

Form 605
Corporations Act 2001
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme

Perpetual Limited

ACN/ARSN

000 431 827

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

The holder ceased to be a substantial holder on

07 September 2020

The previous notice was given to the company on

29 August 2019

The previous notice was dated

29 August 2019

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
See Annexure A					Vanguard Group now holds 4.998% of voting power

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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

4. 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 Keith Delgado capacity Compliance Manager

sign here  date 10 September 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 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) 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.

- (5) 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.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company
ACN/ARSN Perpetual Limited
000 431 827

Substantial Holder Name
ACN/ARSN Vanguard Group
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
3-Sep-2019	The Vanguard Group, Inc.	BUY	36.30	Ordinary	1,737	1,737
20-Sep-2019	The Vanguard Group, Inc.	SELL	36.78	Ordinary	(492)	(492)
1-Oct-2019	The Vanguard Group, Inc.	BUY	38.21	Ordinary	87	87
4-Oct-2019	The Vanguard Group, Inc.	SELL	40.88	Ordinary	(145)	(145)
14-Oct-2019	The Vanguard Group, Inc.	BUY	33.83	Ordinary	3,016	3,016
15-Oct-2019	The Vanguard Group, Inc.	SELL	33.87	Ordinary	(346)	(346)
25-Oct-2019	The Vanguard Group, Inc.	BUY	37.99	Ordinary	1,027	1,027
18-Nov-2019	The Vanguard Group, Inc.	BUY	39.37	Ordinary	18	18
25-Nov-2019	The Vanguard Group, Inc.	BUY	39.42	Ordinary	2,684	2,684
26-Nov-2019	The Vanguard Group, Inc.	BUY	39.83	Ordinary	3,807	3,807
27-Nov-2019	The Vanguard Group, Inc.	BUY	39.89	Ordinary	82	82
27-Nov-2019	The Vanguard Group, Inc.	BUY	39.97	Ordinary	6	6
3-Dec-2019	The Vanguard Group, Inc.	BUY	39.09	Ordinary	24	24
4-Dec-2019	The Vanguard Group, Inc.	BUY	35.00	Ordinary	8	8
4-Dec-2019	The Vanguard Group, Inc.	BUY	38.76	Ordinary	900	900
6-Dec-2019	The Vanguard Group, Inc.	BUY	39.08	Ordinary	13,322	13,322
13-Dec-2019	The Vanguard Group, Inc.	BUY	40.80	Ordinary	12	12
20-Dec-2019	The Vanguard Group, Inc.	SELL	41.85	Ordinary	(3,655)	(3,655)
30-Dec-2019	The Vanguard Group, Inc.	BUY	42.11	Ordinary	448	448
30-Dec-2019	The Vanguard Group, Inc.	SELL	36.00	Ordinary	(89)	(89)
6-Jan-2020	The Vanguard Group, Inc.	BUY	42.11	Ordinary	212	212
13-Jan-2020	The Vanguard Group, Inc.	BUY	42.39	Ordinary	82	82
14-Jan-2020	The Vanguard Group, Inc.	BUY	42.76	Ordinary	13,582	13,582
15-Jan-2020	The Vanguard Group, Inc.	BUY	28.57	Ordinary	539	539
21-Jan-2020	The Vanguard Group, Inc.	BUY	42.29	Ordinary	1,133	1,133
22-Jan-2020	The Vanguard Group, Inc.	BUY	42.96	Ordinary	82	82
3-Feb-2020	The Vanguard Group, Inc.	BUY	41.33	Ordinary	246	246
10-Feb-2020	The Vanguard Group, Inc.	BUY	42.41	Ordinary	82	82
18-Feb-2020	The Vanguard Group, Inc.	BUY	42.18	Ordinary	444	444
20-Feb-2020	The Vanguard Group, Inc.	BUY	47.27	Ordinary	581	581
21-Feb-2020	The Vanguard Group, Inc.	BUY	45.81	Ordinary	15,551	15,551
24-Feb-2020	The Vanguard Group, Inc.	BUY	43.54	Ordinary	6,421	6,421
25-Feb-2020	The Vanguard Group, Inc.	SELL	41.44	Ordinary	(607)	(607)
4-Mar-2020	The Vanguard Group, Inc.	BUY	36.00	Ordinary	1,012	1,012
12-Mar-2020	The Vanguard Group, Inc.	BUY	28.05	Ordinary	22,752	22,752
13-Mar-2020	The Vanguard Group, Inc.	BUY	28.93	Ordinary	1,568	1,568
16-Mar-2020	The Vanguard Group, Inc.	BUY	27.69	Ordinary	84	84
17-Mar-2020	The Vanguard Group, Inc.	BUY	29.18	Ordinary	1,604	1,604
19-Mar-2020	The Vanguard Group, Inc.	BUY	26.27	Ordinary	27,108	27,108
23-Mar-2020	The Vanguard Group, Inc.	BUY	21.93	Ordinary	83	83
24-Mar-2020	The Vanguard Group, Inc.	SELL	21.43	Ordinary	(1,255)	(1,255)
30-Mar-2020	The Vanguard Group, Inc.	BUY	23.87	Ordinary	84	84
1-Apr-2020	The Vanguard Group, Inc.	BUY	26.53	Ordinary	168	168
7-Apr-2020	The Vanguard Group, Inc.	BUY	26.39	Ordinary	252	252
9-Apr-2020	The Vanguard Group, Inc.	BUY	27.56	Ordinary	563	563
16-Apr-2020	The Vanguard Group, Inc.	BUY	28.50	Ordinary	84	84
22-Apr-2020	The Vanguard Group, Inc.	SELL	26.62	Ordinary	(2,212)	(2,212)
7-May-2020	The Vanguard Group, Inc.	SELL	28.86	Ordinary	(728)	(728)
13-May-2020	The Vanguard Group, Inc.	BUY	29.65	Ordinary	83	83
13-May-2020	The Vanguard Group, Inc.	BUY	29.65	Ordinary	1,006	1,006
15-May-2020	The Vanguard Group, Inc.	BUY	29.00	Ordinary	83	83
21-May-2020	The Vanguard Group, Inc.	BUY	30.58	Ordinary	83	83
22-May-2020	The Vanguard Group, Inc.	SELL	30.37	Ordinary	(1,133)	(1,133)
22-May-2020	The Vanguard Group, Inc.	SELL	30.24	Ordinary	(685)	(685)
9-Jun-2020	The Vanguard Group, Inc.	BUY	35.00	Ordinary	83	83
9-Jun-2020	The Vanguard Group, Inc.	BUY	36.39	Ordinary	43	43
19-Jun-2020	The Vanguard Group, Inc.	SELL	42.26	Ordinary	(2)	(2)
14-Jul-2020	The Vanguard Group, Inc.	SELL	31.31	Ordinary	(2,324)	(2,324)
28-Jul-2020	The Vanguard Group, Inc.	BUY	30.30	Ordinary	2,721	2,721
3-Aug-2020	The Vanguard Group, Inc.	BUY	30.11	Ordinary	249	249
21-Aug-2020	The Vanguard Group, Inc.	BUY	31.93	Ordinary	838	838

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
27-Aug-2019	Vanguard Investments Australia Ltd.	SELL	34.75	Ordinary	(18,795)	(18,795)
29-Aug-2019	Vanguard Investments Australia Ltd.	SELL	35.07	Ordinary	(860)	(860)
29-Aug-2019	Vanguard Investments Australia Ltd.	BUY	35.07	Ordinary	141	141
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	35.55	Ordinary	2,863	2,863
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	36.10	Ordinary	430	430
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	36.10	Ordinary	1,210	1,210
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	36.30	Ordinary	4,362	4,362
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	34.69	Ordinary	964	964
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	34.69	Ordinary	188	188
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	35.14	Ordinary	188	188
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	35.14	Ordinary	4,636	4,636
9-Sep-2019	Vanguard Investments Australia Ltd.	BUY	35.76	Ordinary	188	188
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	35.92	Ordinary	648	648
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	36.89	Ordinary	950	950
19-Sep-2019	Vanguard Investments Australia Ltd.	BUY	36.92	Ordinary	141	141
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	36.77	Ordinary	500	500
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	37.85	Ordinary	765	765
25-Sep-2019	Vanguard Investments Australia Ltd.	BUY	37.50	Ordinary	714	714
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	38.05	Ordinary	648	648
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	38.05	Ordinary	188	188
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	38.05	Ordinary	329	329
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	38.05	Ordinary	612	612
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	36.91	Ordinary	969	969
2-Oct-2019	Vanguard Investments Australia Ltd.	SELL	36.91	Ordinary	(1,224)	(1,224)
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	36.09	Ordinary	276	276
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	36.39	Ordinary	867	867
9-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.11	Ordinary	230	230
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.24	Ordinary	864	864
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.24	Ordinary	864	864
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.24	Ordinary	400	400
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	33.83	Ordinary	6,301	6,301
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.02	Ordinary	7,467	7,467
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.64	Ordinary	184	184
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	34.75	Ordinary	3,024	3,024
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	34.75	Ordinary	138	138
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	34.75	Ordinary	510	510
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.71	Ordinary	510	510
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.55	Ordinary	2,800	2,800
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.76	Ordinary	510	510
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	36.39	Ordinary	1,510	1,510
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	36.39	Ordinary	138	138
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	36.39	Ordinary	184	184
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.93	Ordinary	1,865	1,865
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	35.93	Ordinary	(612)	(612)
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	35.93	Ordinary	1,224	1,224
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	36.48	Ordinary	184	184
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	36.48	Ordinary	138	138
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	37.49	Ordinary	184	184
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	37.49	Ordinary	612	612
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	38.41	Ordinary	184	184
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.46	Ordinary	1,512	1,512
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.46	Ordinary	864	864
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.46	Ordinary	1,728	1,728
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.45	Ordinary	2,015	2,015
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.15	Ordinary	138	138
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.15	Ordinary	561	561
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.08	Ordinary	648	648
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.08	Ordinary	153	153
15-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.98	Ordinary	184	184
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.54	Ordinary	1,080	1,080
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.54	Ordinary	1,728	1,728
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.54	Ordinary	663	663
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.58	Ordinary	357	357
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	38.79	Ordinary	(610)	(610)
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	38.79	Ordinary	184	184
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	38.79	Ordinary	1,071	1,071
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.00	Ordinary	138	138
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.41	Ordinary	1,075	1,075

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-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.41	Ordinary	1,935	1,935
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	39.70	Ordinary	(2,198)	(2,198)
27-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.87	Ordinary	5,933	5,933
28-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.92	Ordinary	138	138
29-Nov-2019	Vanguard Investments Australia Ltd.	BUY	39.73	Ordinary	624	624
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	39.73	Ordinary	2,311	2,311
3-Dec-2019	Vanguard Investments Australia Ltd.	BUY	39.23	Ordinary	276	276
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	37.99	Ordinary	230	230
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	37.99	Ordinary	1,166	1,166
6-Dec-2019	Vanguard Investments Australia Ltd.	Buy	39.13	Ordinary	14,112	14,112
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	39.26	Ordinary	184	184
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	39.26	Ordinary	636	636
11-Dec-2019	Vanguard Investments Australia Ltd.	BUY	39.93	Ordinary	1,118	1,118
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	40.76	Ordinary	184	184
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	40.76	Ordinary	530	530
16-Dec-2019	Vanguard Investments Australia Ltd.	BUY	41.47	Ordinary	624	624
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	42.18	Ordinary	756	756
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	41.87	Ordinary	184	184
27-Dec-2019	Vanguard Investments Australia Ltd.	BUY	42.13	Ordinary	414	414
27-Dec-2019	Vanguard Investments Australia Ltd.	BUY	42.13	Ordinary	141	141
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	42.11	Ordinary	424	424
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	41.92	Ordinary	1,364	1,364
31-Dec-2019	Vanguard Investments Australia Ltd.	SELL	41.12	Ordinary	(738)	(738)
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	41.12	Ordinary	270	270
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	41.02	Ordinary	188	188
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	41.02	Ordinary	636	636
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.22	Ordinary	318	318
8-Jan-2020	Vanguard Investments Australia Ltd.	BUY	41.68	Ordinary	795	795
9-Jan-2020	Vanguard Investments Australia Ltd.	SELL	42.96	Ordinary	(424)	(424)
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.39	Ordinary	612	612
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.39	Ordinary	795	795
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.57	Ordinary	612	612
15-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.69	Ordinary	2,228	2,228
17-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.57	Ordinary	141	141
21-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.29	Ordinary	795	795
23-Jan-2020	Vanguard Investments Australia Ltd.	BUY	43.34	Ordinary	141	141
29-Jan-2020	Vanguard Investments Australia Ltd.	BUY	42.28	Ordinary	188	188
30-Jan-2020	Vanguard Investments Australia Ltd.	BUY	41.38	Ordinary	795	795
7-Feb-2020	Vanguard Investments Australia Ltd.	BUY	42.55	Ordinary	530	530
10-Feb-2020	Vanguard Investments Australia Ltd.	BUY	42.41	Ordinary	1,802	1,802
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	43.20	Ordinary	1,040	1,040
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	43.21	Ordinary	1,969	1,969
13-Feb-2020	Vanguard Investments Australia Ltd.	SELL	43.41	Ordinary	(235)	(235)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	42.28	Ordinary	(2,102)	(2,102)
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	40.50	Ordinary	800	800
27-Feb-2020	Vanguard Investments Australia Ltd.	BUY	39.74	Ordinary	2,223	2,223
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	38.36	Ordinary	(2,516)	(2,516)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	38.44	Ordinary	(888)	(888)
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	38.36	Ordinary	750	750
2-Mar-2020	Vanguard Investments Australia Ltd.	SELL	37.93	Ordinary	(2,692)	(2,692)
2-Mar-2020	Vanguard Investments Australia Ltd.	BUY	37.93	Ordinary	609	609
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	38.85	Ordinary	141	141
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	38.85	Ordinary	1,377	1,377
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	35.84	Ordinary	188	188
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	35.84	Ordinary	867	867
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	36.12	Ordinary	973	973
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	36.12	Ordinary	188	188
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	36.12	Ordinary	2,790	2,790
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.80	Ordinary	288	288
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.80	Ordinary	240	240
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.80	Ordinary	1,785	1,785
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.80	Ordinary	1,865	1,865
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	30.51	Ordinary	2,327	2,327
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.91	Ordinary	432	432
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.91	Ordinary	288	288
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.91	Ordinary	1,250	1,250
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.91	Ordinary	1,000	1,000
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.71	Ordinary	192	192

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.71	Ordinary	1,530	1,530
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.71	Ordinary	867	867
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.71	Ordinary	4,719	4,719
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	28.93	Ordinary	384	384
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	28.93	Ordinary	1,500	1,500
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	28.93	Ordinary	2,862	2,862
16-Mar-2020	Vanguard Investments Australia Ltd.	BUY	27.69	Ordinary	1,750	1,750
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.18	Ordinary	384	384
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.18	Ordinary	288	288
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	29.18	Ordinary	1,250	1,250
18-Mar-2020	Vanguard Investments Australia Ltd.	SELL	26.41	Ordinary	(2,894)	(2,894)
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.41	Ordinary	1,440	1,440
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.41	Ordinary	1,901	1,901
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	25.28	Ordinary	144	144
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	25.28	Ordinary	1,104	1,104
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	26.03	Ordinary	1,519	1,519
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	21.93	Ordinary	700	700
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	23.72	Ordinary	795	795
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	23.68	Ordinary	1,345	1,345
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	23.42	Ordinary	12	12
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	23.68	Ordinary	3,016	3,016
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	23.42	Ordinary	26	26
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.69	Ordinary	1,375	1,375
27-Mar-2020	Vanguard Investments Australia Ltd.	SELL	22.69	Ordinary	(1,485)	(1,485)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	25.23	Ordinary	6,118	6,118
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	25.23	Ordinary	(4,189)	(4,189)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	25.23	Ordinary	1,100	1,100
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.53	Ordinary	689	689
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	25.24	Ordinary	188	188
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	25.24	Ordinary	825	825
3-Apr-2020	Vanguard Investments Australia Ltd.	BUY	24.40	Ordinary	352	352
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.39	Ordinary	961	961
7-Apr-2020	Vanguard Investments Australia Ltd.	SELL	26.39	Ordinary	(1,221)	(1,221)
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.39	Ordinary	188	188
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.39	Ordinary	1,925	1,925
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.53	Ordinary	3,702	3,702
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	27.56	Ordinary	(2,143)	(2,143)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.56	Ordinary	188	188
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.56	Ordinary	1,904	1,904
14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	28.04	Ordinary	(2,921)	(2,921)
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	28.59	Ordinary	1,140	1,140
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	28.19	Ordinary	188	188
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	28.19	Ordinary	141	141
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.14	Ordinary	1,140	1,140
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.14	Ordinary	969	969
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.62	Ordinary	188	188
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	188	188
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	2,508	2,508
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	855	855
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.16	Ordinary	188	188
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	27.16	Ordinary	1,026	1,026
29-Apr-2020	Vanguard Investments Australia Ltd.	BUY	28.12	Ordinary	603	603
30-Apr-2020	Vanguard Investments Australia Ltd.	BUY	30.10	Ordinary	804	804
1-May-2020	Vanguard Investments Australia Ltd.	BUY	28.26	Ordinary	855	855
1-May-2020	Vanguard Investments Australia Ltd.	BUY	28.26	Ordinary	1,140	1,140
4-May-2020	Vanguard Investments Australia Ltd.	BUY	27.92	Ordinary	184	184
4-May-2020	Vanguard Investments Australia Ltd.	BUY	27.92	Ordinary	1,596	1,596
6-May-2020	Vanguard Investments Australia Ltd.	BUY	29.12	Ordinary	184	184
8-May-2020	Vanguard Investments Australia Ltd.	BUY	30.16	Ordinary	58	58
12-May-2020	Vanguard Investments Australia Ltd.	BUY	29.44	Ordinary	184	184
12-May-2020	Vanguard Investments Australia Ltd.	BUY	29.44	Ordinary	826	826
13-May-2020	Vanguard Investments Australia Ltd.	BUY	29.65	Ordinary	885	885
19-May-2020	Vanguard Investments Australia Ltd.	BUY	29.02	Ordinary	1,180	1,180
20-May-2020	Vanguard Investments Australia Ltd.	BUY	30.60	Ordinary	600	600
20-May-2020	Vanguard Investments Australia Ltd.	BUY	30.60	Ordinary	944	944
22-May-2020	Vanguard Investments Australia Ltd.	BUY	30.51	Ordinary	705	705
22-May-2020	Vanguard Investments Australia Ltd.	BUY	30.51	Ordinary	720	720
25-May-2020	Vanguard Investments Australia Ltd.	BUY	30.15	Ordinary	188	188

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-May-2020	Vanguard Investments Australia Ltd.	BUY	30.15	Ordinary	600	600
26-May-2020	Vanguard Investments Australia Ltd.	BUY	30.67	Ordinary	5,332	5,332
26-May-2020	Vanguard Investments Australia Ltd.	BUY	30.72	Ordinary	900	900
27-May-2020	Vanguard Investments Australia Ltd.	BUY	31.15	Ordinary	5,192	5,192
29-May-2020	Vanguard Investments Australia Ltd.	SELL	31.27	Ordinary	(2,042)	(2,042)
29-May-2020	Vanguard Investments Australia Ltd.	BUY	31.27	Ordinary	930	930
3-Jun-2020	Vanguard Investments Australia Ltd.	BUY	31.55	Ordinary	188	188
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	33.11	Ordinary	744	744
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	33.11	Ordinary	930	930
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	35.00	Ordinary	188	188
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	31.59	Ordinary	915	915
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	27.84	Ordinary	1,220	1,220
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	29.32	Ordinary	610	610
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	29.57	Ordinary	930	930
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	28.57	Ordinary	122	122
23-Jun-2020	Vanguard Investments Australia Ltd.	BUY	30.27	Ordinary	7,825	7,825
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	30.40	Ordinary	(1,139)	(1,139)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	28.76	Ordinary	392	392
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	28.76	Ordinary	1,472	1,472
30-Jun-2020	Vanguard Investments Australia Ltd.	SELL	29.67	Ordinary	(2,584)	(2,584)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	31.74	Ordinary	(245)	(245)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	31.74	Ordinary	(594)	(594)
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	3,651	3,651
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	6,945	6,945
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	2,387	2,387
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	3,250	3,250
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	2,531	2,531
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	5,091	5,091
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	28,498	28,498
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	13,468	13,468
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	33,431	33,431
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	9,865	9,865
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	82,048	82,048
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	31.30	Ordinary	845	845
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	30.30	Ordinary	1,080	1,080
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	30.45	Ordinary	1,460	1,460
13-Aug-2020	Vanguard Investments Australia Ltd.	SELL	32.30	Ordinary	(370)	(370)
17-Aug-2020	Vanguard Investments Australia Ltd.	SELL	31.38	Ordinary	(1,134)	(1,134)
21-Aug-2020	Vanguard Investments Australia Ltd.	BUY	31.88	Ordinary	888	888
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	32.00	Ordinary	1,050	1,050
31-Aug-2020	Vanguard Investments Australia Ltd.	BUY	31.03	Ordinary	1,186	1,186
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	30.62	Ordinary	23,497	23,497
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	30.62	Ordinary	200	200
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	30.62	Ordinary	1,152	1,152
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	30.62	Ordinary	576	576
2-Sep-2020	Vanguard Investments Australia Ltd.	SELL	30.80	Ordinary	(24,316)	(24,316)
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	29.41	Ordinary	910	910

This is Annexure A of 5 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature:



Name: Keith Delgado

Capacity: Compliance Manager

Date: 10-September-2020