Vanguard Group, Inc.	BUY	2.16	Ordinary	2,246	2,246
31-Jan-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	14,056	14,056
1-Feb-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	404,229	404,229
1-Feb-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	19,908	19,908
1-Feb-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	43,605	43,605
1-Feb-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	14,694	14,694
2-Feb-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	434,976	434,976
2-Feb-2018	The Vanguard Group, Inc.	BUY	2.11	Ordinary	159,672	159,672
5-Feb-2018	The Vanguard Group, Inc.	SELL	2.03	Ordinary	(18,680)	(18,680)
5-Feb-2018	The Vanguard Group, Inc.	SELL	2.03	Ordinary	(14,944)	(14,944)
5-Feb-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	33,180	33,180
5-Feb-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	79,836	79,836
8-Feb-2018	The Vanguard Group, Inc.	SELL	2.01	Ordinary	(7,472)	(7,472)
8-Feb-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	88,583	88,583
8-Feb-2018	The Vanguard Group, Inc.	SELL	2.01	Ordinary	(28,112)	(28,112)
8-Feb-2018	The Vanguard Group, Inc.	SELL	2.06	Ordinary	(15,789)	(15,789)
13-Feb-2018	The Vanguard Group, Inc.	BUY	2.11	Ordinary	48,950	48,950
13-Feb-2018	The Vanguard Group, Inc.	BUY	2.11	Ordinary	29,370	29,370
13-Feb-2018	The Vanguard Group, Inc.	SELL	2.06	Ordinary	(3,282)	(3,282)
13-Feb-2018	The Vanguard Group, Inc.	BUY	2.10	Ordinary	15,374	15,374
14-Feb-2018	The Vanguard Group, Inc.	BUY	2.11	Ordinary	11,060	11,060
14-Feb-2018	The Vanguard Group, Inc.	BUY	2.10	Ordinary	58,772	58,772
14-Feb-2018	The Vanguard Group, Inc.	BUY	2.10	Ordinary	3,069	3,069
15-Feb-2018	The Vanguard Group, Inc.	BUY	2.12	Ordinary	57,029	57,029
16-Feb-2018	The Vanguard Group, Inc.	BUY	2.07	Ordinary	11,060	11,060
16-Feb-2018	The Vanguard Group, Inc.	BUY	2.07	Ordinary	44,055	44,055
16-Feb-2018	The Vanguard Group, Inc.	BUY	2.07	Ordinary	58,740	58,740
20-Feb-2018	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(37,360)	(37,360)
20-Feb-2018	The Vanguard Group, Inc.	BUY	2.09	Ordinary	59,877	59,877
20-Feb-2018	The Vanguard Group, Inc.	SELL	2.10	Ordinary	(12,556)	(12,556)
21-Feb-2018	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(18,680)	(18,680)
21-Feb-2018	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(14,944)	(14,944)
21-Feb-2018	The Vanguard Group, Inc.	BUY	2.12	Ordinary	5,127	5,127
21-Feb-2018	The Vanguard Group, Inc.	BUY	2.12	Ordinary	16,590	16,590
22-Feb-2018	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(109,364)	(109,364)
23-Feb-2018	The Vanguard Group, Inc.	BUY	2.11	Ordinary	7,147	7,147
26-Feb-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	24,475	24,475
26-Feb-2018	The Vanguard Group, Inc.	BUY	2.12	Ordinary	7,147	7,147
27-Feb-2018	The Vanguard Group, Inc.	SELL	2.14	Ordinary	(37,360)	(37,360)
1-Mar-2018	The Vanguard Group, Inc.	SELL	2.09	Ordinary	(41,096)	(41,096)
5-Mar-2018	The Vanguard Group, Inc.	SELL	2.16	Ordinary	(179,631)	(179,631)
6-Mar-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	22,120	22,120
6-Mar-2018	The Vanguard Group, Inc.	BUY	2.13	Ordinary	44,988	44,988
7-Mar-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	1,282,282	1,282,282
7-Mar-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	4,844	4,844
8-Mar-2018	The Vanguard Group, Inc.	BUY	2.13	Ordinary	347	347
8-Mar-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	19,975	19,975
9-Mar-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	3,247	3,247
12-Mar-2018	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(18,680)	(18,680)
13-Mar-2018	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(12,992)	(12,992)

## 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
14-Mar-2018	The Vanguard Group, Inc.	BUY	2.16	Ordinary	3,771	3,771
15-Mar-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	79,836	79,836
15-Mar-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	1,532	1,532
16-Mar-2018	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(26,152)	(26,152)
16-Mar-2018	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(1,107,259)	(1,107,259)
16-Mar-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	97,147	97,147
16-Mar-2018	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(84,258)	(84,258)
16-Mar-2018	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(1,521)	(1,521)
16-Mar-2018	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(8,259)	(8,259)
16-Mar-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	321	321
19-Mar-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	24,816	24,816
20-Mar-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	28,458	28,458
21-Mar-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	14,375	14,375
22-Mar-2018	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(1,965)	(1,965)
23-Mar-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	23,715	23,715
23-Mar-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	47,430	47,430
23-Mar-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	60,156	60,156
26-Mar-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	28,750	28,750
26-Mar-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	14,229	14,229
26-Mar-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	50,488	50,488
27-Mar-2018	The Vanguard Group, Inc.	BUY	2.16	Ordinary	59,129	59,129
27-Mar-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	66,744	66,744
28-Mar-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	18,972	18,972
29-Mar-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	27,572	27,572
4-Apr-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	6,280	6,280
4-Apr-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	19,954	19,954
5-Apr-2018	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(11,190)	(11,190)
5-Apr-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	11,466	11,466
9-Apr-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	16,544	16,544
9-Apr-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	35,012	35,012
10-Apr-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	25,875	25,875
10-Apr-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	140,364	140,364
10-Apr-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	5,251	5,251
11-Apr-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	34,500	34,500
11-Apr-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	858	858
12-Apr-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	60,156	60,156
16-Apr-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	140,364	140,364
18-Apr-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	28,750	28,750
19-Apr-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	49,542	49,542
26-Apr-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	28,750	28,750
26-Apr-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	75,888	75,888
26-Apr-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	85,021	85,021
27-Apr-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	31,625	31,625
27-Apr-2018	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(2,599)	(2,599)
1-May-2018	The Vanguard Group, Inc.	SELL	2.27	Ordinary	(11,190)	(11,190)
2-May-2018	The Vanguard Group, Inc.	BUY	2.27	Ordinary	140,364	140,364
2-May-2018	The Vanguard Group, Inc.	BUY	2.27	Ordinary	80,208	80,208
3-May-2018	The Vanguard Group, Inc.	BUY	2.31	Ordinary	293,205	293,205
7-May-2018	The Vanguard Group, Inc.	BUY	2.27	Ordinary	28,458	28,458
9-May-2018	The Vanguard Group, Inc.	BUY	2.32	Ordinary	71,145	71,145
14-May-2018	The Vanguard Group, Inc.	BUY	2.27	Ordinary	8,954	8,954
15-May-2018	The Vanguard Group, Inc.	BUY	2.27	Ordinary	56,916	56,916
16-May-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	57,564	57,564
18-May-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	95,799	95,799
22-May-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	535,511	535,511
22-May-2018	The Vanguard Group, Inc.	BUY	2.23	Ordinary	54,625	54,625
22-May-2018	The Vanguard Group, Inc.	BUY	2.23	Ordinary	33,201	33,201
23-May-2018	The Vanguard Group, Inc.	BUY	2.30	Ordinary	34,066	34,066
24-May-2018	The Vanguard Group, Inc.	SELL	2.35	Ordinary	(7,460)	(7,460)
25-May-2018	The Vanguard Group, Inc.	BUY	2.34	Ordinary	136,016	136,016
25-May-2018	The Vanguard Group, Inc.	BUY	2.33	Ordinary	14,229	14,229
30-May-2018	The Vanguard Group, Inc.	BUY	2.31	Ordinary	251,029	251,029
31-May-2018	The Vanguard Group, Inc.	BUY	2.30	Ordinary	3,918	3,918
31-May-2018	The Vanguard Group, Inc.	SELL	2.30	Ordinary	(25,455)	(25,455)
1-Jun-2018	The Vanguard Group, Inc.	BUY	2.29	Ordinary	290,248	290,248
1-Jun-2018	The Vanguard Group, Inc.	BUY	2.30	Ordinary	23,715	23,715
11-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	204,392	204,392

## 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-Mar-2016	Vanguard Investments Australia Ltd	SELL	1.87	Ordinary	(439,790)	(439,790)
11-Mar-2016	Vanguard Investments Australia Ltd	SELL	1.87	Ordinary	(1,691,160)	(1,691,160)
11-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	28,890	28,890
18-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.89	Ordinary	149,030	149,030
18-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.89	Ordinary	5,130	5,130
18-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.89	Ordinary	422,410	422,410
22-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	2,334,160	2,334,160
22-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	153,045	153,045
30-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.90	Ordinary	231,744	231,744
30-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.90	Ordinary	44,235	44,235
31-Mar-2016	Vanguard Investments Australia Ltd	SELL	1.94	Ordinary	(15,345)	(15,345)
31-Mar-2016	Vanguard Investments Australia Ltd	BUY	1.94	Ordinary	51,010	51,010
31-Mar-2016	Vanguard Investments Australia Ltd	SELL	1.94	Ordinary	(321,954)	(321,954)
1-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	202,604	202,604
1-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	23,440	23,440
4-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.88	Ordinary	(5,377,934)	(5,377,934)
11-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.90	Ordinary	(2,683)	(2,683)
11-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.90	Ordinary	83,620	83,620
11-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.90	Ordinary	18,696	18,696
13-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.92	Ordinary	103,560	103,560
14-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	2,639,747	2,639,747
14-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	7,197,917	7,197,917
14-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.91	Ordinary	(7,197,917)	(7,197,917)
14-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.91	Ordinary	(2,639,747)	(2,639,747)
21-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	6,860	6,860
21-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	1,969,437	1,969,437
21-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	3,221,702	3,221,702
21-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	151,953	151,953
21-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.91	Ordinary	(3,221,702)	(3,221,702)
21-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.91	Ordinary	(1,969,437)	(1,969,437)
22-Apr-2016	Vanguard Investments Australia Ltd	SELL	1.88	Ordinary	(15,676)	(15,676)
22-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.88	Ordinary	202,604	202,604
29-Apr-2016	Vanguard Investments Australia Ltd	BUY	1.87	Ordinary	143,336	143,336
3-May-2016	Vanguard Investments Australia Ltd	BUY	1.93	Ordinary	157,760	157,760
5-May-2016	Vanguard Investments Australia Ltd	SELL	1.97	Ordinary	(385,100)	(385,100)
6-May-2016	Vanguard Investments Australia Ltd	BUY	1.94	Ordinary	842,860	842,860
9-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	14,350	14,350
9-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	103,390	103,390
9-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	75,320	75,320
9-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	148,617	148,617
10-May-2016	Vanguard Investments Australia Ltd	BUY	1.97	Ordinary	1,130,660	1,130,660
12-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	57,470	57,470
12-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	65,390	65,390
13-May-2016	Vanguard Investments Australia Ltd	BUY	1.94	Ordinary	99,078	99,078
16-May-2016	Vanguard Investments Australia Ltd	BUY	1.92	Ordinary	423,550	423,550
20-May-2016	Vanguard Investments Australia Ltd	BUY	1.93	Ordinary	47,775	47,775
23-May-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	198,156	198,156
23-May-2016	Vanguard Investments Australia Ltd	BUY	1.91	Ordinary	99,078	99,078
24-May-2016	Vanguard Investments Australia Ltd	SELL	1.91	Ordinary	(1,232)	(1,232)
24-May-2016	Vanguard Investments Australia Ltd	SELL	1.91	Ordinary	(13,349)	(13,349)
25-May-2016	Vanguard Investments Australia Ltd	BUY	1.92	Ordinary	743,085	743,085
30-May-2016	Vanguard Investments Australia Ltd	BUY	1.98	Ordinary	173,670	173,670
31-May-2016	Vanguard Investments Australia Ltd	SELL	1.94	Ordinary	(7,941)	(7,941)
31-May-2016	Vanguard Investments Australia Ltd	BUY	1.95	Ordinary	99,078	99,078
7-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.02	Ordinary	(277,095)	(277,095)
8-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.00	Ordinary	427,280	427,280
9-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.02	Ordinary	99,078	99,078
9-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.02	Ordinary	227,430	227,430
14-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.00	Ordinary	(183,372)	(183,372)
16-Jun-2016	Vanguard Investments Australia Ltd	BUY	1.99	Ordinary	198,156	198,156
16-Jun-2016	Vanguard Investments Australia Ltd	BUY	1.99	Ordinary	12,740	12,740
16-Jun-2016	Vanguard Investments Australia Ltd	BUY	1.99	Ordinary	19,110	19,110
17-Jun-2016	Vanguard Investments Australia Ltd	SELL	1.99	Ordinary	(139,633)	(139,633)
21-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.04	Ordinary	315,570	315,570
21-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.04	Ordinary	(60,110)	(60,110)
22-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	83,300	83,300
23-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	48,240	48,240

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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-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.02	Ordinary	(41,711)	(41,711)
24-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.02	Ordinary	32,160	32,160
24-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.02	Ordinary	41,808	41,808
27-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.05	Ordinary	(30,286)	(30,286)
28-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.03	Ordinary	(5,184)	(5,184)
30-Jun-2016	Vanguard Investments Australia Ltd	BUY	2.02	Ordinary	100,250	100,250
30-Jun-2016	Vanguard Investments Australia Ltd	SELL	2.02	Ordinary	(651,625)	(651,625)
1-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	120,250	120,250
4-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.06	Ordinary	(35,706)	(35,706)
6-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.04	Ordinary	349,950	349,950
6-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.04	Ordinary	13,284	13,284
7-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.06	Ordinary	7,940	7,940
8-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.05	Ordinary	(12,058)	(12,058)
12-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.10	Ordinary	197,016	197,016
12-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(172,515)	(172,515)
13-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	3,020	3,020
19-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	98,508	98,508
21-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	3,815,538	3,815,538
21-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(1,374,013)	(1,374,013)
21-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(39,060)	(39,060)
26-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(920)	(920)
26-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	586,512	586,512
27-Jul-2016	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(32,550)	(32,550)
28-Jul-2016	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	147,762	147,762
3-Aug-2016	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	69,950	69,950
5-Aug-2016	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	147,762	147,762
8-Aug-2016	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	258,590	258,590
15-Aug-2016	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(9,629)	(9,629)
16-Aug-2016	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	198,220	198,220
19-Aug-2016	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	99,110	99,110
31-Aug-2016	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	9,910	9,910
31-Aug-2016	Vanguard Investments Australia Ltd	SELL	2.32	Ordinary	(99,110)	(99,110)
31-Aug-2016	Vanguard Investments Australia Ltd	SELL	2.32	Ordinary	(20,082)	(20,082)
1-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	247,775	247,775
1-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(20,082)	(20,082)
2-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(99,110)	(99,110)
2-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	13,388	13,388
7-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(903,988)	(903,988)
12-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	198,220	198,220
12-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	99,110	99,110
12-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	20,082	20,082
12-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	20,082	20,082
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	446,276	446,276
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	27,580	27,580
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	29,450	29,450
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	122,121	122,121
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	112,330	112,330
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	189,772	189,772
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	263,135	263,135
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	138,814	138,814
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	164,810	164,810
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	1,299,833	1,299,833
16-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	544,790	544,790
20-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	190,467	190,467
20-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	16,660	16,660
22-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	26,656	26,656
23-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(24,803)	(24,803)
23-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	199,640	199,640
23-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(207,996)	(207,996)
27-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	419,832	419,832
29-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.24	Ordinary	(508,541)	(508,541)
30-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	149,289	149,289
30-Sep-2016	Vanguard Investments Australia Ltd	SELL	2.24	Ordinary	(611,764)	(611,764)
30-Sep-2016	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	19,992	19,992
3-Oct-2016	Vanguard Investments Australia Ltd	SELL	2.24	Ordinary	(414,532)	(414,532)
5-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	460,318	460,318
5-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	98,828	98,828

## 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-Oct-2016	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(110,837)	(110,837)
5-Oct-2016	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(509,522)	(509,522)
6-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	302,561	302,561
7-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	65,898	65,898
7-Oct-2016	Vanguard Investments Australia Ltd	SELL	2.12	Ordinary	(1,653,644)	(1,653,644)
10-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	29,223	29,223
14-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	148,242	148,242
20-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	16,235	16,235
21-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	63,731	63,731
21-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	53,850	53,850
24-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	13,870	13,870
24-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	72,380	72,380
24-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	73,940	73,940
24-Oct-2016	Vanguard Investments Australia Ltd	SELL	2.07	Ordinary	(1,781,446)	(1,781,446)
24-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.07	Ordinary	29,223	29,223
25-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	197,656	197,656
25-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	38,964	38,964
27-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.04	Ordinary	515,642	515,642
28-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	192,583	192,583
28-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	1,504,555	1,504,555
28-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	29,223	29,223
31-Oct-2016	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(63,916)	(63,916)
31-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	74,930	74,930
31-Oct-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	395,312	395,312
1-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.07	Ordinary	197,656	197,656
1-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.07	Ordinary	197,656	197,656
2-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	494,140	494,140
2-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.05	Ordinary	15,350	15,350
3-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.04	Ordinary	444,726	444,726
3-Nov-2016	Vanguard Investments Australia Ltd	SELL	2.04	Ordinary	(778,595)	(778,595)
4-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	113,210	113,210
4-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	24,560	24,560
7-Nov-2016	Vanguard Investments Australia Ltd	SELL	2.07	Ordinary	(64,279)	(64,279)
9-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	27,630	27,630
10-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.02	Ordinary	30,700	30,700
11-Nov-2016	Vanguard Investments Australia Ltd	BUY	1.98	Ordinary	117,420	117,420
14-Nov-2016	Vanguard Investments Australia Ltd	BUY	1.98	Ordinary	197,656	197,656
14-Nov-2016	Vanguard Investments Australia Ltd	SELL	1.98	Ordinary	(805,864)	(805,864)
18-Nov-2016	Vanguard Investments Australia Ltd	BUY	1.98	Ordinary	1,935	1,935
21-Nov-2016	Vanguard Investments Australia Ltd	SELL	1.95	Ordinary	(12,260)	(12,260)
21-Nov-2016	Vanguard Investments Australia Ltd	SELL	1.95	Ordinary	(1,115,684)	(1,115,684)
21-Nov-2016	Vanguard Investments Australia Ltd	SELL	1.95	Ordinary	(136,606)	(136,606)
22-Nov-2016	Vanguard Investments Australia Ltd	BUY	1.96	Ordinary	148,242	148,242
24-Nov-2016	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	656,109	656,109
30-Nov-2016	Vanguard Investments Australia Ltd	SELL	2.05	Ordinary	(6,513)	(6,513)
1-Dec-2016	Vanguard Investments Australia Ltd	SELL	2.00	Ordinary	(51,085)	(51,085)
5-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.01	Ordinary	98,828	98,828
5-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.01	Ordinary	247,070	247,070
6-Dec-2016	Vanguard Investments Australia Ltd	SELL	2.05	Ordinary	(95,170)	(95,170)
12-Dec-2016	Vanguard Investments Australia Ltd	SELL	2.05	Ordinary	(646,385)	(646,385)
13-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.07	Ordinary	97,986	97,986
16-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	15,410	15,410
16-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	389,710	389,710
16-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	228,750	228,750
20-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	61,278	61,278
20-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	772,673	772,673
21-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	98,650	98,650
21-Dec-2016	Vanguard Investments Australia Ltd	SELL	2.12	Ordinary	(107,148)	(107,148)
22-Dec-2016	Vanguard Investments Australia Ltd	SELL	2.14	Ordinary	(280,651)	(280,651)
29-Dec-2016	Vanguard Investments Australia Ltd	SELL	2.13	Ordinary	(31,141)	(31,141)
29-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	927,305	927,305
29-Dec-2016	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	27,513	27,513
4-Jan-2017	Vanguard Investments Australia Ltd	SELL	2.13	Ordinary	(3,130)	(3,130)
4-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	8,360	8,360
6-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	98,730	98,730
11-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.08	Ordinary	148,095	148,095
19-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.01	Ordinary	98,766	98,766

## 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-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.00	Ordinary	23,328	23,328
25-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.01	Ordinary	98,766	98,766
27-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.04	Ordinary	20,412	20,412
31-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	148,149	148,149
31-Jan-2017	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	20,412	20,412
1-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.04	Ordinary	(1,809,351)	(1,809,351)
2-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.04	Ordinary	(349,920)	(349,920)
7-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.07	Ordinary	98,766	98,766
8-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	459,030	459,030
9-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.13	Ordinary	(29,703)	(29,703)
9-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	3,144,533	3,144,533
9-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	26,244	26,244
13-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	642,884	642,884
13-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	99,758	99,758
17-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	199,560	199,560
20-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(425,500)	(425,500)
20-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	99,780	99,780
21-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.13	Ordinary	(429,505)	(429,505)
22-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.14	Ordinary	(396,468)	(396,468)
23-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	5,633,593	5,633,593
23-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(5,633,593)	(5,633,593)
24-Feb-2017	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	99,748	99,748
28-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(8,772)	(8,772)
28-Feb-2017	Vanguard Investments Australia Ltd	SELL	2.16	Ordinary	(756,120)	(756,120)
1-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(3,488)	(3,488)
2-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	485,050	485,050
3-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	99,748	99,748
6-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	14,580	14,580
7-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	149,622	149,622
10-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.13	Ordinary	(285,941)	(285,941)
15-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	99,748	99,748
15-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	20,412	20,412
17-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	220,242	220,242
17-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	135,530	135,530
17-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	17,088	17,088
17-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.16	Ordinary	(174,998)	(174,998)
17-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	57,665	57,665
17-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	49,874	49,874
17-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.16	Ordinary	(485,589)	(485,589)
17-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	137,080	137,080
22-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(395,454)	(395,454)
23-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	98,574	98,574
23-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	26,946	26,946
24-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	439,372	439,372
24-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(108,227)	(108,227)
24-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(439,372)	(439,372)
27-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	14,626	14,626
27-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(104,925)	(104,925)
28-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	738,492	738,492
29-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	119,650	119,650
31-Mar-2017	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	197,260	197,260
31-Mar-2017	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(985,385)	(985,385)
4-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	28,556	28,556
5-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	5,590	5,590
5-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	15,040	15,040
5-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	11,960	11,960
5-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	79,720	79,720
5-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	97,494	97,494
5-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	15,305	15,305
6-Apr-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(1,591,000)	(1,591,000)
6-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	940,349	940,349
7-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	147,290	147,290
10-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	2,137,099	2,137,099
10-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	88,330	88,330
11-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	97,494	97,494
12-Apr-2017	Vanguard Investments Australia Ltd	SELL	2.33	Ordinary	(283,300)	(283,300)
19-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	24,488	24,488

## Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	264,205	264,205
21-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	133,070	133,070
26-Apr-2017	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(27,297)	(27,297)
27-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	27,549	27,549
28-Apr-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(11,681)	(11,681)
28-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	243,735	243,735
28-Apr-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	12,244	12,244
1-May-2017	Vanguard Investments Australia Ltd	SELL	2.31	Ordinary	(44,897)	(44,897)
1-May-2017	Vanguard Investments Australia Ltd	SELL	2.31	Ordinary	(432,382)	(432,382)
2-May-2017	Vanguard Investments Australia Ltd	BUY	2.35	Ordinary	88,763	88,763
5-May-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	48,634	48,634
5-May-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	205,878	205,878
8-May-2017	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	122,272	122,272
9-May-2017	Vanguard Investments Australia Ltd	SELL	2.31	Ordinary	(45,599)	(45,599)
9-May-2017	Vanguard Investments Australia Ltd	SELL	2.31	Ordinary	(81,732)	(81,732)
9-May-2017	Vanguard Investments Australia Ltd	BUY	2.31	Ordinary	31,500	31,500
10-May-2017	Vanguard Investments Australia Ltd	BUY	2.31	Ordinary	97,268	97,268
11-May-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	135,199	135,199
12-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	212,485	212,485
12-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	9,538	9,538
12-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	58,398	58,398
12-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	145,902	145,902
15-May-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	13,486	13,486
15-May-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	65,009	65,009
15-May-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	84,462	84,462
15-May-2017	Vanguard Investments Australia Ltd	SELL	2.26	Ordinary	(424,749)	(424,749)
15-May-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	22,050	22,050
16-May-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	89,458	89,458
17-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	97,268	97,268
18-May-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	22,505	22,505
19-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	11,610	11,610
19-May-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(43,420)	(43,420)
23-May-2017	Vanguard Investments Australia Ltd	SELL	2.25	Ordinary	(46,461)	(46,461)
23-May-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	97,268	97,268
25-May-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(90,941)	(90,941)
25-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	113,947	113,947
29-May-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(16,287)	(16,287)
29-May-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	194,536	194,536
31-May-2017	Vanguard Investments Australia Ltd	SELL	2.28	Ordinary	(5,419)	(5,419)
1-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	532,542	532,542
1-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	87,071	87,071
2-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	97,114	97,114
6-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(34,358)	(34,358)
6-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	32,150	32,150
7-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(16,178)	(16,178)
8-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.21	Ordinary	(1,824,125)	(1,824,125)
8-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	48,225	48,225
9-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.21	Ordinary	(75,781)	(75,781)
9-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	60,214	60,214
14-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	68,006	68,006
15-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	243,280	243,280
15-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	185,059	185,059
16-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	97,312	97,312
16-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	45,010	45,010
16-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	76,488	76,488
20-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(9,069)	(9,069)
20-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(72,787)	(72,787)
20-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	19,458	19,458
21-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	97,318	97,318
22-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(574,558)	(574,558)
22-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	32,430	32,430
27-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	145,398	145,398
27-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	29,187	29,187
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.25	Ordinary	(26,793)	(26,793)
29-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	5,596	5,596
29-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	104,837	104,837
29-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	12,486	12,486

## 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
29-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	80,953	80,953
29-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	295,518	295,518
30-Jun-2017	Vanguard Investments Australia Ltd	SELL	2.13	Ordinary	(1,051,427)	(1,051,427)
30-Jun-2017	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	32,430	32,430
3-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(780,731)	(780,731)
3-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.10	Ordinary	32,430	32,430
4-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.12	Ordinary	(374,079)	(374,079)
5-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(395,597)	(395,597)
5-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.10	Ordinary	48,796	48,796
5-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.10	Ordinary	97,592	97,592
6-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.08	Ordinary	475,367	475,367
6-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.08	Ordinary	975,920	975,920
6-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.08	Ordinary	(1,125,395)	(1,125,395)
10-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(403,294)	(403,294)
10-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	36,468	36,468
11-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(397,296)	(397,296)
11-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(429,842)	(429,842)
11-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	146,388	146,388
11-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(409,340)	(409,340)
12-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.06	Ordinary	21,273	21,273
13-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.06	Ordinary	(803,031)	(803,031)
13-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.06	Ordinary	482,317	482,317
13-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.06	Ordinary	48,796	48,796
13-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.06	Ordinary	(886,336)	(886,336)
13-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.06	Ordinary	(291,463)	(291,463)
17-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(799,556)	(799,556)
17-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.10	Ordinary	146,388	146,388
17-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(700,696)	(700,696)
18-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	21,273	21,273
20-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(899,038)	(899,038)
20-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	442,100	442,100
20-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	146,388	146,388
20-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(669,034)	(669,034)
24-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	439,992	439,992
24-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	45,738	45,738
25-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.14	Ordinary	(805,012)	(805,012)
25-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(293,328)	(293,328)
25-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.14	Ordinary	(637,342)	(637,342)
27-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(646,476)	(646,476)
27-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(121,235)	(121,235)
27-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	151,962	151,962
28-Jul-2017	Vanguard Investments Australia Ltd	SELL	2.22	Ordinary	(182,074)	(182,074)
31-Jul-2017	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	26,136	26,136
3-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	97,778	97,778
3-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	35,937	35,937
4-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(928,891)	(928,891)
8-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.16	Ordinary	(423,403)	(423,403)
9-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	48,889	48,889
9-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	146,667	146,667
10-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	78,343	78,343
11-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	45,738	45,738
14-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	34,265	34,265
14-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	53,897	53,897
16-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	8,600	8,600
16-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	34,285	34,285
16-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	43,049	43,049
17-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(518,077)	(518,077)
22-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.33	Ordinary	(529,244)	(529,244)
22-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	83,341	83,341
22-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	91,746	91,746
23-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.31	Ordinary	26,136	26,136
23-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.31	Ordinary	22,869	22,869
25-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(5,256)	(5,256)
25-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	147,831	147,831
28-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(516,672)	(516,672)
28-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	321,116	321,116
29-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.26	Ordinary	(525,317)	(525,317)

## 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
29-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	160,531	160,531
30-Aug-2017	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(521,167)	(521,167)
30-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	960,479	960,479
30-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	63,670	63,670
31-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	5,258	5,258
31-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	31,681	31,681
31-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	27,944	27,944
31-Aug-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	112,975	112,975
1-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.31	Ordinary	147,831	147,831
5-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	463,073	463,073
7-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	53,084	53,084
8-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	38,423	38,423
11-Sep-2017	Vanguard Investments Australia Ltd	SELL	2.34	Ordinary	(18,686)	(18,686)
14-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	49,441	49,441
15-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	55,227	55,227
15-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	148,323	148,323
15-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	513,934	513,934
15-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	177,475	177,475
19-Sep-2017	Vanguard Investments Australia Ltd	SELL	2.26	Ordinary	(20,157)	(20,157)
21-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	247,190	247,190
21-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	47,124	47,124
21-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	56,192	56,192
22-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	93,415	93,415
26-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	114,444	114,444
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	6,374	6,374
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	163,142	163,142
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	15,094	15,094
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	17,693	17,693
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	31,628	31,628
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	83,408	83,408
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	17,460	17,460
27-Sep-2017	Vanguard Investments Australia Ltd	SELL	2.28	Ordinary	(19,686)	(19,686)
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	68,477	68,477
27-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	96,325	96,325
28-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	2,154	2,154
28-Sep-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	511,632	511,632
29-Sep-2017	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(26,728)	(26,728)
29-Sep-2017	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(268,217)	(268,217)
3-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(107,491)	(107,491)
3-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	147,687	147,687
4-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	34,000	34,000
6-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	172,091	172,091
6-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	48,178	48,178
9-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.32	Ordinary	(541,890)	(541,890)
9-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	96,789	96,789
9-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.32	Ordinary	(96,789)	(96,789)
11-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.35	Ordinary	(499,667)	(499,667)
12-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	98,458	98,458
16-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.31	Ordinary	(518,653)	(518,653)
18-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.33	Ordinary	(390,014)	(390,014)
18-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	223,055	223,055
25-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.37	Ordinary	(1,254,842)	(1,254,842)
25-Oct-2017	Vanguard Investments Australia Ltd	SELL	2.37	Ordinary	(8,884)	(8,884)
27-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.39	Ordinary	147,888	147,888
27-Oct-2017	Vanguard Investments Australia Ltd	BUY	2.39	Ordinary	19,038	19,038
1-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.41	Ordinary	48,505	48,505
3-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.40	Ordinary	(15,355)	(15,355)
6-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.40	Ordinary	147,888	147,888
7-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	31,392	31,392
7-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	48,345	48,345
8-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(30,743)	(30,743)
10-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.54	Ordinary	(26,164)	(26,164)
13-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	46,268	46,268
14-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.45	Ordinary	(12,459)	(12,459)
14-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.45	Ordinary	(6,552)	(6,552)
15-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.44	Ordinary	98,592	98,592
16-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.44	Ordinary	(45,544)	(45,544)

## 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-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.44	Ordinary	28,368	28,368
22-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.41	Ordinary	197,184	197,184
22-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.41	Ordinary	31,520	31,520
24-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.42	Ordinary	(29,115)	(29,115)
24-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.42	Ordinary	57,109	57,109
24-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.42	Ordinary	(30,191)	(30,191)
24-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.42	Ordinary	40,976	40,976
27-Nov-2017	Vanguard Investments Australia Ltd	BUY	2.43	Ordinary	88,027	88,027
29-Nov-2017	Vanguard Investments Australia Ltd	SELL	2.44	Ordinary	(197,184)	(197,184)
1-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.44	Ordinary	(13,438)	(13,438)
4-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.41	Ordinary	(39,478)	(39,478)
4-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.41	Ordinary	39,478	39,478
4-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.41	Ordinary	(595,650)	(595,650)
4-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.41	Ordinary	(92,031)	(92,031)
5-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.40	Ordinary	147,675	147,675
5-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.40	Ordinary	98,450	98,450
5-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.40	Ordinary	(337,200)	(337,200)
5-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.40	Ordinary	(69,344)	(69,344)
6-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	937,846	937,846
6-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.44	Ordinary	73,059	73,059
11-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(44,012)	(44,012)
11-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(274,489)	(274,489)
12-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.53	Ordinary	(58,309)	(58,309)
14-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.44	Ordinary	16,765	16,765
15-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.44	Ordinary	(104,612)	(104,612)
18-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.45	Ordinary	(47,016)	(47,016)
19-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	17,975	17,975
19-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	491,860	491,860
19-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	98,372	98,372
20-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(148,875)	(148,875)
20-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	29,232	29,232
27-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.38	Ordinary	491,860	491,860
28-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.37	Ordinary	1,253,067	1,253,067
28-Dec-2017	Vanguard Investments Australia Ltd	SELL	2.38	Ordinary	(998,440)	(998,440)
28-Dec-2017	Vanguard Investments Australia Ltd	BUY	2.37	Ordinary	115,249	115,249
4-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	129,527	129,527
8-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.35	Ordinary	99,638	99,638
10-Jan-2018	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(35,139)	(35,139)
11-Jan-2018	Vanguard Investments Australia Ltd	SELL	2.28	Ordinary	(14,500)	(14,500)
11-Jan-2018	Vanguard Investments Australia Ltd	SELL	2.28	Ordinary	(1,935)	(1,935)
16-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	99,638	99,638
16-Jan-2018	Vanguard Investments Australia Ltd	SELL	2.22	Ordinary	(1,450,642)	(1,450,642)
16-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	28,910	28,910
23-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	40,551	40,551
24-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	20,237	20,237
25-Jan-2018	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(126,243)	(126,243)
25-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	58,050	58,050
25-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	99,638	99,638
25-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	54,403	54,403
29-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	17,346	17,346
31-Jan-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	10,075	10,075
31-Jan-2018	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(30,787)	(30,787)
1-Feb-2018	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(219,716)	(219,716)
2-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	99,638	99,638
6-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.01	Ordinary	17,346	17,346
9-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.08	Ordinary	34,692	34,692
12-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.06	Ordinary	55,809	55,809
13-Feb-2018	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(301,260)	(301,260)
15-Feb-2018	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(58,860)	(58,860)
15-Feb-2018	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(16,276)	(16,276)
16-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.07	Ordinary	56,404	56,404
20-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.10	Ordinary	34,692	34,692
23-Feb-2018	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(55,130)	(55,130)
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	112,918	112,918
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	100,420	100,420
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	997,485	997,485
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	56,940	56,940

## 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-2018	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	476,860	476,860
1-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	26,019	26,019
5-Mar-2018	Vanguard Investments Australia Ltd	SELL	2.14	Ordinary	(16,273)	(16,273)
13-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	15,520	15,520
16-Mar-2018	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(39,575)	(39,575)
16-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	8,967	8,967
16-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	192,150	192,150
21-Mar-2018	Vanguard Investments Australia Ltd	SELL	2.21	Ordinary	(705,040)	(705,040)
21-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	19,416	19,416
22-Mar-2018	Vanguard Investments Australia Ltd	SELL	2.22	Ordinary	(37,470)	(37,470)
26-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	100,678	100,678
26-Mar-2018	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(401,987)	(401,987)
27-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	9,409	9,409
27-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	115,537	115,537
27-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	29,684	29,684
27-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	45,115	45,115
27-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	35,596	35,596
29-Mar-2018	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(1,210,285)	(1,210,285)
29-Mar-2018	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	69,832	69,832
3-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	63,530	63,530
5-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	57,526	57,526
5-Apr-2018	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(31,602)	(31,602)
5-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	36,972	36,972
10-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	154,013	154,013
12-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	58,190	58,190
12-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	8,304	8,304
12-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	60,740	60,740
12-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	45,395	45,395
13-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	100,109	100,109
17-Apr-2018	Vanguard Investments Australia Ltd	SELL	2.15	Ordinary	(64,004)	(64,004)
19-Apr-2018	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(42,565)	(42,565)
19-Apr-2018	Vanguard Investments Australia Ltd	SELL	2.18	Ordinary	(167,080)	(167,080)
19-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	36,972	36,972
27-Apr-2018	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	55,528	55,528
2-May-2018	Vanguard Investments Australia Ltd	SELL	2.28	Ordinary	(31,182)	(31,182)
4-May-2018	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	18,486	18,486
8-May-2018	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	65,887	65,887
10-May-2018	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(179,614)	(179,614)
11-May-2018	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(25,746)	(25,746)
11-May-2018	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	1,268,327	1,268,327
11-May-2018	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(1,268,327)	(1,268,327)
17-May-2018	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(237,139)	(237,139)
18-May-2018	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	21,567	21,567
21-May-2018	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(173,252)	(173,252)
22-May-2018	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(9,431)	(9,431)
22-May-2018	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	49,677	49,677
22-May-2018	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	24,648	24,648
23-May-2018	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(41,901)	(41,901)
28-May-2018	Vanguard Investments Australia Ltd	SELL	2.33	Ordinary	(14,885)	(14,885)
29-May-2018	Vanguard Investments Australia Ltd	SELL	2.32	Ordinary	(30,883)	(30,883)
29-May-2018	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	49,677	49,677
29-May-2018	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	110,587	110,587
31-May-2018	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	21,567	21,567
1-Jun-2018	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	92,241	92,241
1-Jun-2018	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	60,897	60,897

This is Annexure A of 21 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature

Date

5-Jun-2018