

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme
ACN/ARSNCenturia Industrial REIT
099 680 252**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

3 August 2020

The previous notice was given to the company on

2 June 2017

The previous notice was dated

2 June 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	14,012,713	6.611%	30,573,781	7.638 %

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	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 141,797	141,797
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 1,284,713	1,284,713
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 24,533,930	24,533,930
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 134,610	134,610
Vanguard Group	Various others	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 4,478,731	4,478,731

5. Changes in association

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

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


6. Addresses

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

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

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 6 August 2020

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
 - (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
 - (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
 - (4) The voting shares of a company constitute one class unless divided into separate classes.
 - (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
 - (6) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).
- See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
 - (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
 - (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company
ACN/ARSN Centuria Industrial REIT
099 680 252

Substantial Holder Name
ACN/ARSN The Vanguard Group, Inc.
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
16-Jun-17	The Vanguard Group, Inc.	BUY	2.61	Ordinary	78,073	78,073
19-Jun-17	The Vanguard Group, Inc.	BUY	2.61	Ordinary	26,245	26,245
30-Jun-17	The Vanguard Group, Inc.	BUY	2.45	Ordinary	2,502	2,502
9-Aug-17	The Vanguard Group, Inc.	BUY	2.47	Ordinary	37,594	37,594
10-Aug-17	The Vanguard Group, Inc.	BUY	2.48	Ordinary	60,472	60,472
11-Aug-17	The Vanguard Group, Inc.	BUY	2.48	Ordinary	29,132	29,132
11-Aug-17	The Vanguard Group, Inc.	BUY	2.48	Ordinary	2,650	2,650
14-Aug-17	The Vanguard Group, Inc.	BUY	2.47	Ordinary	36,182	36,182
7-Sep-17	The Vanguard Group, Inc.	BUY	2.58	Ordinary	587	587
12-Sep-17	The Vanguard Group, Inc.	BUY	2.54	Ordinary	10,144	10,144
13-Sep-17	The Vanguard Group, Inc.	BUY	2.55	Ordinary	9,030	9,030
15-Sep-17	The Vanguard Group, Inc.	BUY	2.52	Ordinary	224,776	224,776
2-Nov-17	The Vanguard Group, Inc.	BUY	2.58	Ordinary	21,183	21,183
30-Nov-17	The Vanguard Group, Inc.	BUY	2.70	Ordinary	859	859
15-Dec-17	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(95,181)	(95,181)
15-Dec-17	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(43,010)	(43,010)
10-Jan-18	The Vanguard Group, Inc.	BUY	2.52	Ordinary	19,074	19,074
16-Mar-18	The Vanguard Group, Inc.	BUY	2.54	Ordinary	77,434	77,434
16-Mar-18	The Vanguard Group, Inc.	SELL	2.54	Ordinary	(14,034)	(14,034)
16-Mar-18	The Vanguard Group, Inc.	BUY	2.55	Ordinary	1,211	1,211
16-Mar-18	The Vanguard Group, Inc.	SELL	2.55	Ordinary	(253)	(253)
9-May-18	The Vanguard Group, Inc.	BUY	2.55	Ordinary	23,904	23,904
10-May-18	The Vanguard Group, Inc.	BUY	2.56	Ordinary	42,336	42,336
15-May-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	101,094	101,094
16-May-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	53,579	53,579
6-Jun-18	The Vanguard Group, Inc.	BUY	2.58	Ordinary	25,000	25,000
7-Jun-18	The Vanguard Group, Inc.	BUY	2.58	Ordinary	13,536	13,536
8-Jun-18	The Vanguard Group, Inc.	BUY	2.57	Ordinary	18,101	18,101
12-Jun-18	The Vanguard Group, Inc.	BUY	2.58	Ordinary	38,866	38,866
13-Jun-18	The Vanguard Group, Inc.	BUY	2.57	Ordinary	6,398	6,398
14-Jun-18	The Vanguard Group, Inc.	BUY	2.59	Ordinary	17,814	17,814
15-Jun-18	The Vanguard Group, Inc.	BUY	2.60	Ordinary	58,604	58,604
15-Jun-18	The Vanguard Group, Inc.	BUY	2.60	Ordinary	28,224	28,224
18-Jun-18	The Vanguard Group, Inc.	BUY	2.60	Ordinary	15,281	15,281
11-Sep-18	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(53,429)	(53,429)
11-Sep-18	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(36,343)	(36,343)
13-Sep-18	The Vanguard Group, Inc.	SELL	2.99	Ordinary	(5,289)	(5,289)
18-Sep-18	The Vanguard Group, Inc.	BUY	2.96	Ordinary	121,650	121,650
19-Sep-18	The Vanguard Group, Inc.	BUY	2.96	Ordinary	133,092	133,092
21-Sep-18	The Vanguard Group, Inc.	SELL	2.85	Ordinary	(53,429)	(53,429)
21-Sep-18	The Vanguard Group, Inc.	SELL	2.85	Ordinary	(36,344)	(36,344)
21-Sep-18	The Vanguard Group, Inc.	BUY	2.85	Ordinary	69,362	69,362
25-Sep-18	The Vanguard Group, Inc.	BUY	2.79	Ordinary	21,519	21,519
26-Sep-18	The Vanguard Group, Inc.	BUY	2.81	Ordinary	147,993	147,993
5-Dec-18	The Vanguard Group, Inc.	BUY	2.87	Ordinary	32,058	32,058
5-Dec-18	The Vanguard Group, Inc.	BUY	2.87	Ordinary	37,101	37,101
6-Dec-18	The Vanguard Group, Inc.	BUY	2.85	Ordinary	81,876	81,876
7-Dec-18	The Vanguard Group, Inc.	BUY	2.86	Ordinary	20,726	20,726
21-Dec-18	The Vanguard Group, Inc.	BUY	2.86	Ordinary	45,352	45,352
24-Dec-18	The Vanguard Group, Inc.	BUY	2.85	Ordinary	10,669	10,669
27-Dec-18	The Vanguard Group, Inc.	BUY	2.83	Ordinary	6,309	6,309
7-May-19	The Vanguard Group, Inc.	BUY	3.05	Ordinary	7,473	7,473
15-May-19	The Vanguard Group, Inc.	BUY	3.01	Ordinary	14,115	14,115
6-Jun-19	The Vanguard Group, Inc.	SELL	3.15	Ordinary	(12,456)	(12,456)
7-Jun-19	The Vanguard Group, Inc.	SELL	3.18	Ordinary	(17,840)	(17,840)
19-Jun-19	The Vanguard Group, Inc.	BUY	3.02	Ordinary	4,243	4,243
28-Jun-19	The Vanguard Group, Inc.	BUY	3.05	Ordinary	6,601	6,601
11-Jul-19	The Vanguard Group, Inc.	BUY	3.25	Ordinary	11,675	11,675
6-Aug-19	The Vanguard Group, Inc.	BUY	3.16	Ordinary	97,204	97,204
15-Aug-19	The Vanguard Group, Inc.	BUY	3.17	Ordinary	76	76
6-Sep-19	The Vanguard Group, Inc.	BUY	3.41	Ordinary	20,872	20,872
18-Sep-19	The Vanguard Group, Inc.	BUY	3.35	Ordinary	63,141	63,141

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
18-Sep-19	The Vanguard Group, Inc.	BUY	3.35	Ordinary	24,207	24,207
19-Sep-19	The Vanguard Group, Inc.	BUY	3.31	Ordinary	32,825	32,825
19-Sep-19	The Vanguard Group, Inc.	BUY	3.31	Ordinary	12,585	12,585
20-Sep-19	The Vanguard Group, Inc.	BUY	3.29	Ordinary	114,510	114,510
20-Sep-19	The Vanguard Group, Inc.	BUY	3.29	Ordinary	43,897	43,897
20-Sep-19	The Vanguard Group, Inc.	BUY	3.29	Ordinary	239	239
26-Sep-19	The Vanguard Group, Inc.	BUY	3.27	Ordinary	36,822	36,822
27-Sep-19	The Vanguard Group, Inc.	BUY	3.24	Ordinary	18,709	18,709
30-Sep-19	The Vanguard Group, Inc.	BUY	3.23	Ordinary	3,565	3,565
14-Oct-19	The Vanguard Group, Inc.	BUY	3.27	Ordinary	22,205	22,205
1-Nov-19	The Vanguard Group, Inc.	BUY	3.42	Ordinary	275	275
2-Dec-19	The Vanguard Group, Inc.	BUY	3.64	Ordinary	19,656	19,656
18-Dec-19	The Vanguard Group, Inc.	BUY	3.45	Ordinary	64,736	64,736
18-Dec-19	The Vanguard Group, Inc.	BUY	3.45	Ordinary	5,708	5,708
19-Dec-19	The Vanguard Group, Inc.	BUY	3.41	Ordinary	10,687	10,687
19-Dec-19	The Vanguard Group, Inc.	BUY	3.45	Ordinary	7,807	7,807
19-Dec-19	The Vanguard Group, Inc.	BUY	3.46	Ordinary	84,743	84,743
19-Dec-19	The Vanguard Group, Inc.	BUY	3.45	Ordinary	689	689
19-Dec-19	The Vanguard Group, Inc.	BUY	3.46	Ordinary	7,471	7,471
20-Dec-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	34,654	34,654
20-Dec-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	274,295	274,295
20-Dec-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	24,181	24,181
20-Dec-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	97	97
23-Dec-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	4,212	4,212
23-Dec-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	19,656	19,656
24-Dec-19	The Vanguard Group, Inc.	BUY	3.42	Ordinary	8,424	8,424
26-Dec-19	The Vanguard Group, Inc.	BUY	3.42	Ordinary	21,060	21,060
9-Jan-20	The Vanguard Group, Inc.	BUY	3.54	Ordinary	25,272	25,272
15-Jan-20	The Vanguard Group, Inc.	BUY	3.62	Ordinary	11,232	11,232
16-Jan-20	The Vanguard Group, Inc.	BUY	3.65	Ordinary	12,636	12,636
17-Jan-20	The Vanguard Group, Inc.	BUY	3.65	Ordinary	11,232	11,232
17-Jan-20	The Vanguard Group, Inc.	BUY	3.65	Ordinary	12,636	12,636
22-Jan-20	The Vanguard Group, Inc.	BUY	3.64	Ordinary	8,424	8,424
23-Jan-20	The Vanguard Group, Inc.	BUY	3.68	Ordinary	88,035	88,035
23-Jan-20	The Vanguard Group, Inc.	BUY	3.71	Ordinary	7,020	7,020
31-Jan-20	The Vanguard Group, Inc.	BUY	3.64	Ordinary	8,424	8,424
31-Jan-20	The Vanguard Group, Inc.	BUY	3.64	Ordinary	8,424	8,424
5-Feb-20	The Vanguard Group, Inc.	BUY	3.66	Ordinary	9,828	9,828
5-Feb-20	The Vanguard Group, Inc.	BUY	3.66	Ordinary	26,676	26,676
10-Feb-20	The Vanguard Group, Inc.	BUY	3.65	Ordinary	12,636	12,636
11-Feb-20	The Vanguard Group, Inc.	BUY	3.69	Ordinary	8,424	8,424
13-Feb-20	The Vanguard Group, Inc.	BUY	3.71	Ordinary	18,252	18,252
14-Feb-20	The Vanguard Group, Inc.	BUY	3.68	Ordinary	8,424	8,424
19-Feb-20	The Vanguard Group, Inc.	BUY	3.71	Ordinary	7,020	7,020
21-Feb-20	The Vanguard Group, Inc.	BUY	3.71	Ordinary	11,208	11,208
25-Feb-20	The Vanguard Group, Inc.	BUY	3.75	Ordinary	8,406	8,406
2-Mar-20	The Vanguard Group, Inc.	SELL	3.60	Ordinary	(11,208)	(11,208)
4-Mar-20	The Vanguard Group, Inc.	SELL	3.52	Ordinary	(9,498)	(9,498)
6-Mar-20	The Vanguard Group, Inc.	SELL	3.47	Ordinary	(8,406)	(8,406)
10-Mar-20	The Vanguard Group, Inc.	SELL	3.35	Ordinary	(7,005)	(7,005)
11-Mar-20	The Vanguard Group, Inc.	SELL	3.26	Ordinary	(4,203)	(4,203)
12-Mar-20	The Vanguard Group, Inc.	SELL	2.99	Ordinary	(15,411)	(15,411)
17-Mar-20	The Vanguard Group, Inc.	SELL	2.76	Ordinary	(14,010)	(14,010)
17-Mar-20	The Vanguard Group, Inc.	SELL	2.76	Ordinary	(11,208)	(11,208)
19-Mar-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	7,099	7,099
19-Mar-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	998	998
20-Mar-20	The Vanguard Group, Inc.	BUY	2.78	Ordinary	122,818	122,818
20-Mar-20	The Vanguard Group, Inc.	BUY	2.78	Ordinary	1,212	1,212
24-Mar-20	The Vanguard Group, Inc.	BUY	2.32	Ordinary	7,118	7,118
26-Mar-20	The Vanguard Group, Inc.	BUY	2.73	Ordinary	10,526	10,526
27-Mar-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	8,023	8,023
31-Mar-20	The Vanguard Group, Inc.	BUY	2.76	Ordinary	124,169	124,169
6-Apr-20	The Vanguard Group, Inc.	BUY	2.69	Ordinary	8,070	8,070
8-Apr-20	The Vanguard Group, Inc.	BUY	2.78	Ordinary	4,119	4,119
14-Apr-20	The Vanguard Group, Inc.	BUY	2.62	Ordinary	16,508	16,508
13-May-20	The Vanguard Group, Inc.	BUY	2.60	Ordinary	9,670	9,670
19-Jun-20	The Vanguard Group, Inc.	BUY	3.47	Ordinary	112,278	112,278
19-Jun-20	The Vanguard Group, Inc.	BUY	3.47	Ordinary	162,766	162,766
19-Jun-20	The Vanguard Group, Inc.	BUY	3.47	Ordinary	41,041	41,041

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-20	The Vanguard Group, Inc.	BUY	3.47	Ordinary	4,976	4,976
22-Jun-20	The Vanguard Group, Inc.	BUY	3.41	Ordinary	23,479	23,479
22-Jun-20	The Vanguard Group, Inc.	BUY	3.41	Ordinary	34,036	34,036
22-Jun-20	The Vanguard Group, Inc.	BUY	3.41	Ordinary	8,582	8,582
22-Jun-20	The Vanguard Group, Inc.	BUY	3.41	Ordinary	1,040	1,040
23-Jun-20	The Vanguard Group, Inc.	BUY	3.35	Ordinary	15,020	15,020
23-Jun-20	The Vanguard Group, Inc.	BUY	3.35	Ordinary	21,775	21,775
23-Jun-20	The Vanguard Group, Inc.	BUY	3.35	Ordinary	5,491	5,491
23-Jun-20	The Vanguard Group, Inc.	BUY	3.35	Ordinary	666	666
30-Jun-20	The Vanguard Group, Inc.	BUY	3.25	Ordinary	8,547	8,547
21-Jul-20	The Vanguard Group, Inc.	BUY	3.29	Ordinary	6,854	6,854
1-Jun-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	14,214	14,214
1-Jun-17	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	18,197	18,197
2-Jun-17	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	4,698	4,698
8-Jun-17	Vanguard Investments Australia Ltd	SELL	2.54	Ordinary	(21,874)	(21,874)
9-Jun-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(7,272)	(7,272)
15-Jun-17	Vanguard Investments Australia Ltd	BUY	2.59	Ordinary	11,745	11,745
16-Jun-17	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	4,698	4,698
16-Jun-17	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	38,882	38,882
21-Jun-17	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	4,702	4,702
22-Jun-17	Vanguard Investments Australia Ltd	SELL	2.58	Ordinary	(58,844)	(58,844)
23-Jun-17	Vanguard Investments Australia Ltd	BUY	2.58	Ordinary	2,847	2,847
27-Jun-17	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	7,053	7,053
29-Jun-17	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	14,106	14,106
30-Jun-17	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(56,538)	(56,538)
4-Jul-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(4,663)	(4,663)
5-Jul-17	Vanguard Investments Australia Ltd	BUY	2.53	Ordinary	2,520	2,520
5-Jul-17	Vanguard Investments Australia Ltd	BUY	2.53	Ordinary	5,040	5,040
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	828	828
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	2,007	2,007
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	1,685	1,685
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	17,307	17,307
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	14,491	14,491
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	17,719	17,719
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	12,025	12,025
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	50,400	50,400
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	194,600	194,600
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	4,044	4,044
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	2,443	2,443
6-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	31,300	31,300
11-Jul-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(2,926)	(2,926)
11-Jul-17	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	7,560	7,560
12-Jul-17	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	4,072	4,072
13-Jul-17	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(41,428)	(41,428)
13-Jul-17	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	24,881	24,881
13-Jul-17	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	2,520	2,520
17-Jul-17	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(41,248)	(41,248)
17-Jul-17	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	7,560	7,560
20-Jul-17	Vanguard Investments Australia Ltd	SELL	2.47	Ordinary	(46,380)	(46,380)
20-Jul-17	Vanguard Investments Australia Ltd	BUY	2.47	Ordinary	72,473	72,473
20-Jul-17	Vanguard Investments Australia Ltd	BUY	2.47	Ordinary	7,560	7,560
24-Jul-17	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	22,680	22,680
25-Jul-17	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(36,834)	(36,834)
25-Jul-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(15,120)	(15,120)
27-Jul-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(38,046)	(38,046)
27-Jul-17	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	98,215	98,215
28-Jul-17	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	3,054	3,054
3-Aug-17	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	5,040	5,040
4-Aug-17	Vanguard Investments Australia Ltd	SELL	2.45	Ordinary	(47,880)	(47,880)
8-Aug-17	Vanguard Investments Australia Ltd	SELL	2.46	Ordinary	(5,008)	(5,008)
8-Aug-17	Vanguard Investments Australia Ltd	BUY	2.46	Ordinary	2,115	2,115
9-Aug-17	Vanguard Investments Australia Ltd	SELL	2.47	Ordinary	(16,834)	(16,834)
9-Aug-17	Vanguard Investments Australia Ltd	BUY	2.47	Ordinary	2,520	2,520
9-Aug-17	Vanguard Investments Australia Ltd	BUY	2.47	Ordinary	7,560	7,560
15-Aug-17	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	4,036	4,036
22-Aug-17	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	4,422	4,422
22-Aug-17	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	4,868	4,868
25-Aug-17	Vanguard Investments Australia Ltd	BUY	2.49	Ordinary	7,626	7,626
29-Aug-17	Vanguard Investments Australia Ltd	BUY	2.50	Ordinary	8,281	8,281

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-17	Vanguard Investments Australia Ltd	BUY	2.50	Ordinary	83,101	83,101
1-Sep-17	Vanguard Investments Australia Ltd	BUY	2.50	Ordinary	7,626	7,626
5-Sep-17	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	2,727	2,727
13-Sep-17	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	7,666	7,666
13-Sep-17	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	17,584	17,584
14-Sep-17	Vanguard Investments Australia Ltd	BUY	2.53	Ordinary	2,542	2,542
15-Sep-17	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	7,626	7,626
15-Sep-17	Vanguard Investments Australia Ltd	BUY	2.53	Ordinary	47,041	47,041
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	8,304	8,304
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	6,180	6,180
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	113,107	113,107
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	26,389	26,389
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	51,933	51,933
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	611,591	611,591
20-Sep-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	123,760	123,760
21-Sep-17	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	13,840	13,840
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(2,102)	(2,102)
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(1,976)	(1,976)
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(19,154)	(19,154)
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(8,886)	(8,886)
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(15,503)	(15,503)
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(203,442)	(203,442)
22-Sep-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(33,496)	(33,496)
25-Sep-17	Vanguard Investments Australia Ltd	SELL	2.52	Ordinary	(789)	(789)
25-Sep-17	Vanguard Investments Australia Ltd	SELL	2.52	Ordinary	(18,059)	(18,059)
26-Sep-17	Vanguard Investments Australia Ltd	SELL	2.52	Ordinary	(3,147)	(3,147)
26-Sep-17	Vanguard Investments Australia Ltd	SELL	2.52	Ordinary	(72,058)	(72,058)
27-Sep-17	Vanguard Investments Australia Ltd	SELL	2.52	Ordinary	(5,512)	(5,512)
27-Sep-17	Vanguard Investments Australia Ltd	SELL	2.52	Ordinary	(126,195)	(126,195)
28-Sep-17	Vanguard Investments Australia Ltd	SELL	2.47	Ordinary	(7,299)	(7,299)
28-Sep-17	Vanguard Investments Australia Ltd	SELL	2.47	Ordinary	(167,117)	(167,117)
2-Oct-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(3,245)	(3,245)
2-Oct-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(74,304)	(74,304)
3-Oct-17	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(9,530)	(9,530)
3-Oct-17	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	7,455	7,455
10-Oct-17	Vanguard Investments Australia Ltd	BUY	2.54	Ordinary	4,692	4,692
12-Oct-17	Vanguard Investments Australia Ltd	BUY	2.53	Ordinary	4,970	4,970
25-Oct-17	Vanguard Investments Australia Ltd	SELL	2.58	Ordinary	(5,665)	(5,665)
27-Oct-17	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	7,455	7,455
6-Nov-17	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	7,455	7,455
7-Nov-17	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	3,519	3,519
8-Nov-17	Vanguard Investments Australia Ltd	SELL	2.60	Ordinary	(3,985)	(3,985)
15-Nov-17	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	4,970	4,970
20-Nov-17	Vanguard Investments Australia Ltd	BUY	2.63	Ordinary	4,692	4,692
22-Nov-17	Vanguard Investments Australia Ltd	BUY	2.59	Ordinary	9,940	9,940
24-Nov-17	Vanguard Investments Australia Ltd	SELL	2.59	Ordinary	(1,475)	(1,475)
29-Nov-17	Vanguard Investments Australia Ltd	SELL	2.63	Ordinary	(9,940)	(9,940)
30-Nov-17	Vanguard Investments Australia Ltd	SELL	2.70	Ordinary	(6,103)	(6,103)
1-Dec-17	Vanguard Investments Australia Ltd	BUY	2.66	Ordinary	4,492	4,492
4-Dec-17	Vanguard Investments Australia Ltd	SELL	2.63	Ordinary	(29,075)	(29,075)
5-Dec-17	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	4,970	4,970
5-Dec-17	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	7,455	7,455
5-Dec-17	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(32,688)	(32,688)
11-Dec-17	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(1,204)	(1,204)
11-Dec-17	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(18,504)	(18,504)
15-Dec-17	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(30,937)	(30,937)
15-Dec-17	Vanguard Investments Australia Ltd	SELL	2.63	Ordinary	(68,464)	(68,464)
18-Dec-17	Vanguard Investments Australia Ltd	SELL	2.59	Ordinary	(6,052)	(6,052)
19-Dec-17	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	4,966	4,966
19-Dec-17	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	24,830	24,830
20-Dec-17	Vanguard Investments Australia Ltd	BUY	2.58	Ordinary	5,580	5,580
27-Dec-17	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	24,830	24,830
28-Dec-17	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	15,884	15,884
28-Dec-17	Vanguard Investments Australia Ltd	SELL	2.55	Ordinary	(50,400)	(50,400)
4-Jan-18	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	3,318	3,318
8-Jan-18	Vanguard Investments Australia Ltd	BUY	2.54	Ordinary	5,030	5,030
16-Jan-18	Vanguard Investments Australia Ltd	BUY	2.48	Ordinary	5,030	5,030
23-Jan-18	Vanguard Investments Australia Ltd	BUY	2.50	Ordinary	8,817	8,817
24-Jan-18	Vanguard Investments Australia Ltd	BUY	2.49	Ordinary	6,636	6,636

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-Jan-18	Vanguard Investments Australia Ltd	BUY	2.49	Ordinary	5,030	5,030
2-Feb-18	Vanguard Investments Australia Ltd	BUY	2.47	Ordinary	5,030	5,030
13-Feb-18	Vanguard Investments Australia Ltd	SELL	2.40	Ordinary	(15,090)	(15,090)
26-Feb-18	Vanguard Investments Australia Ltd	BUY	2.49	Ordinary	3,891	3,891
26-Feb-18	Vanguard Investments Australia Ltd	BUY	2.49	Ordinary	5,030	5,030
26-Feb-18	Vanguard Investments Australia Ltd	BUY	2.49	Ordinary	21,690	21,690
27-Feb-18	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	21,263	21,263
15-Mar-18	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	3,405	3,405
21-Mar-18	Vanguard Investments Australia Ltd	SELL	2.53	Ordinary	(35,644)	(35,644)
26-Mar-18	Vanguard Investments Australia Ltd	BUY	2.52	Ordinary	4,464	4,464
19-Apr-18	Vanguard Investments Australia Ltd	SELL	2.48	Ordinary	(7,954)	(7,954)
20-Apr-18	Vanguard Investments Australia Ltd	BUY	2.45	Ordinary	3,348	3,348
24-Apr-18	Vanguard Investments Australia Ltd	BUY	2.47	Ordinary	2,232	2,232
26-Apr-18	Vanguard Investments Australia Ltd	SELL	2.49	Ordinary	(3,761)	(3,761)
2-May-18	Vanguard Investments Australia Ltd	SELL	2.54	Ordinary	(5,500)	(5,500)
2-May-18	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	5,580	5,580
11-May-18	Vanguard Investments Australia Ltd	BUY	2.54	Ordinary	6,323	6,323
17-May-18	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	3,348	3,348
22-May-18	Vanguard Investments Australia Ltd	BUY	2.51	Ordinary	2,508	2,508
29-May-18	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	2,508	2,508
31-May-18	Vanguard Investments Australia Ltd	SELL	2.57	Ordinary	(46,162)	(46,162)
4-Jun-18	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	13,180	13,180
4-Jun-18	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	66,281	66,281
4-Jun-18	Vanguard Investments Australia Ltd	BUY	2.55	Ordinary	4,170	4,170
6-Jun-18	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	10,032	10,032
15-Jun-18	Vanguard Investments Australia Ltd	SELL	2.60	Ordinary	(34,089)	(34,089)
25-Jun-18	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	3,324	3,324
28-Jun-18	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	30,897	30,897
29-Jun-18	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	5,140	5,140
5-Jul-18	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	2,508	2,508
6-Jul-18	Vanguard Investments Australia Ltd	BUY	2.58	Ordinary	5,016	5,016
9-Jul-18	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	2,478	2,478
16-Jul-18	Vanguard Investments Australia Ltd	BUY	2.59	Ordinary	5,016	5,016
18-Jul-18	Vanguard Investments Australia Ltd	BUY	2.59	Ordinary	5,016	5,016
23-Jul-18	Vanguard Investments Australia Ltd	BUY	2.59	Ordinary	2,478	2,478
26-Jul-18	Vanguard Investments Australia Ltd	BUY	2.58	Ordinary	5,016	5,016
2-Aug-18	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	3,304	3,304
3-Aug-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	10,032	10,032
9-Aug-18	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	5,016	5,016
13-Aug-18	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	19,886	19,886
13-Aug-18	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	3,304	3,304
15-Aug-18	Vanguard Investments Australia Ltd	BUY	2.64	Ordinary	5,140	5,140
17-Aug-18	Vanguard Investments Australia Ltd	SELL	2.66	Ordinary	(3,929)	(3,929)
20-Aug-18	Vanguard Investments Australia Ltd	SELL	2.63	Ordinary	(3,947)	(3,947)
23-Aug-18	Vanguard Investments Australia Ltd	BUY	2.71	Ordinary	5,140	5,140
23-Aug-18	Vanguard Investments Australia Ltd	SELL	2.70	Ordinary	(8,175)	(8,175)
29-Aug-18	Vanguard Investments Australia Ltd	BUY	2.72	Ordinary	2,268	2,268
29-Aug-18	Vanguard Investments Australia Ltd	BUY	2.72	Ordinary	34,481	34,481
30-Aug-18	Vanguard Investments Australia Ltd	BUY	2.72	Ordinary	2,481	2,481
31-Aug-18	Vanguard Investments Australia Ltd	SELL	2.74	Ordinary	(6,153)	(6,153)
31-Aug-18	Vanguard Investments Australia Ltd	BUY	2.75	Ordinary	2,481	2,481
4-Sep-18	Vanguard Investments Australia Ltd	BUY	2.72	Ordinary	5,140	5,140
10-Sep-18	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	5,110	5,110
10-Sep-18	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	10,220	10,220
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(2,981)	(2,981)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(7,451)	(7,451)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(6,142)	(6,142)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(67,896)	(67,896)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(28,553)	(28,553)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(60,712)	(60,712)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(688,445)	(688,445)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(13,045)	(13,045)
13-Sep-18	Vanguard Investments Australia Ltd	SELL	2.99	Ordinary	(119,486)	(119,486)
18-Sep-18	Vanguard Investments Australia Ltd	BUY	2.94	Ordinary	2,472	2,472
19-Sep-18	Vanguard Investments Australia Ltd	BUY	2.96	Ordinary	5,110	5,110
26-Sep-18	Vanguard Investments Australia Ltd	BUY	2.86	Ordinary	4,718	4,718
28-Sep-18	Vanguard Investments Australia Ltd	SELL	2.84	Ordinary	(2,598)	(2,598)
3-Oct-18	Vanguard Investments Australia Ltd	BUY	2.85	Ordinary	9,404	9,404
3-Oct-18	Vanguard Investments Australia Ltd	BUY	2.85	Ordinary	7,042	7,042

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3-Oct-18	Vanguard Investments Australia Ltd	BUY	2.85	Ordinary	10,521	10,521
4-Oct-18	Vanguard Investments Australia Ltd	BUY	2.83	Ordinary	4,702	4,702
4-Oct-18	Vanguard Investments Australia Ltd	BUY	2.84	Ordinary	14,040	14,040
8-Oct-18	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	2,574	2,574
12-Oct-18	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	5,998	5,998
15-Oct-18	Vanguard Investments Australia Ltd	BUY	2.74	Ordinary	7,053	7,053
17-Oct-18	Vanguard Investments Australia Ltd	BUY	2.72	Ordinary	8,220	8,220
23-Oct-18	Vanguard Investments Australia Ltd	BUY	2.75	Ordinary	2,574	2,574
25-Oct-18	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	4,702	4,702
25-Oct-18	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	1,716	1,716
31-Oct-18	Vanguard Investments Australia Ltd	SELL	2.77	Ordinary	(11,755)	(11,755)
2-Nov-18	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	4,702	4,702
2-Nov-18	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	7,053	7,053
9-Nov-18	Vanguard Investments Australia Ltd	BUY	2.81	Ordinary	4,678	4,678
13-Nov-18	Vanguard Investments Australia Ltd	BUY	2.90	Ordinary	2,484	2,484
27-Nov-18	Vanguard Investments Australia Ltd	BUY	2.88	Ordinary	2,502	2,502
30-Nov-18	Vanguard Investments Australia Ltd	BUY	2.82	Ordinary	4,662	4,662
3-Dec-18	Vanguard Investments Australia Ltd	SELL	2.87	Ordinary	(7,128)	(7,128)
4-Dec-18	Vanguard Investments Australia Ltd	BUY	2.86	Ordinary	118,711	118,711
6-Dec-18	Vanguard Investments Australia Ltd	BUY	2.86	Ordinary	8,152	8,152
6-Dec-18	Vanguard Investments Australia Ltd	BUY	2.87	Ordinary	5,120	5,120
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	2,230	2,230
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	5,573	5,573
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	4,594	4,594
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	50,784	50,784
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	20,829	20,829
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	45,411	45,411
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.83	Ordinary	7,683	7,683
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	518,270	518,270
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	12,187	12,187
18-Dec-18	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	99,998	99,998
19-Dec-18	Vanguard Investments Australia Ltd	BUY	2.83	Ordinary	65,763	65,763
20-Dec-18	Vanguard Investments Australia Ltd	BUY	2.85	Ordinary	5,122	5,122
20-Dec-18	Vanguard Investments Australia Ltd	BUY	2.84	Ordinary	61,350	61,350
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.85	Ordinary	90,943	90,943
21-Dec-18	Vanguard Investments Australia Ltd	BUY	2.86	Ordinary	41,297	41,297
9-Jan-19	Vanguard Investments Australia Ltd	BUY	2.70	Ordinary	5,260	5,260
14-Jan-19	Vanguard Investments Australia Ltd	BUY	2.74	Ordinary	2,628	2,628
22-Jan-19	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	7,890	7,890
23-Jan-19	Vanguard Investments Australia Ltd	BUY	2.76	Ordinary	2,630	2,630
4-Feb-19	Vanguard Investments Australia Ltd	BUY	2.78	Ordinary	5,260	5,260
7-Feb-19	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	3,504	3,504
12-Feb-19	Vanguard Investments Australia Ltd	BUY	2.84	Ordinary	1,756	1,756
14-Feb-19	Vanguard Investments Australia Ltd	BUY	2.85	Ordinary	7,890	7,890
25-Feb-19	Vanguard Investments Australia Ltd	BUY	2.91	Ordinary	6,469	6,469
26-Feb-19	Vanguard Investments Australia Ltd	BUY	2.92	Ordinary	2,630	2,630
26-Feb-19	Vanguard Investments Australia Ltd	BUY	2.92	Ordinary	2,634	2,634
27-Feb-19	Vanguard Investments Australia Ltd	BUY	2.95	Ordinary	12,554	12,554
28-Feb-19	Vanguard Investments Australia Ltd	BUY	2.95	Ordinary	7,890	7,890
28-Feb-19	Vanguard Investments Australia Ltd	BUY	2.94	Ordinary	22,377	22,377
15-Mar-19	Vanguard Investments Australia Ltd	BUY	2.91	Ordinary	2,630	2,630
15-Mar-19	Vanguard Investments Australia Ltd	BUY	2.91	Ordinary	109,464	109,464
19-Mar-19	Vanguard Investments Australia Ltd	BUY	2.94	Ordinary	7,968	7,968
29-Mar-19	Vanguard Investments Australia Ltd	SELL	3.02	Ordinary	(14,554)	(14,554)
4-Apr-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	2,645	2,645
5-Apr-19	Vanguard Investments Australia Ltd	BUY	3.04	Ordinary	7,935	7,935
8-Apr-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	2,645	2,645
9-Apr-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	59,684	59,684
10-Apr-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	2,642	2,642
12-Apr-19	Vanguard Investments Australia Ltd	SELL	3.05	Ordinary	(6,843)	(6,843)
15-Apr-19	Vanguard Investments Australia Ltd	SELL	3.03	Ordinary	(6,682)	(6,682)
15-Apr-19	Vanguard Investments Australia Ltd	BUY	3.03	Ordinary	5,282	5,282
29-Apr-19	Vanguard Investments Australia Ltd	BUY	3.03	Ordinary	5,282	5,282
29-Apr-19	Vanguard Investments Australia Ltd	BUY	3.03	Ordinary	7,923	7,923
1-May-19	Vanguard Investments Australia Ltd	BUY	3.04	Ordinary	11,437	11,437
1-May-19	Vanguard Investments Australia Ltd	BUY	3.04	Ordinary	7,442	7,442
3-May-19	Vanguard Investments Australia Ltd	SELL	2.97	Ordinary	(65,639)	(65,639)
9-May-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	7,923	7,923
10-May-19	Vanguard Investments Australia Ltd	BUY	3.04	Ordinary	31,452	31,452

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
14-May-19	Vanguard Investments Australia Ltd	BUY	2.98	Ordinary	5,242	5,242
22-May-19	Vanguard Investments Australia Ltd	BUY	3.04	Ordinary	10,484	10,484
24-May-19	Vanguard Investments Australia Ltd	BUY	3.04	Ordinary	5,240	5,240
28-May-19	Vanguard Investments Australia Ltd	SELL	3.07	Ordinary	(34,842)	(34,842)
29-May-19	Vanguard Investments Australia Ltd	BUY	3.06	Ordinary	7,857	7,857
29-May-19	Vanguard Investments Australia Ltd	BUY	3.06	Ordinary	1,456	1,456
30-May-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	12,959	12,959
30-May-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	5,206	5,206
30-May-19	Vanguard Investments Australia Ltd	SELL	3.05	Ordinary	(107,727)	(107,727)
4-Jun-19	Vanguard Investments Australia Ltd	SELL	3.10	Ordinary	(6,605)	(6,605)
6-Jun-19	Vanguard Investments Australia Ltd	BUY	3.16	Ordinary	5,208	5,208
7-Jun-19	Vanguard Investments Australia Ltd	BUY	3.18	Ordinary	56,112	56,112
11-Jun-19	Vanguard Investments Australia Ltd	BUY	3.22	Ordinary	10,416	10,416
12-Jun-19	Vanguard Investments Australia Ltd	BUY	3.20	Ordinary	28,614	28,614
14-Jun-19	Vanguard Investments Australia Ltd	BUY	3.21	Ordinary	7,812	7,812
17-Jun-19	Vanguard Investments Australia Ltd	BUY	3.19	Ordinary	1,456	1,456
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	4,423	4,423
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	9,212	9,212
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	7,593	7,593
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	83,936	83,936
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	33,841	33,841
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	83,336	83,336
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	898,420	898,420
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	17,703	17,703
19-Jun-19	Vanguard Investments Australia Ltd	BUY	3.02	Ordinary	181,796	181,796
20-Jun-19	Vanguard Investments Australia Ltd	BUY	3.10	Ordinary	7,812	7,812
21-Jun-19	Vanguard Investments Australia Ltd	BUY	3.20	Ordinary	10,416	10,416
25-Jun-19	Vanguard Investments Australia Ltd	SELL	3.26	Ordinary	(29,369)	(29,369)
25-Jun-19	Vanguard Investments Australia Ltd	BUY	3.25	Ordinary	1,462	1,462
27-Jun-19	Vanguard Investments Australia Ltd	BUY	3.19	Ordinary	10,564	10,564
1-Jul-19	Vanguard Investments Australia Ltd	BUY	3.07	Ordinary	5,140	5,140
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	5,503	5,503
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	11,463	11,463
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	9,449	9,449
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	99,736	99,736
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	42,112	42,112
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	103,707	103,707
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.13	Ordinary	10,272	10,272
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	1,120,958	1,120,958
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	22,265	22,265
3-Jul-19	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	226,233	226,233
11-Jul-19	Vanguard Investments Australia Ltd	SELL	3.20	Ordinary	(11,478)	(11,478)
11-Jul-19	Vanguard Investments Australia Ltd	BUY	3.19	Ordinary	12,236	12,236
11-Jul-19	Vanguard Investments Australia Ltd	SELL	3.20	Ordinary	(275,228)	(275,228)
12-Jul-19	Vanguard Investments Australia Ltd	SELL	3.20	Ordinary	(10,935)	(10,935)
15-Jul-19	Vanguard Investments Australia Ltd	BUY	3.19	Ordinary	9,177	9,177
17-Jul-19	Vanguard Investments Australia Ltd	SELL	3.21	Ordinary	(10,499)	(10,499)
17-Jul-19	Vanguard Investments Australia Ltd	BUY	3.21	Ordinary	6,118	6,118
17-Jul-19	Vanguard Investments Australia Ltd	SELL	3.21	Ordinary	(25,445)	(25,445)
18-Jul-19	Vanguard Investments Australia Ltd	SELL	3.16	Ordinary	(10,131)	(10,131)
18-Jul-19	Vanguard Investments Australia Ltd	BUY	3.19	Ordinary	2,157	2,157
22-Jul-19	Vanguard Investments Australia Ltd	BUY	3.11	Ordinary	6,118	6,118
22-Jul-19	Vanguard Investments Australia Ltd	BUY	3.11	Ordinary	9,177	9,177
24-Jul-19	Vanguard Investments Australia Ltd	SELL	3.14	Ordinary	(40,925)	(40,925)
25-Jul-19	Vanguard Investments Australia Ltd	BUY	3.21	Ordinary	9,177	9,177
26-Jul-19	Vanguard Investments Australia Ltd	SELL	3.14	Ordinary	(11,302)	(11,302)
29-Jul-19	Vanguard Investments Australia Ltd	BUY	3.16	Ordinary	6,118	6,118
31-Jul-19	Vanguard Investments Australia Ltd	BUY	3.18	Ordinary	6,118	6,118
2-Aug-19	Vanguard Investments Australia Ltd	BUY	3.23	Ordinary	6,112	6,112
5-Aug-19	Vanguard Investments Australia Ltd	BUY	3.20	Ordinary	1,436	1,436
6-Aug-19	Vanguard Investments Australia Ltd	BUY	3.16	Ordinary	6,112	6,112
8-Aug-19	Vanguard Investments Australia Ltd	BUY	3.18	Ordinary	9,168	9,168
9-Aug-19	Vanguard Investments Australia Ltd	BUY	3.21	Ordinary	9,168	9,168
9-Aug-19	Vanguard Investments Australia Ltd	BUY	3.21	Ordinary	3,645	3,645
14-Aug-19	Vanguard Investments Australia Ltd	BUY	3.24	Ordinary	6,140	6,140
19-Aug-19	Vanguard Investments Australia Ltd	BUY	3.26	Ordinary	6,134	6,134
21-Aug-19	Vanguard Investments Australia Ltd	BUY	3.25	Ordinary	9,201	9,201
27-Aug-19	Vanguard Investments Australia Ltd	BUY	3.36	Ordinary	7,793	7,793
29-Aug-19	Vanguard Investments Australia Ltd	SELL	3.36	Ordinary	(3,004)	(3,004)

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-Sep-19	Vanguard Investments Australia Ltd	BUY	3.39	Ordinary	9,201	9,201
2-Sep-19	Vanguard Investments Australia Ltd	BUY	3.39	Ordinary	1,502	1,502
5-Sep-19	Vanguard Investments Australia Ltd	BUY	3.42	Ordinary	9,192	9,192
10-Sep-19	Vanguard Investments Australia Ltd	BUY	3.36	Ordinary	12,256	12,256
10-Sep-19	Vanguard Investments Australia Ltd	BUY	3.36	Ordinary	2,262	2,262
13-Sep-19	Vanguard Investments Australia Ltd	BUY	3.38	Ordinary	9,192	9,192
16-Sep-19	Vanguard Investments Australia Ltd	SELL	3.33	Ordinary	(8,719)	(8,719)
17-Sep-19	Vanguard Investments Australia Ltd	BUY	3.33	Ordinary	9,192	9,192
17-Sep-19	Vanguard Investments Australia Ltd	BUY	3.33	Ordinary	19,304	19,304
19-Sep-19	Vanguard Investments Australia Ltd	BUY	3.31	Ordinary	14,401	14,401
20-Sep-19	Vanguard Investments Australia Ltd	BUY	3.29	Ordinary	13,000	13,000
20-Sep-19	Vanguard Investments Australia Ltd	BUY	3.29	Ordinary	386,295	386,295
23-Sep-19	Vanguard Investments Australia Ltd	BUY	3.32	Ordinary	9,711	9,711
24-Sep-19	Vanguard Investments Australia Ltd	BUY	3.27	Ordinary	6,474	6,474
24-Sep-19	Vanguard Investments Australia Ltd	BUY	3.27	Ordinary	15,749	15,749
26-Sep-19	Vanguard Investments Australia Ltd	BUY	3.29	Ordinary	9,717	9,717
27-Sep-19	Vanguard Investments Australia Ltd	BUY	3.23	Ordinary	2,262	2,262
2-Oct-19	Vanguard Investments Australia Ltd	BUY	3.27	Ordinary	16,120	16,120
4-Oct-19	Vanguard Investments Australia Ltd	BUY	3.27	Ordinary	26,552	26,552
9-Oct-19	Vanguard Investments Australia Ltd	BUY	3.32	Ordinary	16,100	16,100
11-Oct-19	Vanguard Investments Australia Ltd	BUY	3.25	Ordinary	3,016	3,016
11-Oct-19	Vanguard Investments Australia Ltd	BUY	3.25	Ordinary	3,016	3,016
14-Oct-19	Vanguard Investments Australia Ltd	BUY	3.26	Ordinary	21,121	21,121
16-Oct-19	Vanguard Investments Australia Ltd	BUY	3.31	Ordinary	25,029	25,029
16-Oct-19	Vanguard Investments Australia Ltd	BUY	3.31	Ordinary	12,876	12,876
18-Oct-19	Vanguard Investments Australia Ltd	BUY	3.28	Ordinary	10,556	10,556
18-Oct-19	Vanguard Investments Australia Ltd	BUY	3.29	Ordinary	35,153	35,153
21-Oct-19	Vanguard Investments Australia Ltd	BUY	3.32	Ordinary	33,296	33,296
21-Oct-19	Vanguard Investments Australia Ltd	BUY	3.36	Ordinary	9,651	9,651
22-Oct-19	Vanguard Investments Australia Ltd	BUY	3.34	Ordinary	29,762	29,762
25-Oct-19	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	72,582	72,582
28-Oct-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	9,651	9,651
29-Oct-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	3,698	3,698
30-Oct-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	5,062	5,062
30-Oct-19	Vanguard Investments Australia Ltd	BUY	3.38	Ordinary	929	929
31-Oct-19	Vanguard Investments Australia Ltd	BUY	3.42	Ordinary	12,868	12,868
1-Nov-19	Vanguard Investments Australia Ltd	BUY	3.44	Ordinary	29,518	29,518
4-Nov-19	Vanguard Investments Australia Ltd	BUY	3.39	Ordinary	6,434	6,434
5-Nov-19	Vanguard Investments Australia Ltd	SELL	3.39	Ordinary	(5,921)	(5,921)
6-Nov-19	Vanguard Investments Australia Ltd	BUY	3.39	Ordinary	12,856	12,856
11-Nov-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	6,428	6,428
11-Nov-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	3,012	3,012
11-Nov-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	5,271	5,271
11-Nov-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	6,024	6,024
11-Nov-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	19,421	19,421
12-Nov-19	Vanguard Investments Australia Ltd	BUY	3.49	Ordinary	9,642	9,642
13-Nov-19	Vanguard Investments Australia Ltd	BUY	3.49	Ordinary	2,265	2,265
15-Nov-19	Vanguard Investments Australia Ltd	BUY	3.56	Ordinary	6,428	6,428
19-Nov-19	Vanguard Investments Australia Ltd	BUY	3.67	Ordinary	3,770	3,770
19-Nov-19	Vanguard Investments Australia Ltd	BUY	3.67	Ordinary	6,032	6,032
20-Nov-19	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	9,636	9,636
20-Nov-19	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	9,636	9,636
22-Nov-19	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	6,424	6,424
22-Nov-19	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	8,490	8,490
25-Nov-19	Vanguard Investments Australia Ltd	BUY	3.63	Ordinary	20,423	20,423
25-Nov-19	Vanguard Investments Australia Ltd	BUY	3.63	Ordinary	3,760	3,760
25-Nov-19	Vanguard Investments Australia Ltd	BUY	3.63	Ordinary	6,768	6,768
26-Nov-19	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	6,424	6,424
26-Nov-19	Vanguard Investments Australia Ltd	BUY	3.63	Ordinary	4,852	4,852
27-Nov-19	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	12,848	12,848
27-Nov-19	Vanguard Investments Australia Ltd	BUY	3.63	Ordinary	49,669	49,669
28-Nov-19	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	16,060	16,060
2-Dec-19	Vanguard Investments Australia Ltd	BUY	3.65	Ordinary	9,636	9,636
2-Dec-19	Vanguard Investments Australia Ltd	BUY	3.65	Ordinary	12,848	12,848
2-Dec-19	Vanguard Investments Australia Ltd	BUY	3.65	Ordinary	10,618	10,618
4-Dec-19	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	12,844	12,844
4-Dec-19	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	12,844	12,844
6-Dec-19	Vanguard Investments Australia Ltd	BUY	3.66	Ordinary	70,683	70,683
6-Dec-19	Vanguard Investments Australia Ltd	SELL	3.66	Ordinary	(6,868)	(6,868)

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
6-Dec-19	Vanguard Investments Australia Ltd	BUY	3.66	Ordinary	9,633	9,633
9-Dec-19	Vanguard Investments Australia Ltd	BUY	3.64	Ordinary	20,787	20,787
11-Dec-19	Vanguard Investments Australia Ltd	BUY	3.55	Ordinary	9,633	9,633
11-Dec-19	Vanguard Investments Australia Ltd	BUY	3.55	Ordinary	9,633	9,633
13-Dec-19	Vanguard Investments Australia Ltd	BUY	3.38	Ordinary	12,832	12,832
13-Dec-19	Vanguard Investments Australia Ltd	BUY	3.38	Ordinary	12,832	12,832
16-Dec-19	Vanguard Investments Australia Ltd	BUY	3.46	Ordinary	2,418	2,418
18-Dec-19	Vanguard Investments Australia Ltd	BUY	3.40	Ordinary	12,832	12,832
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	13,479	13,479
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	10,749	10,749
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	15,434	15,434
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	11,059	11,059
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	135,447	135,447
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	51,422	51,422
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	144,689	144,689
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.48	Ordinary	12,832	12,832
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	1,612,848	1,612,848
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	35,313	35,313
19-Dec-19	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	338,873	338,873
20-Dec-19	Vanguard Investments Australia Ltd	BUY	3.43	Ordinary	12,832	12,832
20-Dec-19	Vanguard Investments Australia Ltd	BUY	3.44	Ordinary	104,947	104,947
23-Dec-19	Vanguard Investments Australia Ltd	SELL	3.44	Ordinary	(5,475)	(5,475)
23-Dec-19	Vanguard Investments Australia Ltd	BUY	3.44	Ordinary	9,597	9,597
27-Dec-19	Vanguard Investments Australia Ltd	BUY	3.42	Ordinary	2,470	2,470
31-Dec-19	Vanguard Investments Australia Ltd	BUY	3.34	Ordinary	7,444	7,444
3-Jan-20	Vanguard Investments Australia Ltd	BUY	3.42	Ordinary	14,740	14,740
6-Jan-20	Vanguard Investments Australia Ltd	BUY	3.44	Ordinary	46,600	46,600
8-Jan-20	Vanguard Investments Australia Ltd	BUY	3.45	Ordinary	7,370	7,370
9-Jan-20	Vanguard Investments Australia Ltd	BUY	3.54	Ordinary	7,370	7,370
13-Jan-20	Vanguard Investments Australia Ltd	BUY	3.55	Ordinary	11,055	11,055
13-Jan-20	Vanguard Investments Australia Ltd	BUY	3.55	Ordinary	3,642	3,642
14-Jan-20	Vanguard Investments Australia Ltd	BUY	3.60	Ordinary	3,642	3,642
15-Jan-20	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	11,055	11,055
15-Jan-20	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	23,192	23,192
16-Jan-20	Vanguard Investments Australia Ltd	SELL	3.65	Ordinary	(2,834)	(2,834)
20-Jan-20	Vanguard Investments Australia Ltd	SELL	3.62	Ordinary	(5,260)	(5,260)
20-Jan-20	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	11,055	11,055
28-Jan-20	Vanguard Investments Australia Ltd	BUY	3.66	Ordinary	11,055	11,055
30-Jan-20	Vanguard Investments Australia Ltd	BUY	3.62	Ordinary	11,055	11,055
31-Jan-20	Vanguard Investments Australia Ltd	BUY	3.65	Ordinary	14,031	14,031
3-Feb-20	Vanguard Investments Australia Ltd	BUY	3.65	Ordinary	11,055	11,055
11-Feb-20	Vanguard Investments Australia Ltd	BUY	3.69	Ordinary	14,740	14,740
11-Feb-20	Vanguard Investments Australia Ltd	BUY	3.69	Ordinary	14,970	14,970
13-Feb-20	Vanguard Investments Australia Ltd	BUY	3.71	Ordinary	14,800	14,800
19-Feb-20	Vanguard Investments Australia Ltd	BUY	3.70	Ordinary	11,100	11,100
21-Feb-20	Vanguard Investments Australia Ltd	BUY	3.72	Ordinary	11,100	11,100
26-Feb-20	Vanguard Investments Australia Ltd	BUY	3.69	Ordinary	7,400	7,400
27-Feb-20	Vanguard Investments Australia Ltd	BUY	3.66	Ordinary	13,566	13,566
28-Feb-20	Vanguard Investments Australia Ltd	SELL	3.56	Ordinary	(9,913)	(9,913)
2-Mar-20	Vanguard Investments Australia Ltd	BUY	3.55	Ordinary	3,612	3,612
3-Mar-20	Vanguard Investments Australia Ltd	BUY	3.58	Ordinary	11,049	11,049
9-Mar-20	Vanguard Investments Australia Ltd	BUY	3.38	Ordinary	10,681	10,681
10-Mar-20	Vanguard Investments Australia Ltd	BUY	3.31	Ordinary	7,364	7,364
10-Mar-20	Vanguard Investments Australia Ltd	BUY	3.31	Ordinary	13,332	13,332
12-Mar-20	Vanguard Investments Australia Ltd	SELL	3.05	Ordinary	(4,224)	(4,224)
12-Mar-20	Vanguard Investments Australia Ltd	SELL	3.04	Ordinary	(96,636)	(96,636)
12-Mar-20	Vanguard Investments Australia Ltd	BUY	3.03	Ordinary	27,025	27,025
13-Mar-20	Vanguard Investments Australia Ltd	BUY	2.95	Ordinary	31,239	31,239
13-Mar-20	Vanguard Investments Australia Ltd	SELL	2.92	Ordinary	(38,947)	(38,947)
13-Mar-20	Vanguard Investments Australia Ltd	BUY	2.95	Ordinary	16,394	16,394
16-Mar-20	Vanguard Investments Australia Ltd	SELL	2.74	Ordinary	(48,155)	(48,155)
16-Mar-20	Vanguard Investments Australia Ltd	SELL	2.71	Ordinary	(71,354)	(71,354)
17-Mar-20	Vanguard Investments Australia Ltd	SELL	2.74	Ordinary	(85,400)	(85,400)
18-Mar-20	Vanguard Investments Australia Ltd	SELL	2.73	Ordinary	(44,447)	(44,447)
18-Mar-20	Vanguard Investments Australia Ltd	SELL	2.72	Ordinary	(124,326)	(124,326)
18-Mar-20	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	10,892	10,892
19-Mar-20	Vanguard Investments Australia Ltd	SELL	2.71	Ordinary	(24,260)	(24,260)
19-Mar-20	Vanguard Investments Australia Ltd	SELL	2.72	Ordinary	(87,956)	(87,956)
20-Mar-20	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	11,049	11,049

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-Mar-20	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	62,713	62,713
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	2,690	2,690
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	2,567	2,567
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	5,995	5,995
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	14,940	14,940
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	11,067	11,067
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	14,756	14,756
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.77	Ordinary	1,292	1,292
27-Mar-20	Vanguard Investments Australia Ltd	BUY	2.79	Ordinary	48,904	48,904
31-Mar-20	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	14,784	14,784
31-Mar-20	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(91,064)	(91,064)
31-Mar-20	Vanguard Investments Australia Ltd	SELL	2.60	Ordinary	(125,000)	(125,000)
2-Apr-20	Vanguard Investments Australia Ltd	BUY	2.56	Ordinary	16,618	16,618
7-Apr-20	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	8,974	8,974
7-Apr-20	Vanguard Investments Australia Ltd	BUY	2.80	Ordinary	18,260	18,260
14-Apr-20	Vanguard Investments Australia Ltd	BUY	2.66	Ordinary	14,608	14,608
14-Apr-20	Vanguard Investments Australia Ltd	BUY	2.66	Ordinary	14,608	14,608
14-Apr-20	Vanguard Investments Australia Ltd	BUY	2.66	Ordinary	14,608	14,608
20-Apr-20	Vanguard Investments Australia Ltd	BUY	2.73	Ordinary	54,104	54,104
21-Apr-20	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	21,234	21,234
21-Apr-20	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	5,605	5,605
21-Apr-20	Vanguard Investments Australia Ltd	SELL	2.63	Ordinary	(2,527)	(2,527)
21-Apr-20	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	168,243	168,243
21-Apr-20	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	27,010	27,010
22-Apr-20	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	14,564	14,564
28-Apr-20	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(8,794)	(8,794)
28-Apr-20	Vanguard Investments Australia Ltd	BUY	2.61	Ordinary	14,564	14,564
29-Apr-20	Vanguard Investments Australia Ltd	BUY	2.62	Ordinary	4,350	4,350
30-Apr-20	Vanguard Investments Australia Ltd	BUY	2.65	Ordinary	14,564	14,564
30-Apr-20	Vanguard Investments Australia Ltd	BUY	2.65	Ordinary	5,800	5,800
1-May-20	Vanguard Investments Australia Ltd	BUY	2.60	Ordinary	10,923	10,923
6-May-20	Vanguard Investments Australia Ltd	SELL	2.61	Ordinary	(5,136)	(5,136)
11-May-20	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	15,000	15,000
11-May-20	Vanguard Investments Australia Ltd	BUY	2.67	Ordinary	21,780	21,780
12-May-20	Vanguard Investments Australia Ltd	BUY	2.65	Ordinary	10,857	10,857
13-May-20	Vanguard Investments Australia Ltd	SELL	2.60	Ordinary	(12,305)	(12,305)
15-May-20	Vanguard Investments Australia Ltd	BUY	2.57	Ordinary	31,008	31,008
19-May-20	Vanguard Investments Australia Ltd	BUY	2.64	Ordinary	32,014	32,014
20-May-20	Vanguard Investments Australia Ltd	BUY	2.65	Ordinary	4,317	4,317
21-May-20	Vanguard Investments Australia Ltd	BUY	2.65	Ordinary	10,854	10,854
22-May-20	Vanguard Investments Australia Ltd	BUY	2.66	Ordinary	38,478	38,478
26-May-20	Vanguard Investments Australia Ltd	BUY	2.81	Ordinary	30,536	30,536
27-May-20	Vanguard Investments Australia Ltd	BUY	2.83	Ordinary	2,714	2,714
27-May-20	Vanguard Investments Australia Ltd	BUY	2.83	Ordinary	29,735	29,735
28-May-20	Vanguard Investments Australia Ltd	BUY	2.89	Ordinary	14,476	14,476
28-May-20	Vanguard Investments Australia Ltd	BUY	2.89	Ordinary	35,507	35,507
1-Jun-20	Vanguard Investments Australia Ltd	BUY	2.91	Ordinary	7,238	7,238
1-Jun-20	Vanguard Investments Australia Ltd	BUY	2.91	Ordinary	46,383	46,383
1-Jun-20	Vanguard Investments Australia Ltd	BUY	2.90	Ordinary	12,343	12,343
2-Jun-20	Vanguard Investments Australia Ltd	SELL	2.86	Ordinary	(4,187)	(4,187)
2-Jun-20	Vanguard Investments Australia Ltd	BUY	2.90	Ordinary	16,800	16,800
3-Jun-20	Vanguard Investments Australia Ltd	BUY	2.90	Ordinary	59,998	59,998
4-Jun-20	Vanguard Investments Australia Ltd	BUY	3.07	Ordinary	14,476	14,476
4-Jun-20	Vanguard Investments Australia Ltd	BUY	3.07	Ordinary	14,476	14,476
4-Jun-20	Vanguard Investments Australia Ltd	BUY	3.07	Ordinary	43,227	43,227
10-Jun-20	Vanguard Investments Australia Ltd	BUY	3.15	Ordinary	3,575	3,575
10-Jun-20	Vanguard Investments Australia Ltd	BUY	3.14	Ordinary	33,777	33,777
11-Jun-20	Vanguard Investments Australia Ltd	SELL	3.01	Ordinary	(2,508)	(2,508)
11-Jun-20	Vanguard Investments Australia Ltd	BUY	3.01	Ordinary	14,300	14,300
11-Jun-20	Vanguard Investments Australia Ltd	BUY	3.01	Ordinary	17,875	17,875
12-Jun-20	Vanguard Investments Australia Ltd	BUY	3.05	Ordinary	32,618	32,618
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	192,198	192,198
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	10,025	10,025
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	18,109	18,109
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	7,946	7,946
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	153,033	153,033
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	100,311	100,311
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	59,364	59,364
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	410,877	410,877

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	77,937	77,937
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	1,936,578	1,936,578
19-Jun-20	Vanguard Investments Australia Ltd	BUY	3.47	Ordinary	235,866	235,866
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	40,191	40,191
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	2,097	2,097
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	3,786	3,786
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	1,662	1,662
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	32,001	32,001
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	20,976	20,976
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	12,415	12,415
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	85,919	85,919
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	16,298	16,298
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	404,962	404,962
22-Jun-20	Vanguard Investments Australia Ltd	BUY	3.41	Ordinary	49,322	49,322
23-Jun-20	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	2,423	2,423
23-Jun-20	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	13,420	13,420
23-Jun-20	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	7,940	7,940
23-Jun-20	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	10,426	10,426
23-Jun-20	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	259,075	259,075
23-Jun-20	Vanguard Investments Australia Ltd	BUY	3.35	Ordinary	31,554	31,554
23-Jun-20	Vanguard Investments Australia Ltd	SELL	3.35	Ordinary	(6,528)	(6,528)
25-Jun-20	Vanguard Investments Australia Ltd	BUY	3.18	Ordinary	17,468	17,468
25-Jun-20	Vanguard Investments Australia Ltd	BUY	3.18	Ordinary	8,947	8,947
29-Jun-20	Vanguard Investments Australia Ltd	BUY	3.20	Ordinary	17,708	17,708
29-Jun-20	Vanguard Investments Australia Ltd	SELL	3.19	Ordinary	(30,774)	(30,774)
30-Jun-20	Vanguard Investments Australia Ltd	SELL	3.18	Ordinary	(140,062)	(140,062)
30-Jun-20	Vanguard Investments Australia Ltd	SELL	3.17	Ordinary	(20,722)	(20,722)
1-Jul-20	Vanguard Investments Australia Ltd	BUY	3.18	Ordinary	4,379	4,379
3-Jul-20	Vanguard Investments Australia Ltd	BUY	3.25	Ordinary	20,464	20,464
6-Jul-20	Vanguard Investments Australia Ltd	BUY	3.26	Ordinary	17,520	17,520
8-Jul-20	Vanguard Investments Australia Ltd	SELL	3.06	Ordinary	(30,000)	(30,000)
8-Jul-20	Vanguard Investments Australia Ltd	SELL	3.06	Ordinary	(46,044)	(46,044)
9-Jul-20	Vanguard Investments Australia Ltd	SELL	3.15	Ordinary	(76,242)	(76,242)
10-Jul-20	Vanguard Investments Australia Ltd	BUY	3.19	Ordinary	53,567	53,567
16-Jul-20	Vanguard Investments Australia Ltd	SELL	3.30	Ordinary	(3,654)	(3,654)
17-Jul-20	Vanguard Investments Australia Ltd	SELL	3.29	Ordinary	(2,212)	(2,212)
23-Jul-20	Vanguard Investments Australia Ltd	SELL	3.35	Ordinary	(7,031)	(7,031)
24-Jul-20	Vanguard Investments Australia Ltd	BUY	3.33	Ordinary	17,516	17,516
24-Jul-20	Vanguard Investments Australia Ltd	BUY	3.33	Ordinary	111,612	111,612
27-Jul-20	Vanguard Investments Australia Ltd	SELL	3.32	Ordinary	(2,192)	(2,192)
28-Jul-20	Vanguard Investments Australia Ltd	BUY	3.25	Ordinary	4,379	4,379
30-Jul-20	Vanguard Investments Australia Ltd	BUY	3.28	Ordinary	5,291	5,291
31-Jul-20	Vanguard Investments Australia Ltd	BUY	3.29	Ordinary	122,453	122,453
3-Aug-20	Vanguard Investments Australia Ltd	BUY	3.29	Ordinary	81,889	81,889
3-Aug-20	Vanguard Investments Australia Ltd	BUY	3.28	Ordinary	47,931	47,931

This is Annexure A of 11 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 6 August 2020