

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

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

To Company Name/Scheme Arena REIT Limited  
ACN/ARSN 602 365 186

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

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)  
ACN/ARSN (if applicable) N/A

There was a change in the interests of the substantial holder on 21 June 2019

The previous notice was given to the company on 12 April 2017

The previous notice was dated 12 April 2017

**2. Previous and present voting power**

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

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary (Vanguard Group)	18,984,817	8.102%	26,562,449	9.118%

**3. Changes in relevant interests**

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

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

**4. Present relevant interests**

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Group	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of Vanguard Group.	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 19,003,422</b>	19,003,422
Vanguard Group	<b>BNY Mellon</b>	Various funds and other accounts of Vanguard Group.	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 967,897</b>	967,897
Vanguard Group	<b>State Street Bank and Trust Company</b>	Various funds and other accounts of Vanguard Group.	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 3,657,976</b>	3,657,976
Vanguard Group	<b>Various others</b>	Various funds and other accounts of Vanguard Group.	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 2,933,154</b>	2,933,154

**5. Changes in association**

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

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

**6. Addresses**

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

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

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**Signature**

print name SHAWN ACKER capacity MANAGER  
sign here  date 26 June 2019

To Company Arena REIT Limited  
ACN/ARSN 602 365 186

Substantial Holder Name Vanguard Group  
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
21-Apr-17	The Vanguard Group, Inc.	BUY	2.13	Ordinary	15,608	15,608
21-Apr-17	The Vanguard Group, Inc.	BUY	2.13	Ordinary	9,755	9,755
24-Apr-17	The Vanguard Group, Inc.	BUY	2.14	Ordinary	5,853	5,853
24-Apr-17	The Vanguard Group, Inc.	BUY	2.14	Ordinary	21,461	21,461
10-May-17	The Vanguard Group, Inc.	BUY	2.12	Ordinary	9,755	9,755
15-May-17	The Vanguard Group, Inc.	BUY	2.11	Ordinary	11,706	11,706
18-May-17	The Vanguard Group, Inc.	BUY	2.15	Ordinary	7,804	7,804
5-Jun-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	6,344	6,344
5-Jun-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	12,688	12,688
12-Jun-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	19,032	19,032
29-Jun-17	The Vanguard Group, Inc.	BUY	2.29	Ordinary	14,190	14,190
7-Jul-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	3,409	3,409
12-Jul-17	The Vanguard Group, Inc.	BUY	2.09	Ordinary	5,160	5,160
26-Jul-17	The Vanguard Group, Inc.	BUY	2.10	Ordinary	7,740	7,740
31-Jul-17	The Vanguard Group, Inc.	BUY	2.03	Ordinary	132,247	132,247
2-Aug-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	2,580	2,580
3-Aug-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	7,740	7,740
4-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	3,870	3,870
14-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	6,450	6,450
21-Aug-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	7,740	7,740
29-Aug-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	7,740	7,740
31-Aug-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	2,580	2,580
5-Sep-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	3,870	3,870
7-Sep-17	The Vanguard Group, Inc.	BUY	2.25	Ordinary	668	668
13-Sep-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	6,524	6,524
13-Sep-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	1,866	1,866
14-Sep-17	The Vanguard Group, Inc.	BUY	2.26	Ordinary	10,162	10,162
14-Sep-17	The Vanguard Group, Inc.	BUY	2.25	Ordinary	1,290	1,290
14-Sep-17	The Vanguard Group, Inc.	BUY	2.26	Ordinary	2,907	2,907
15-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	176,749	176,749
15-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	50,537	50,537
25-Sep-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	13,832	13,832
27-Sep-17	The Vanguard Group, Inc.	BUY	2.25	Ordinary	2,896	2,896
2-Oct-17	The Vanguard Group, Inc.	BUY	2.29	Ordinary	4,344	4,344
12-Oct-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	11,584	11,584
20-Oct-17	The Vanguard Group, Inc.	BUY	2.24	Ordinary	11,584	11,584
31-Oct-17	The Vanguard Group, Inc.	BUY	2.24	Ordinary	2,896	2,896
31-Oct-17	The Vanguard Group, Inc.	BUY	2.24	Ordinary	8,688	8,688
2-Nov-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	27,109	27,109
2-Nov-17	The Vanguard Group, Inc.	BUY	2.28	Ordinary	5,792	5,792
3-Nov-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	8,688	8,688
13-Nov-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	11,584	11,584
15-Nov-17	The Vanguard Group, Inc.	BUY	2.36	Ordinary	5,792	5,792
16-Nov-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	3,424	3,424
17-Nov-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	226,180	226,180
17-Nov-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	17,280	17,280
20-Nov-17	The Vanguard Group, Inc.	BUY	2.42	Ordinary	14,354	14,354
24-Nov-17	The Vanguard Group, Inc.	BUY	2.49	Ordinary	13,824	13,824
24-Nov-17	The Vanguard Group, Inc.	BUY	2.49	Ordinary	857	857
29-Nov-17	The Vanguard Group, Inc.	BUY	2.52	Ordinary	88,824	88,824
8-Dec-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	4,884	4,884
8-Dec-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	14,652	14,652
15-Dec-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	131,059	131,059
15-Dec-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	25,000	25,000
20-Dec-17	The Vanguard Group, Inc.	SELL	2.31	Ordinary	(2,812)	(2,812)
8-Jan-18	The Vanguard Group, Inc.	BUY	2.27	Ordinary	11,641	11,641
12-Jan-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	15,428	15,428
12-Jan-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	51,235	51,235
18-Jan-18	The Vanguard Group, Inc.	BUY	2.18	Ordinary	14,967	14,967
19-Jan-18	The Vanguard Group, Inc.	BUY	2.18	Ordinary	6,652	6,652

## 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-18	The Vanguard Group, Inc.	BUY	2.16	Ordinary	9,978	9,978
24-Jan-18	The Vanguard Group, Inc.	BUY	2.18	Ordinary	3,326	3,326
26-Jan-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	13,304	13,304
2-Feb-18	The Vanguard Group, Inc.	BUY	2.30	Ordinary	13,304	13,304
5-Feb-18	The Vanguard Group, Inc.	BUY	2.22	Ordinary	6,652	6,652
14-Feb-18	The Vanguard Group, Inc.	BUY	2.27	Ordinary	1,375	1,375
20-Feb-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	4,989	4,989
5-Mar-18	The Vanguard Group, Inc.	SELL	2.26	Ordinary	(14,967)	(14,967)
15-Mar-18	The Vanguard Group, Inc.	BUY	2.29	Ordinary	6,652	6,652
16-Mar-18	The Vanguard Group, Inc.	BUY	2.33	Ordinary	66,688	66,688
16-Mar-18	The Vanguard Group, Inc.	BUY	2.34	Ordinary	1,661	1,661
16-Mar-18	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(310)	(310)
23-Mar-18	The Vanguard Group, Inc.	BUY	2.22	Ordinary	5,121	5,121
3-Apr-18	The Vanguard Group, Inc.	BUY	2.18	Ordinary	330,368	330,368
10-Apr-18	The Vanguard Group, Inc.	BUY	2.18	Ordinary	11,949	11,949
12-Apr-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	5,121	5,121
16-Apr-18	The Vanguard Group, Inc.	BUY	2.20	Ordinary	11,949	11,949
2-May-18	The Vanguard Group, Inc.	BUY	2.20	Ordinary	11,949	11,949
2-May-18	The Vanguard Group, Inc.	BUY	2.20	Ordinary	6,828	6,828
5-Jun-18	The Vanguard Group, Inc.	BUY	2.23	Ordinary	5,121	5,121
15-Jun-18	The Vanguard Group, Inc.	BUY	2.27	Ordinary	28,109	28,109
18-Jun-18	The Vanguard Group, Inc.	BUY	2.28	Ordinary	26,460	26,460
18-Jun-18	The Vanguard Group, Inc.	BUY	2.28	Ordinary	5,292	5,292
18-Jun-18	The Vanguard Group, Inc.	BUY	2.26	Ordinary	8,203	8,203
9-Jul-18	The Vanguard Group, Inc.	BUY	2.18	Ordinary	4,257	4,257
18-Jul-18	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(10,380)	(10,380)
7-Aug-18	The Vanguard Group, Inc.	BUY	2.26	Ordinary	182,728	182,728
8-Aug-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	33,286	33,286
9-Aug-18	The Vanguard Group, Inc.	BUY	2.20	Ordinary	25,666	25,666
9-Aug-18	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(12,110)	(12,110)
10-Aug-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	11,791	11,791
13-Aug-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	44,648	44,648
11-Sep-18	The Vanguard Group, Inc.	BUY	2.35	Ordinary	13,840	13,840
21-Sep-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	19,915	19,915
24-Sep-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	14,198	14,198
25-Sep-18	The Vanguard Group, Inc.	BUY	2.40	Ordinary	53,658	53,658
26-Sep-18	The Vanguard Group, Inc.	BUY	2.40	Ordinary	3,465	3,465
12-Oct-18	The Vanguard Group, Inc.	SELL	2.32	Ordinary	(13,888)	(13,888)
23-Oct-18	The Vanguard Group, Inc.	SELL	2.33	Ordinary	(5,208)	(5,208)
23-Oct-18	The Vanguard Group, Inc.	SELL	2.33	Ordinary	(13,888)	(13,888)
29-Oct-18	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(6,944)	(6,944)
29-Oct-18	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(6,944)	(6,944)
31-Oct-18	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(5,208)	(5,208)
31-Oct-18	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(22,568)	(22,568)
14-Nov-18	The Vanguard Group, Inc.	BUY	2.30	Ordinary	56,123	56,123
15-Nov-18	The Vanguard Group, Inc.	BUY	2.30	Ordinary	2,914	2,914
5-Dec-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	250	250
5-Dec-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	13,316	13,316
6-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	17,819	17,819
7-Dec-18	The Vanguard Group, Inc.	BUY	2.46	Ordinary	78,091	78,091
10-Dec-18	The Vanguard Group, Inc.	BUY	2.44	Ordinary	13,371	13,371
11-Dec-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	6,484	6,484
12-Dec-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	4,329	4,329
19-Dec-18	The Vanguard Group, Inc.	SELL	2.54	Ordinary	(8,658)	(8,658)
21-Dec-18	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(64,509)	(64,509)
21-Dec-18	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(940)	(940)
28-Dec-18	The Vanguard Group, Inc.	BUY	2.50	Ordinary	58,079	58,079
31-Dec-18	The Vanguard Group, Inc.	BUY	2.45	Ordinary	44,999	44,999
2-Jan-19	The Vanguard Group, Inc.	BUY	2.48	Ordinary	20,112	20,112
2-Jan-19	The Vanguard Group, Inc.	BUY	2.48	Ordinary	30,168	30,168
2-Jan-19	The Vanguard Group, Inc.	BUY	2.48	Ordinary	10,056	10,056
3-Jan-19	The Vanguard Group, Inc.	BUY	2.46	Ordinary	7,542	7,542
4-Jan-19	The Vanguard Group, Inc.	BUY	2.44	Ordinary	2,514	2,514
10-Jan-19	The Vanguard Group, Inc.	BUY	2.45	Ordinary	3,258	3,258
11-Jan-19	The Vanguard Group, Inc.	BUY	2.44	Ordinary	6,516	6,516
15-Jan-19	The Vanguard Group, Inc.	SELL	2.44	Ordinary	(1,629)	(1,629)
16-Jan-19	The Vanguard Group, Inc.	SELL	2.46	Ordinary	(32,580)	(32,580)

## 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-Jan-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(10,056)	(10,056)
1-Feb-19	The Vanguard Group, Inc.	SELL	2.68	Ordinary	(6,516)	(6,516)
1-Feb-19	The Vanguard Group, Inc.	SELL	2.68	Ordinary	(8,145)	(8,145)
1-Feb-19	The Vanguard Group, Inc.	SELL	2.68	Ordinary	(12,570)	(12,570)
1-Feb-19	The Vanguard Group, Inc.	SELL	2.68	Ordinary	(10,056)	(10,056)
7-Feb-19	The Vanguard Group, Inc.	SELL	2.69	Ordinary	(10,056)	(10,056)
8-Feb-19	The Vanguard Group, Inc.	SELL	2.72	Ordinary	(7,542)	(7,542)
13-Feb-19	The Vanguard Group, Inc.	SELL	2.75	Ordinary	(17,598)	(17,598)
15-Feb-19	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(2,312)	(2,312)
15-Feb-19	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(48,805)	(48,805)
15-Feb-19	The Vanguard Group, Inc.	SELL	2.72	Ordinary	(10,056)	(10,056)
22-Feb-19	The Vanguard Group, Inc.	SELL	2.59	Ordinary	(12,570)	(12,570)
25-Feb-19	The Vanguard Group, Inc.	BUY	2.62	Ordinary	1,629	1,629
25-Feb-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(5,028)	(5,028)
25-Feb-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(5,028)	(5,028)
25-Feb-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(7,542)	(7,542)
1-Mar-19	The Vanguard Group, Inc.	BUY	2.62	Ordinary	4,887	4,887
5-Mar-19	The Vanguard Group, Inc.	BUY	2.74	Ordinary	8,145	8,145
15-Mar-19	The Vanguard Group, Inc.	BUY	2.70	Ordinary	79,618	79,618
15-Mar-19	The Vanguard Group, Inc.	BUY	2.68	Ordinary	7	7
27-Mar-19	The Vanguard Group, Inc.	BUY	2.79	Ordinary	6,412	6,412
27-Mar-19	The Vanguard Group, Inc.	SELL	2.79	Ordinary	(8,394)	(8,394)
5-Apr-19	The Vanguard Group, Inc.	BUY	2.75	Ordinary	1,603	1,603
5-Apr-19	The Vanguard Group, Inc.	BUY	2.75	Ordinary	4,809	4,809
16-Apr-19	The Vanguard Group, Inc.	BUY	2.78	Ordinary	29,854	29,854
16-Apr-19	The Vanguard Group, Inc.	BUY	2.79	Ordinary	14,112	14,112
26-Apr-19	The Vanguard Group, Inc.	BUY	2.84	Ordinary	2,352	2,352
26-Apr-19	The Vanguard Group, Inc.	BUY	2.84	Ordinary	7,056	7,056
29-Apr-19	The Vanguard Group, Inc.	BUY	2.86	Ordinary	21,145	21,145
29-Apr-19	The Vanguard Group, Inc.	BUY	2.84	Ordinary	2,808	2,808
30-Apr-19	The Vanguard Group, Inc.	BUY	2.88	Ordinary	30,909	30,909
1-May-19	The Vanguard Group, Inc.	SELL	2.92	Ordinary	(58,435)	(58,435)
1-May-19	The Vanguard Group, Inc.	BUY	2.93	Ordinary	25,652	25,652
7-May-19	The Vanguard Group, Inc.	BUY	2.78	Ordinary	8,948	8,948
8-May-19	The Vanguard Group, Inc.	BUY	2.69	Ordinary	5,616	5,616
9-May-19	The Vanguard Group, Inc.	BUY	2.73	Ordinary	5,828	5,828
22-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	18,188	18,188
22-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	255,056	255,056
22-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	111,707	111,707
22-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	7,791	7,791
22-May-19	The Vanguard Group, Inc.	BUY	2.68	Ordinary	5,616	5,616
22-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	114,531	114,531
22-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	52,121	52,121
27-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	209	209
27-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	809	809
27-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	34	34
28-May-19	The Vanguard Group, Inc.	BUY	2.67	Ordinary	6,818	6,818
29-May-19	The Vanguard Group, Inc.	BUY	2.72	Ordinary	40,179	40,179
4-Jun-19	The Vanguard Group, Inc.	BUY	2.77	Ordinary	40,179	40,179
12-Jun-19	The Vanguard Group, Inc.	BUY	2.84	Ordinary	3,377	3,377
18-Jun-19	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(19,281)	(19,281)
21-Jun-19	The Vanguard Group, Inc.	BUY	2.87	Ordinary	167,956	167,956
21-Jun-19	The Vanguard Group, Inc.	BUY	2.87	Ordinary	321,171	321,171
21-Jun-19	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(184,548)	(184,548)
11-Apr-17	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	6,140	6,140
12-Apr-17	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(17,934)	(17,934)
21-Apr-17	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	2,720	2,720
28-Apr-17	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	15,350	15,350
1-May-17	Vanguard Investments Australia Ltd	SELL	2.12	Ordinary	(3,962)	(3,962)
5-May-17	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	3,070	3,070
8-May-17	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	18,043	18,043
10-May-17	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	6,140	6,140
12-May-17	Vanguard Investments Australia Ltd	BUY	2.12	Ordinary	9,210	9,210
17-May-17	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	6,140	6,140
19-May-17	Vanguard Investments Australia Ltd	SELL	2.16	Ordinary	(6,856)	(6,856)
23-May-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	6,140	6,140
25-May-17	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(8,551)	(8,551)

## 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-May-17	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	12,280	12,280
1-Jun-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	24,016	24,016
2-Jun-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	6,140	6,140
8-Jun-17	Vanguard Investments Australia Ltd	SELL	2.22	Ordinary	(5,801)	(5,801)
13-Jun-17	Vanguard Investments Australia Ltd	SELL	2.22	Ordinary	(4,110)	(4,110)
15-Jun-17	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	15,350	15,350
16-Jun-17	Vanguard Investments Australia Ltd	SELL	2.32	Ordinary	(12,572)	(12,572)
16-Jun-17	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	6,140	6,140
16-Jun-17	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	59,087	59,087
20-Jun-17	Vanguard Investments Australia Ltd	SELL	2.33	Ordinary	(8,124)	(8,124)
21-Jun-17	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	6,136	6,136
22-Jun-17	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(46,049)	(46,049)
27-Jun-17	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	9,204	9,204
29-Jun-17	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	18,828	18,828
30-Jun-17	Vanguard Investments Australia Ltd	SELL	2.24	Ordinary	(94,217)	(94,217)
5-Jul-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	3,069	3,069
5-Jul-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	6,138	6,138
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	29,974	29,974
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	61,380	61,380
6-Jul-17	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(145,344)	(145,344)
11-Jul-17	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(10,936)	(10,936)
11-Jul-17	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	9,207	9,207
11-Jul-17	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(18,433)	(18,433)
13-Jul-17	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(30,845)	(30,845)
13-Jul-17	Vanguard Investments Australia Ltd	BUY	2.08	Ordinary	30,412	30,412
13-Jul-17	Vanguard Investments Australia Ltd	BUY	2.08	Ordinary	3,069	3,069
13-Jul-17	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(36,454)	(36,454)
17-Jul-17	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(64,156)	(64,156)
17-Jul-17	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	9,207	9,207
17-Jul-17	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(63,847)	(63,847)
18-Jul-17	Vanguard Investments Australia Ltd	SELL	2.11	Ordinary	(18,733)	(18,733)
20-Jul-17	Vanguard Investments Australia Ltd	SELL	2.12	Ordinary	(21,254)	(21,254)
20-Jul-17	Vanguard Investments Australia Ltd	BUY	2.11	Ordinary	9,207	9,207
20-Jul-17	Vanguard Investments Australia Ltd	SELL	2.12	Ordinary	(23,538)	(23,538)
24-Jul-17	Vanguard Investments Australia Ltd	BUY	2.13	Ordinary	27,621	27,621
25-Jul-17	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(32,106)	(32,106)
25-Jul-17	Vanguard Investments Australia Ltd	SELL	2.08	Ordinary	(18,414)	(18,414)
25-Jul-17	Vanguard Investments Australia Ltd	SELL	2.10	Ordinary	(30,000)	(30,000)
27-Jul-17	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(84,589)	(84,589)
27-Jul-17	Vanguard Investments Australia Ltd	SELL	2.09	Ordinary	(56,055)	(56,055)
27-Jul-17	Vanguard Investments Australia Ltd	BUY	2.09	Ordinary	74,339	74,339
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	657	657
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	11,262	11,262
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	9,242	9,242
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	97,724	97,724
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	38,512	38,512
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	80,955	80,955
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	6,896	6,896
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	1,053,537	1,053,537
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.03	Ordinary	182,164	182,164
4-Aug-17	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(65,512)	(65,512)
8-Aug-17	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(30,882)	(30,882)
9-Aug-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	3,448	3,448
9-Aug-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	10,344	10,344
22-Aug-17	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	5,334	5,334
22-Aug-17	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	5,872	5,872
25-Aug-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	10,404	10,404
29-Aug-17	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	11,296	11,296
30-Aug-17	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	91,880	91,880
31-Aug-17	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	2,827	2,827
1-Sep-17	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	10,404	10,404
5-Sep-17	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	39,541	39,541
14-Sep-17	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	3,468	3,468
15-Sep-17	Vanguard Investments Australia Ltd	BUY	2.26	Ordinary	10,404	10,404
15-Sep-17	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	28,259	28,259
15-Sep-17	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	47,001	47,001
19-Sep-17	Vanguard Investments Australia Ltd	SELL	2.26	Ordinary	(6,384)	(6,384)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-Sep-17	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	17,395	17,395
3-Oct-17	Vanguard Investments Australia Ltd	SELL	2.22	Ordinary	(6,369)	(6,369)
3-Oct-17	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	10,392	10,392
12-Oct-17	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	6,928	6,928
27-Oct-17	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	10,392	10,392
1-Nov-17	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	25,703	25,703
6-Nov-17	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	10,392	10,392
15-Nov-17	Vanguard Investments Australia Ltd	BUY	2.36	Ordinary	6,928	6,928
16-Nov-17	Vanguard Investments Australia Ltd	SELL	2.36	Ordinary	(5,428)	(5,428)
22-Nov-17	Vanguard Investments Australia Ltd	BUY	2.40	Ordinary	13,856	13,856
29-Nov-17	Vanguard Investments Australia Ltd	SELL	2.50	Ordinary	(13,856)	(13,856)
4-Dec-17	Vanguard Investments Australia Ltd	SELL	2.44	Ordinary	(36,041)	(36,041)
5-Dec-17	Vanguard Investments Australia Ltd	SELL	2.42	Ordinary	(6,351)	(6,351)
5-Dec-17	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	10,392	10,392
5-Dec-17	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	6,928	6,928
5-Dec-17	Vanguard Investments Australia Ltd	SELL	2.34	Ordinary	(37,504)	(37,504)
6-Dec-17	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	24,832	24,832
11-Dec-17	Vanguard Investments Australia Ltd	SELL	2.33	Ordinary	(5,382)	(5,382)
19-Dec-17	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	34,610	34,610
19-Dec-17	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	6,922	6,922
27-Dec-17	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	34,610	34,610
28-Dec-17	Vanguard Investments Australia Ltd	BUY	2.29	Ordinary	2,624	2,624
28-Dec-17	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(70,260)	(70,260)
4-Jan-18	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	28,790	28,790
8-Jan-18	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	7,012	7,012
16-Jan-18	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	7,012	7,012
23-Jan-18	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	14,093	14,093
25-Jan-18	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	7,012	7,012
31-Jan-18	Vanguard Investments Australia Ltd	SELL	2.29	Ordinary	(8,679)	(8,679)
2-Feb-18	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	7,012	7,012
8-Feb-18	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	6,840	6,840
13-Feb-18	Vanguard Investments Australia Ltd	SELL	2.20	Ordinary	(21,036)	(21,036)
26-Feb-18	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	9,178	9,178
26-Feb-18	Vanguard Investments Australia Ltd	BUY	2.35	Ordinary	7,012	7,012
26-Feb-18	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	34,443	34,443
27-Feb-18	Vanguard Investments Australia Ltd	BUY	2.34	Ordinary	29,128	29,128
21-Mar-18	Vanguard Investments Australia Ltd	SELL	2.25	Ordinary	(49,686)	(49,686)
29-Mar-18	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(36,746)	(36,746)
5-Apr-18	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(5,006)	(5,006)
19-Apr-18	Vanguard Investments Australia Ltd	SELL	2.19	Ordinary	(10,856)	(10,856)
22-May-18	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	3,496	3,496
28-May-18	Vanguard Investments Australia Ltd	SELL	2.16	Ordinary	(5,092)	(5,092)
29-May-18	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	3,496	3,496
4-Jun-18	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	21,064	21,064
4-Jun-18	Vanguard Investments Australia Ltd	BUY	2.19	Ordinary	101,874	101,874
6-Jun-18	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	13,984	13,984
15-Jun-18	Vanguard Investments Australia Ltd	SELL	2.27	Ordinary	(42,277)	(42,277)
15-Jun-18	Vanguard Investments Australia Ltd	BUY	2.27	Ordinary	75,334	75,334
28-Jun-18	Vanguard Investments Australia Ltd	BUY	2.16	Ordinary	34,164	34,164
29-Jun-18	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	7,140	7,140
5-Jul-18	Vanguard Investments Australia Ltd	BUY	2.15	Ordinary	3,570	3,570
6-Jul-18	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	11,524	11,524
6-Jul-18	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	7,140	7,140
16-Jul-18	Vanguard Investments Australia Ltd	BUY	2.18	Ordinary	7,140	7,140
18-Jul-18	Vanguard Investments Australia Ltd	BUY	2.17	Ordinary	7,140	7,140
26-Jul-18	Vanguard Investments Australia Ltd	BUY	2.22	Ordinary	6,998	6,998
27-Jul-18	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	20,037	20,037
3-Aug-18	Vanguard Investments Australia Ltd	BUY	2.24	Ordinary	13,996	13,996
9-Aug-18	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	6,998	6,998
13-Aug-18	Vanguard Investments Australia Ltd	BUY	2.20	Ordinary	41,282	41,282
15-Aug-18	Vanguard Investments Australia Ltd	SELL	2.21	Ordinary	(9,211)	(9,211)
15-Aug-18	Vanguard Investments Australia Ltd	BUY	2.21	Ordinary	7,146	7,146
23-Aug-18	Vanguard Investments Australia Ltd	BUY	2.23	Ordinary	7,146	7,146
29-Aug-18	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	5,910	5,910
30-Aug-18	Vanguard Investments Australia Ltd	BUY	2.32	Ordinary	36,096	36,096
4-Sep-18	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	7,146	7,146
10-Sep-18	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	7,122	7,122

## Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Sep-18	Vanguard Investments Australia Ltd	BUY	2.33	Ordinary	14,244	14,244
19-Sep-18	Vanguard Investments Australia Ltd	BUY	2.42	Ordinary	7,122	7,122
21-Sep-18	Vanguard Investments Australia Ltd	BUY	2.38	Ordinary	20,414	20,414
21-Sep-18	Vanguard Investments Australia Ltd	BUY	2.39	Ordinary	18,095	18,095
26-Sep-18	Vanguard Investments Australia Ltd	BUY	2.40	Ordinary	7,132	7,132
3-Oct-18	Vanguard Investments Australia Ltd	BUY	2.44	Ordinary	14,216	14,216
3-Oct-18	Vanguard Investments Australia Ltd	BUY	2.43	Ordinary	6,632	6,632
4-Oct-18	Vanguard Investments Australia Ltd	BUY	2.37	Ordinary	7,108	7,108
4-Oct-18	Vanguard Investments Australia Ltd	SELL	2.38	Ordinary	(9,265)	(9,265)
15-Oct-18	Vanguard Investments Australia Ltd	BUY	2.36	Ordinary	10,662	10,662
25-Oct-18	Vanguard Investments Australia Ltd	BUY	2.28	Ordinary	7,064	7,064
29-Oct-18	Vanguard Investments Australia Ltd	SELL	2.23	Ordinary	(5,786)	(5,786)
31-Oct-18	Vanguard Investments Australia Ltd	SELL	2.17	Ordinary	(17,660)	(17,660)
2-Nov-18	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	7,064	7,064
2-Nov-18	Vanguard Investments Australia Ltd	BUY	2.14	Ordinary	10,596	10,596
9-Nov-18	Vanguard Investments Australia Ltd	BUY	2.25	Ordinary	7,072	7,072
23-Nov-18	Vanguard Investments Australia Ltd	SELL	2.30	Ordinary	(18,916)	(18,916)
23-Nov-18	Vanguard Investments Australia Ltd	BUY	2.30	Ordinary	8,597	8,597
29-Nov-18	Vanguard Investments Australia Ltd	SELL	2.38	Ordinary	(714)	(714)
29-Nov-18	Vanguard Investments Australia Ltd	SELL	2.38	Ordinary	(3,101)	(3,101)
30-Nov-18	Vanguard Investments Australia Ltd	BUY	2.40	Ordinary	7,048	7,048
3-Dec-18	Vanguard Investments Australia Ltd	BUY	2.41	Ordinary	7,187	7,187
4-Dec-18	Vanguard Investments Australia Ltd	BUY	2.39	Ordinary	183,365	183,365
6-Dec-18	Vanguard Investments Australia Ltd	BUY	2.44	Ordinary	7,206	7,206
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	10,815	10,815
19-Dec-18	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	38,595	38,595
20-Dec-18	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	7,210	7,210
20-Dec-18	Vanguard Investments Australia Ltd	BUY	2.58	Ordinary	54,490	54,490
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	55,380	55,380
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	15,161	15,161
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	80,130	80,130
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	141,845	141,845
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	48,565	48,565
9-Jan-19	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	7,404	7,404
11-Jan-19	Vanguard Investments Australia Ltd	SELL	2.45	Ordinary	(8,931)	(8,931)
22-Jan-19	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	11,106	11,106
23-Jan-19	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	3,702	3,702
4-Feb-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	7,402	7,402
13-Feb-19	Vanguard Investments Australia Ltd	BUY	2.74	Ordinary	35,412	35,412
14-Feb-19	Vanguard Investments Australia Ltd	SELL	2.68	Ordinary	(7,219)	(7,219)
14-Feb-19	Vanguard Investments Australia Ltd	BUY	2.68	Ordinary	11,103	11,103
26-Feb-19	Vanguard Investments Australia Ltd	BUY	2.63	Ordinary	3,701	3,701
27-Feb-19	Vanguard Investments Australia Ltd	BUY	2.63	Ordinary	7,177	7,177
27-Feb-19	Vanguard Investments Australia Ltd	BUY	2.63	Ordinary	36,154	36,154
28-Feb-19	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	371	371
28-Feb-19	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	11,103	11,103
28-Feb-19	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	1,873	1,873
15-Mar-19	Vanguard Investments Australia Ltd	BUY	2.71	Ordinary	3,701	3,701
15-Mar-19	Vanguard Investments Australia Ltd	BUY	2.68	Ordinary	10	10
15-Mar-19	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	103,603	103,603
19-Mar-19	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	11,214	11,214
26-Mar-19	Vanguard Investments Australia Ltd	SELL	2.80	Ordinary	(3,560)	(3,560)
29-Mar-19	Vanguard Investments Australia Ltd	SELL	2.75	Ordinary	(11,948)	(11,948)
4-Apr-19	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	3,722	3,722
5-Apr-19	Vanguard Investments Australia Ltd	BUY	2.75	Ordinary	11,166	11,166
8-Apr-19	Vanguard Investments Australia Ltd	BUY	2.74	Ordinary	3,722	3,722
9-Apr-19	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	61,364	61,364
10-Apr-19	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	3,718	3,718
12-Apr-19	Vanguard Investments Australia Ltd	SELL	2.77	Ordinary	(15,487)	(15,487)
15-Apr-19	Vanguard Investments Australia Ltd	SELL	2.78	Ordinary	(7,331)	(7,331)
15-Apr-19	Vanguard Investments Australia Ltd	BUY	2.78	Ordinary	7,434	7,434
29-Apr-19	Vanguard Investments Australia Ltd	BUY	2.84	Ordinary	11,151	11,151
29-Apr-19	Vanguard Investments Australia Ltd	BUY	2.84	Ordinary	7,434	7,434
1-May-19	Vanguard Investments Australia Ltd	BUY	2.92	Ordinary	5,458	5,458
1-May-19	Vanguard Investments Australia Ltd	BUY	2.93	Ordinary	38,143	38,143
3-May-19	Vanguard Investments Australia Ltd	SELL	2.85	Ordinary	(16,337)	(16,337)
9-May-19	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	11,151	11,151



## Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-May-19	Vanguard Investments Australia Ltd	BUY	2.78	Ordinary	44,268	44,268
14-May-19	Vanguard Investments Australia Ltd	SELL	2.72	Ordinary	(2,244)	(2,244)
14-May-19	Vanguard Investments Australia Ltd	BUY	2.71	Ordinary	7,378	7,378
22-May-19	Vanguard Investments Australia Ltd	BUY	2.68	Ordinary	14,756	14,756
24-May-19	Vanguard Investments Australia Ltd	BUY	2.76	Ordinary	7,376	7,376
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	7,496	7,496
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	6,330	6,330
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	73,403	73,403
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	29,582	29,582
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	69,771	69,771
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	774,652	774,652
27-May-19	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	150,545	150,545
29-May-19	Vanguard Investments Australia Ltd	BUY	2.72	Ordinary	11,853	11,853
30-May-19	Vanguard Investments Australia Ltd	SELL	2.74	Ordinary	(4,274)	(4,274)
30-May-19	Vanguard Investments Australia Ltd	BUY	2.74	Ordinary	7,854	7,854
30-May-19	Vanguard Investments Australia Ltd	SELL	2.74	Ordinary	(80,255)	(80,255)
4-Jun-19	Vanguard Investments Australia Ltd	SELL	2.77	Ordinary	(7,401)	(7,401)
6-Jun-19	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	7,856	7,856
6-Jun-19	Vanguard Investments Australia Ltd	SELL	2.73	Ordinary	(6,542)	(6,542)
7-Jun-19	Vanguard Investments Australia Ltd	BUY	2.76	Ordinary	42,203	42,203
11-Jun-19	Vanguard Investments Australia Ltd	BUY	2.81	Ordinary	15,708	15,708
12-Jun-19	Vanguard Investments Australia Ltd	BUY	2.84	Ordinary	28,087	28,087
14-Jun-19	Vanguard Investments Australia Ltd	BUY	2.87	Ordinary	11,784	11,784
20-Jun-19	Vanguard Investments Australia Ltd	BUY	2.87	Ordinary	11,784	11,784
21-Jun-19	Vanguard Investments Australia Ltd	BUY	2.87	Ordinary	16,704	16,704
21-Jun-19	Vanguard Investments Australia Ltd	BUY	2.87	Ordinary	31,940	31,940
21-Jun-19	Vanguard Investments Australia Ltd	BUY	2.87	Ordinary	15,712	15,712

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

Signature:



Name:

Shawn Acker

Capacity:

Compliance Manager

Date:

26-Jun-19