

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

To Company Name/Scheme AMP Limited
ACN/ARSN 079 354 519

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 23 May 2024

The previous notice was given to the company on 11 July 2022

The previous notice was dated 11 July 2022

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	163,318,732	5.0004%	160,615,303	6.024%

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 – 4,463,825	4,463,825
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 – 10,647,683	10,647,683
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 – 118,630,903	118,630,903
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 – 26,872,892	26,872,892

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 24 May 2024

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 AMP Limited
ACN/ARSN 079 354 519

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

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
8-Jul-2022	The Vanguard Group, Inc.	BUY	1.02	Ordinary	14,372	14,372
8-Jul-2022	The Vanguard Group, Inc.	SELL	1.02	Ordinary	(69,001)	(69,001)
11-Jul-2022	The Vanguard Group, Inc.	BUY	1.02	Ordinary	512,553	512,553
12-Jul-2022	The Vanguard Group, Inc.	BUY	1.01	Ordinary	23,660	23,660
12-Jul-2022	The Vanguard Group, Inc.	BUY	1.01	Ordinary	155,628	155,628
12-Jul-2022	The Vanguard Group, Inc.	BUY	1.01	Ordinary	66,841	66,841
15-Jul-2022	The Vanguard Group, Inc.	BUY	1.02	Ordinary	32,746	32,746
19-Jul-2022	The Vanguard Group, Inc.	SELL	1.02	Ordinary	(125,558)	(125,558)
19-Jul-2022	The Vanguard Group, Inc.	BUY	1.01	Ordinary	492,994	492,994
20-Jul-2022	The Vanguard Group, Inc.	BUY	1.06	Ordinary	10,611	10,611
22-Jul-2022	The Vanguard Group, Inc.	SELL	1.09	Ordinary	(1,309,583)	(1,309,583)
22-Jul-2022	The Vanguard Group, Inc.	SELL	1.09	Ordinary	(5,000)	(5,000)
26-Jul-2022	The Vanguard Group, Inc.	BUY	1.07	Ordinary	30,779	30,779
27-Jul-2022	The Vanguard Group, Inc.	BUY	1.07	Ordinary	45,140	45,140
28-Jul-2022	The Vanguard Group, Inc.	BUY	1.07	Ordinary	5,731	5,731
28-Jul-2022	The Vanguard Group, Inc.	BUY	1.08	Ordinary	22,970	22,970
3-Aug-2022	The Vanguard Group, Inc.	SELL	1.12	Ordinary	(148,045)	(148,045)
3-Aug-2022	The Vanguard Group, Inc.	BUY	1.12	Ordinary	10,548	10,548
4-Aug-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	6,435	6,435
4-Aug-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	13,449	13,449
4-Aug-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	10,548	10,548
4-Aug-2022	The Vanguard Group, Inc.	BUY	1.15	Ordinary	325,144	325,144
10-Aug-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	27,330	27,330
10-Aug-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	54,660	54,660
10-Aug-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	31,885	31,885
10-Aug-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	22,775	22,775
16-Aug-2022	The Vanguard Group, Inc.	BUY	1.09	Ordinary	18,220	18,220
19-Aug-2022	The Vanguard Group, Inc.	BUY	1.13	Ordinary	129,093	129,093
22-Aug-2022	The Vanguard Group, Inc.	BUY	1.11	Ordinary	36,440	36,440
31-Aug-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	83,610	83,610
1-Sep-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	5,765	5,765
1-Sep-2022	The Vanguard Group, Inc.	SELL	1.15	Ordinary	(36,392)	(36,392)
2-Sep-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	31,885	31,885
5-Sep-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	316,609	316,609
5-Sep-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	379,728	379,728
9-Sep-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	22,775	22,775
12-Sep-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	36,440	36,440
21-Sep-2022	The Vanguard Group, Inc.	BUY	1.15	Ordinary	27,798	27,798
23-Sep-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	22,923	22,923
26-Sep-2022	The Vanguard Group, Inc.	BUY	1.12	Ordinary	5,727	5,727
26-Sep-2022	The Vanguard Group, Inc.	BUY	1.12	Ordinary	37,064	37,064
26-Sep-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	31,996	31,996
28-Sep-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	41,645	41,645
30-Sep-2022	The Vanguard Group, Inc.	BUY	1.09	Ordinary	415,464	415,464
4-Oct-2022	The Vanguard Group, Inc.	BUY	1.15	Ordinary	14,064	14,064
6-Oct-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	5,739	5,739
6-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	16,193	16,193
10-Oct-2022	The Vanguard Group, Inc.	BUY	1.13	Ordinary	332,088	332,088
11-Oct-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	14,274	14,274
11-Oct-2022	The Vanguard Group, Inc.	BUY	1.15	Ordinary	6,032	6,032
12-Oct-2022	The Vanguard Group, Inc.	BUY	1.13	Ordinary	38,064	38,064
12-Oct-2022	The Vanguard Group, Inc.	BUY	1.14	Ordinary	357	357
13-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	16,301	16,301
14-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	43,199	43,199
14-Oct-2022	The Vanguard Group, Inc.	BUY	1.16	Ordinary	32,198	32,198
20-Oct-2022	The Vanguard Group, Inc.	BUY	1.16	Ordinary	38,064	38,064
21-Oct-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	33,306	33,306
21-Oct-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	28,548	28,548
21-Oct-2022	The Vanguard Group, Inc.	BUY	1.18	Ordinary	24,612	24,612

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-Oct-2022	The Vanguard Group, Inc.	BUY	1.17	Ordinary	1,510	1,510
24-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	44,086	44,086
25-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	33,755	33,755
25-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	39,381	39,381
25-Oct-2022	The Vanguard Group, Inc.	BUY	1.00	Ordinary	29,101	29,101
25-Oct-2022	The Vanguard Group, Inc.	BUY	1.19	Ordinary	16,082	16,082
25-Oct-2022	The Vanguard Group, Inc.	BUY	1.19	Ordinary	509,939	509,939
26-Oct-2022	The Vanguard Group, Inc.	BUY	1.19	Ordinary	42,822	42,822
28-Oct-2022	The Vanguard Group, Inc.	BUY	1.22	Ordinary	28,548	28,548
1-Nov-2022	The Vanguard Group, Inc.	BUY	1.26	Ordinary	20,461	20,461
1-Nov-2022	The Vanguard Group, Inc.	BUY	1.26	Ordinary	61,854	61,854
4-Nov-2022	The Vanguard Group, Inc.	BUY	1.27	Ordinary	34,580	34,580
4-Nov-2022	The Vanguard Group, Inc.	BUY	1.27	Ordinary	29,640	29,640
9-Nov-2022	The Vanguard Group, Inc.	BUY	1.28	Ordinary	481,217	481,217
10-Nov-2022	The Vanguard Group, Inc.	BUY	1.30	Ordinary	19,760	19,760
10-Nov-2022	The Vanguard Group, Inc.	BUY	1.30	Ordinary	24,700	24,700
10-Nov-2022	The Vanguard Group, Inc.	BUY	1.27	Ordinary	64,665	64,665
16-Nov-2022	The Vanguard Group, Inc.	SELL	1.27	Ordinary	(3,150)	(3,150)
16-Nov-2022	The Vanguard Group, Inc.	SELL	1.26	Ordinary	(10,548)	(10,548)
24-Nov-2022	The Vanguard Group, Inc.	BUY	1.32	Ordinary	114,521	114,521
25-Nov-2022	The Vanguard Group, Inc.	SELL	1.33	Ordinary	(21,505)	(21,505)
1-Dec-2022	The Vanguard Group, Inc.	SELL	1.36	Ordinary	(14,236)	(14,236)
5-Dec-2022	The Vanguard Group, Inc.	BUY	1.34	Ordinary	1,752	1,752
16-Dec-2022	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(48,497)	(48,497)
16-Dec-2022	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(208,316)	(208,316)
16-Dec-2022	The Vanguard Group, Inc.	BUY	1.40	Ordinary	67,601	67,601
16-Dec-2022	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(1,204,769)	(1,204,769)
16-Dec-2022	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(326,145)	(326,145)
16-Dec-2022	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(1,785,103)	(1,785,103)
16-Dec-2022	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(623,979)	(623,979)
19-Dec-2022	The Vanguard Group, Inc.	SELL	1.37	Ordinary	(267,089)	(267,089)
21-Dec-2022	The Vanguard Group, Inc.	SELL	1.37	Ordinary	(1,356)	(1,356)
28-Dec-2022	The Vanguard Group, Inc.	BUY	1.31	Ordinary	54,912	54,912
29-Dec-2022	The Vanguard Group, Inc.	BUY	1.33	Ordinary	5,494	5,494
29-Dec-2022	The Vanguard Group, Inc.	BUY	1.34	Ordinary	27,456	27,456
3-Jan-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(22,311)	(22,311)
4-Jan-2023	The Vanguard Group, Inc.	BUY	1.32	Ordinary	13,964	13,964
4-Jan-2023	The Vanguard Group, Inc.	SELL	1.31	Ordinary	(498,149)	(498,149)
5-Jan-2023	The Vanguard Group, Inc.	BUY	1.32	Ordinary	27,881	27,881
5-Jan-2023	The Vanguard Group, Inc.	BUY	1.31	Ordinary	50,910	50,910
6-Jan-2023	The Vanguard Group, Inc.	BUY	1.33	Ordinary	10,473	10,473
9-Jan-2023	The Vanguard Group, Inc.	BUY	1.27	Ordinary	6,269	6,269
11-Jan-2023	The Vanguard Group, Inc.	SELL	1.32	Ordinary	(2,528)	(2,528)
12-Jan-2023	The Vanguard Group, Inc.	SELL	1.33	Ordinary	(286,235)	(286,235)
18-Jan-2023	The Vanguard Group, Inc.	BUY	1.36	Ordinary	373	373
19-Jan-2023	The Vanguard Group, Inc.	BUY	1.36	Ordinary	10,980	10,980
20-Jan-2023	The Vanguard Group, Inc.	BUY	1.35	Ordinary	22,880	22,880
20-Jan-2023	The Vanguard Group, Inc.	SELL	1.33	Ordinary	(259,848)	(259,848)
23-Jan-2023	The Vanguard Group, Inc.	SELL	1.34	Ordinary	(114,508)	(114,508)
27-Jan-2023	The Vanguard Group, Inc.	SELL	1.34	Ordinary	(76,874)	(76,874)
1-Feb-2023	The Vanguard Group, Inc.	BUY	1.36	Ordinary	26,775	26,775
2-Feb-2023	The Vanguard Group, Inc.	BUY	1.33	Ordinary	28,908	28,908
2-Feb-2023	The Vanguard Group, Inc.	SELL	1.34	Ordinary	(191,321)	(191,321)
3-Feb-2023	The Vanguard Group, Inc.	BUY	1.35	Ordinary	65,971	65,971
3-Feb-2023	The Vanguard Group, Inc.	BUY	1.35	Ordinary	5,212	5,212
3-Feb-2023	The Vanguard Group, Inc.	SELL	1.35	Ordinary	(10,098)	(10,098)
6-Feb-2023	The Vanguard Group, Inc.	BUY	1.35	Ordinary	29,740	29,740
7-Feb-2023	The Vanguard Group, Inc.	BUY	1.32	Ordinary	23,792	23,792
8-Feb-2023	The Vanguard Group, Inc.	BUY	1.37	Ordinary	571	571
9-Feb-2023	The Vanguard Group, Inc.	BUY	1.34	Ordinary	27,456	27,456
16-Feb-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	420	420
17-Feb-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	32,814	32,814
20-Feb-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	2,607	2,607
23-Feb-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	3,021	3,021
23-Feb-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	10,170	10,170
27-Feb-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	9,909	9,909

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Mar-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	45,600	45,600
1-Mar-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	22,800	22,800
1-Mar-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	26,424	26,424
2-Mar-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	5,214	5,214
2-Mar-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	21,147	21,147
2-Mar-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	59,961	59,961
2-Mar-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	28,677	28,677
6-Mar-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	2,607	2,607
8-Mar-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	17,936	17,936
10-Mar-2023	The Vanguard Group, Inc.	SELL	1.01	Ordinary	(53,088)	(53,088)
13-Mar-2023	The Vanguard Group, Inc.	SELL	0.98	Ordinary	(19,908)	(19,908)
15-Mar-2023	The Vanguard Group, Inc.	SELL	0.99	Ordinary	(13,272)	(13,272)
15-Mar-2023	The Vanguard Group, Inc.	SELL	0.99	Ordinary	(9,954)	(9,954)
17-Mar-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	491,688	491,688
17-Mar-2023	The Vanguard Group, Inc.	SELL	0.99	Ordinary	(451,470)	(451,470)
17-Mar-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	23,221	23,221
17-Mar-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	1,599,670	1,599,670
17-Mar-2023	The Vanguard Group, Inc.	SELL	0.99	Ordinary	(21,579)	(21,579)
17-Mar-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	591	591
20-Mar-2023	The Vanguard Group, Inc.	BUY	0.99	Ordinary	2,772	2,772
22-Mar-2023	The Vanguard Group, Inc.	SELL	1.05	Ordinary	(1,836)	(1,836)
24-Mar-2023	The Vanguard Group, Inc.	SELL	1.02	Ordinary	(179,434)	(179,434)
27-Mar-2023	The Vanguard Group, Inc.	SELL	1.06	Ordinary	(141,745)	(141,745)
27-Mar-2023	The Vanguard Group, Inc.	BUY	1.06	Ordinary	3,620	3,620
29-Mar-2023	The Vanguard Group, Inc.	SELL	1.04	Ordinary	(33,180)	(33,180)
6-Apr-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	1,353	1,353
11-Apr-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	5,430	5,430
12-Apr-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	22,535	22,535
12-Apr-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	110,262	110,262
14-Apr-2023	The Vanguard Group, Inc.	SELL	1.12	Ordinary	(6,750)	(6,750)
17-Apr-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	1,836	1,836
17-Apr-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	5,060	5,060
18-Apr-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	9,050	9,050
19-Apr-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	2,730	2,730
20-Apr-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	2,754	2,754
20-Apr-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	39,820	39,820
21-Apr-2023	The Vanguard Group, Inc.	BUY	1.15	Ordinary	5,088	5,088
21-Apr-2023	The Vanguard Group, Inc.	BUY	1.15	Ordinary	262,371	262,371
24-Apr-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	13,521	13,521
25-Apr-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	5,430	5,430
26-Apr-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	3,620	3,620
27-Apr-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	2,754	2,754
27-Apr-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	7,344	7,344
2-May-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	57,375	57,375
3-May-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	22,535	22,535
4-May-2023	The Vanguard Group, Inc.	BUY	1.11	Ordinary	2,754	2,754
4-May-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	3,620	3,620
8-May-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	27,042	27,042
9-May-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	1,836	1,836
9-May-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	6,750	6,750
10-May-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	759	759
12-May-2023	The Vanguard Group, Inc.	BUY	1.11	Ordinary	22,535	22,535
17-May-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	22,535	22,535
19-May-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	2,754	2,754
23-May-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	27,042	27,042
23-May-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	3,620	3,620
24-May-2023	The Vanguard Group, Inc.	BUY	1.06	Ordinary	3,620	3,620
26-May-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	2,754	2,754
26-May-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	22,535	22,535
31-May-2023	The Vanguard Group, Inc.	SELL	1.09	Ordinary	(79,005)	(79,005)
1-Jun-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	3,620	3,620
5-Jun-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	7,240	7,240
8-Jun-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	4,590	4,590
13-Jun-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	1,836	1,836
13-Jun-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	7,737	7,737
13-Jun-2023	The Vanguard Group, Inc.	BUY	1.11	Ordinary	748	748

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-Jun-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	2,174	2,174
15-Jun-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	3,620	3,620
16-Jun-2023	The Vanguard Group, Inc.	SELL	1.15	Ordinary	(70,085)	(70,085)
16-Jun-2023	The Vanguard Group, Inc.	SELL	1.15	Ordinary	(472,985)	(472,985)
16-Jun-2023	The Vanguard Group, Inc.	SELL	1.15	Ordinary	(60,017)	(60,017)
27-Jun-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	3,470	3,470
28-Jun-2023	The Vanguard Group, Inc.	BUY	1.15	Ordinary	3,470	3,470
29-Jun-2023	The Vanguard Group, Inc.	SELL	1.16	Ordinary	(140,056)	(140,056)
30-Jun-2023	The Vanguard Group, Inc.	SELL	1.13	Ordinary	(26,349)	(26,349)
6-Jul-2023	The Vanguard Group, Inc.	BUY	1.02	Ordinary	2,523	2,523
6-Jul-2023	The Vanguard Group, Inc.	SELL	1.02	Ordinary	(14,410)	(14,410)
6-Jul-2023	The Vanguard Group, Inc.	BUY	1.01	Ordinary	3,470	3,470
7-Jul-2023	The Vanguard Group, Inc.	BUY	1.00	Ordinary	11,528	11,528
10-Jul-2023	The Vanguard Group, Inc.	BUY	0.99	Ordinary	48,153	48,153
12-Jul-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	5,292	5,292
12-Jul-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	5,764	5,764
12-Jul-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	8,675	8,675
12-Jul-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	3,470	3,470
13-Jul-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	34,848	34,848
13-Jul-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	3,470	3,470
19-Jul-2023	The Vanguard Group, Inc.	BUY	1.06	Ordinary	4,916	4,916
19-Jul-2023	The Vanguard Group, Inc.	BUY	1.06	Ordinary	3,470	3,470
20-Jul-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	6,940	6,940
20-Jul-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	5,205	5,205
20-Jul-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	3,470	3,470
21-Jul-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	34,815	34,815
21-Jul-2023	The Vanguard Group, Inc.	BUY	1.07	Ordinary	30,492	30,492
25-Jul-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	5,764	5,764
25-Jul-2023	The Vanguard Group, Inc.	BUY	1.08	Ordinary	3,470	3,470
31-Jul-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	1,682	1,682
31-Jul-2023	The Vanguard Group, Inc.	BUY	1.13	Ordinary	4,916	4,916
2-Aug-2023	The Vanguard Group, Inc.	BUY	1.12	Ordinary	152,348	152,348
2-Aug-2023	The Vanguard Group, Inc.	SELL	1.11	Ordinary	(21,780)	(21,780)
3-Aug-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	26,136	26,136
3-Aug-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	70,510	70,510
3-Aug-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	2,650	2,650
3-Aug-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	3,470	3,470
4-Aug-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	926	926
9-Aug-2023	The Vanguard Group, Inc.	BUY	1.10	Ordinary	3,390	3,390
10-Aug-2023	The Vanguard Group, Inc.	BUY	1.15	Ordinary	2,523	2,523
10-Aug-2023	The Vanguard Group, Inc.	BUY	1.15	Ordinary	34,036	34,036
10-Aug-2023	The Vanguard Group, Inc.	BUY	1.15	Ordinary	5,085	5,085
11-Aug-2023	The Vanguard Group, Inc.	BUY	1.25	Ordinary	2,523	2,523
14-Aug-2023	The Vanguard Group, Inc.	BUY	1.21	Ordinary	7,374	7,374
14-Aug-2023	The Vanguard Group, Inc.	BUY	1.21	Ordinary	3,390	3,390
16-Aug-2023	The Vanguard Group, Inc.	BUY	1.22	Ordinary	29,748	29,748
16-Aug-2023	The Vanguard Group, Inc.	BUY	1.22	Ordinary	6,780	6,780
22-Aug-2023	The Vanguard Group, Inc.	BUY	1.24	Ordinary	34,706	34,706
22-Aug-2023	The Vanguard Group, Inc.	BUY	1.24	Ordinary	5,235	5,235
23-Aug-2023	The Vanguard Group, Inc.	BUY	1.22	Ordinary	22,960	22,960
30-Aug-2023	The Vanguard Group, Inc.	SELL	1.26	Ordinary	(23,056)	(23,056)
30-Aug-2023	The Vanguard Group, Inc.	SELL	1.26	Ordinary	(31,769)	(31,769)
31-Aug-2023	The Vanguard Group, Inc.	SELL	1.27	Ordinary	(121,904)	(121,904)
7-Sep-2023	The Vanguard Group, Inc.	BUY	1.27	Ordinary	1,764	1,764
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(89,279)	(89,279)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(392,024)	(392,024)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(1,187,589)	(1,187,589)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(2,463)	(2,463)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(3,277,599)	(3,277,599)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(614,523)	(614,523)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(27,406)	(27,406)
15-Sep-2023	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(149,213)	(149,213)
18-Sep-2023	The Vanguard Group, Inc.	BUY	1.29	Ordinary	3,450	3,450
22-Sep-2023	The Vanguard Group, Inc.	BUY	1.26	Ordinary	21,660	21,660
25-Sep-2023	The Vanguard Group, Inc.	BUY	1.27	Ordinary	3,402	3,402
27-Sep-2023	The Vanguard Group, Inc.	BUY	1.27	Ordinary	2,523	2,523

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
4-Oct-2023	The Vanguard Group, Inc.	BUY	1.19	Ordinary	2,523	2,523
4-Oct-2023	The Vanguard Group, Inc.	BUY	1.20	Ordinary	43,320	43,320
5-Oct-2023	The Vanguard Group, Inc.	SELL	1.21	Ordinary	(12,290)	(12,290)
6-Oct-2023	The Vanguard Group, Inc.	SELL	1.20	Ordinary	(183,193)	(183,193)
12-Oct-2023	The Vanguard Group, Inc.	BUY	1.18	Ordinary	8,664	8,664
12-Oct-2023	The Vanguard Group, Inc.	BUY	1.18	Ordinary	3,208	3,208
18-Oct-2023	The Vanguard Group, Inc.	BUY	1.14	Ordinary	2,523	2,523
25-Oct-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	3,164	3,164
30-Oct-2023	The Vanguard Group, Inc.	BUY	1.01	Ordinary	393,694	393,694
31-Oct-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	308,867	308,867
6-Nov-2023	The Vanguard Group, Inc.	SELL	1.04	Ordinary	(14,410)	(14,410)
7-Nov-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	2,523	2,523
7-Nov-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	2,523	2,523
7-Nov-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	21,835	21,835
10-Nov-2023	The Vanguard Group, Inc.	BUY	1.01	Ordinary	26,202	26,202
14-Nov-2023	The Vanguard Group, Inc.	BUY	1.02	Ordinary	69,872	69,872
20-Nov-2023	The Vanguard Group, Inc.	BUY	0.86	Ordinary	21,835	21,835
20-Nov-2023	The Vanguard Group, Inc.	BUY	0.86	Ordinary	4,908	4,908
29-Nov-2023	The Vanguard Group, Inc.	BUY	0.94	Ordinary	2,523	2,523
30-Nov-2023	The Vanguard Group, Inc.	SELL	0.94	Ordinary	(112,225)	(112,225)
1-Dec-2023	The Vanguard Group, Inc.	BUY	0.94	Ordinary	21,835	21,835
4-Dec-2023	The Vanguard Group, Inc.	BUY	0.94	Ordinary	3,228	3,228
7-Dec-2023	The Vanguard Group, Inc.	BUY	0.93	Ordinary	1,338	1,338
15-Dec-2023	The Vanguard Group, Inc.	SELL	0.94	Ordinary	(50,818)	(50,818)
15-Dec-2023	The Vanguard Group, Inc.	SELL	0.94	Ordinary	(130,504)	(130,504)
15-Dec-2023	The Vanguard Group, Inc.	BUY	0.93	Ordinary	3,252	3,252
28-Dec-2023	The Vanguard Group, Inc.	BUY	0.95	Ordinary	4,623	4,623
2-Jan-2024	The Vanguard Group, Inc.	SELL	0.92	Ordinary	(38,364)	(38,364)
5-Jan-2024	The Vanguard Group, Inc.	BUY	0.96	Ordinary	49,907	49,907
5-Jan-2024	The Vanguard Group, Inc.	SELL	0.96	Ordinary	(27,963)	(27,963)
10-Jan-2024	The Vanguard Group, Inc.	BUY	0.99	Ordinary	3,072	3,072
12-Jan-2024	The Vanguard Group, Inc.	BUY	0.95	Ordinary	12,752	12,752
18-Jan-2024	The Vanguard Group, Inc.	BUY	0.95	Ordinary	22,475	22,475
18-Jan-2024	The Vanguard Group, Inc.	BUY	0.95	Ordinary	9,321	9,321
19-Jan-2024	The Vanguard Group, Inc.	BUY	0.94	Ordinary	18,498	18,498
23-Jan-2024	The Vanguard Group, Inc.	BUY	0.96	Ordinary	5,764	5,764
23-Jan-2024	The Vanguard Group, Inc.	BUY	0.96	Ordinary	26,604	26,604
25-Jan-2024	The Vanguard Group, Inc.	SELL	0.97	Ordinary	(34,450)	(34,450)
30-Jan-2024	The Vanguard Group, Inc.	BUY	0.95	Ordinary	39,736	39,736
1-Feb-2024	The Vanguard Group, Inc.	BUY	0.94	Ordinary	26,652	26,652
2-Feb-2024	The Vanguard Group, Inc.	BUY	0.97	Ordinary	9,832	9,832
5-Feb-2024	The Vanguard Group, Inc.	BUY	0.94	Ordinary	26,652	26,652
7-Feb-2024	The Vanguard Group, Inc.	BUY	0.96	Ordinary	22,210	22,210
12-Feb-2024	The Vanguard Group, Inc.	BUY	0.98	Ordinary	66,630	66,630
13-Feb-2024	The Vanguard Group, Inc.	BUY	0.97	Ordinary	1,318	1,318
16-Feb-2024	The Vanguard Group, Inc.	BUY	1.12	Ordinary	116,451	116,451
16-Feb-2024	The Vanguard Group, Inc.	BUY	1.11	Ordinary	39,978	39,978
20-Feb-2024	The Vanguard Group, Inc.	BUY	1.09	Ordinary	12,792	12,792
22-Feb-2024	The Vanguard Group, Inc.	BUY	1.09	Ordinary	2,882	2,882
22-Feb-2024	The Vanguard Group, Inc.	BUY	1.09	Ordinary	2,781	2,781
5-Mar-2024	The Vanguard Group, Inc.	BUY	1.08	Ordinary	7,374	7,374
5-Mar-2024	The Vanguard Group, Inc.	BUY	1.08	Ordinary	129,172	129,172
8-Mar-2024	The Vanguard Group, Inc.	BUY	1.11	Ordinary	3,066	3,066
15-Mar-2024	The Vanguard Group, Inc.	SELL	1.08	Ordinary	(51,952)	(51,952)
15-Mar-2024	The Vanguard Group, Inc.	SELL	1.08	Ordinary	(83,147)	(83,147)
15-Mar-2024	The Vanguard Group, Inc.	BUY	1.08	Ordinary	46,737	46,737
15-Mar-2024	The Vanguard Group, Inc.	BUY	1.08	Ordinary	37,737	37,737
15-Mar-2024	The Vanguard Group, Inc.	SELL	1.08	Ordinary	(1,065)	(1,065)
15-Mar-2024	The Vanguard Group, Inc.	SELL	1.08	Ordinary	(1,703)	(1,703)
15-Mar-2024	The Vanguard Group, Inc.	SELL	1.08	Ordinary	(47,239)	(47,239)
15-Mar-2024	The Vanguard Group, Inc.	SELL	1.08	Ordinary	(75,606)	(75,606)
15-Mar-2024	The Vanguard Group, Inc.	BUY	1.08	Ordinary	1,332	1,332
21-Mar-2024	The Vanguard Group, Inc.	BUY	1.12	Ordinary	177,268	177,268
25-Mar-2024	The Vanguard Group, Inc.	BUY	1.11	Ordinary	27,304	27,304
27-Mar-2024	The Vanguard Group, Inc.	BUY	1.16	Ordinary	2,781	2,781
28-Mar-2024	The Vanguard Group, Inc.	BUY	1.17	Ordinary	27,000	27,000

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-Apr-2024	The Vanguard Group, Inc.	BUY	1.15	Ordinary	35,864	35,864
2-Apr-2024	The Vanguard Group, Inc.	BUY	1.17	Ordinary	529,326	529,326
5-Apr-2024	The Vanguard Group, Inc.	BUY	1.17	Ordinary	22,355	22,355
10-Apr-2024	The Vanguard Group, Inc.	SELL	1.16	Ordinary	(18,390)	(18,390)
10-Apr-2024	The Vanguard Group, Inc.	BUY	1.17	Ordinary	42,360	42,360
15-Apr-2024	The Vanguard Group, Inc.	BUY	1.15	Ordinary	2,882	2,882
22-Apr-2024	The Vanguard Group, Inc.	BUY	1.10	Ordinary	20,664	20,664
23-Apr-2024	The Vanguard Group, Inc.	BUY	1.11	Ordinary	4,916	4,916
6-May-2024	The Vanguard Group, Inc.	BUY	1.10	Ordinary	98,340	98,340
15-May-2024	The Vanguard Group, Inc.	BUY	1.10	Ordinary	22,390	22,390
8-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	13,320	13,320
11-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	30,660	30,660
12-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	20,134	20,134
13-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	16,655	16,655
14-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	14,077	14,077
15-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	21,504	21,504
15-Jul-2022	Vanguard Investments Australia Ltd.	SELL	1.02	Ordinary	(39,936)	(39,936)
18-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	16,655	16,655
20-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	61,740	61,740
20-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	24,696	24,696
21-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	57,499	57,499
21-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	30,627	30,627
22-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	46,155	46,155
22-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	13,284	13,284
26-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	13,276	13,276
28-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	46,545	46,545
28-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	61,266	61,266
28-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	122,532	122,532
28-Jul-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	4,024	4,024
1-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	13,284	13,284
1-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	6,642	6,642
2-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	15,600	15,600
3-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	9,963	9,963
3-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	16,605	16,605
4-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	46,485	46,485
4-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	51,040	51,040
4-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	8,048	8,048
4-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	10,060	10,060
5-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	13,284	13,284
8-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.16	Ordinary	15,260	15,260
9-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	3,321	3,321
12-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	16,630	16,630
16-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	15,355	15,355
16-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	13,304	13,304
16-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	20,404	20,404
18-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	18,510	18,510
18-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	6,666	6,666
18-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	40,788	40,788
19-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	46,095	46,095
23-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	20,410	20,410
24-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	46,305	46,305
24-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	10,014	10,014
25-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	13,356	13,356
31-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	63,320	63,320
31-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	13,380	13,380
31-Aug-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	10,035	10,035
1-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	15,940	15,940
1-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	30,254	30,254
2-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	10,107	10,107
5-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	79,275	79,275
7-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	20,280	20,280
8-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	22,365	22,365
8-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	10,176	10,176
9-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	79,975	79,975
12-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.18	Ordinary	16,020	16,020
13-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	6,784	6,784

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
13-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	13,568	13,568
14-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.18	Ordinary	10,176	10,176
15-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	10,152	10,152
16-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.21	Ordinary	149,684	149,684
16-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.21	Ordinary	63,955	63,955
19-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.21	Ordinary	15,875	15,875
20-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	15,785	15,785
20-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	10,143	10,143
23-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	63,020	63,020
23-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	25,208	25,208
23-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	30,714	30,714
26-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	20,292	20,292
27-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	28,125	28,125
27-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	10,146	10,146
28-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	13,528	13,528
29-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	27,963	27,963
29-Sep-2022	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	13,528	13,528
30-Sep-2022	Vanguard Investments Australia Ltd.	SELL	1.10	Ordinary	(86,968)	(86,968)
3-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	61,320	61,320
3-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	27,594	27,594
4-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	9,933	9,933
5-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	18,354	18,354
7-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	6,622	6,622
11-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	21,378	21,378
11-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	13,244	13,244
13-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	13,244	13,244
13-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	6,099	6,099
14-Oct-2022	Vanguard Investments Australia Ltd.	SELL	1.19	Ordinary	(154,285)	(154,285)
17-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	15,090	15,090
18-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	60,040	60,040
18-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	6,622	6,622
18-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	30,732	30,732
19-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	6,622	6,622
25-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	65,934	65,934
25-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	30,756	30,756
26-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	17,928	17,928
26-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	16,555	16,555
31-Oct-2022	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	44,730	44,730
2-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	20,643	20,643
3-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	6,624	6,624
3-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	6,624	6,624
3-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	51,275	51,275
7-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	6,111	6,111
9-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	9,963	9,963
9-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	41,156	41,156
9-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	57,269	57,269
11-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	6,642	6,642
14-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	60,000	60,000
15-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	6,654	6,654
16-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	6,654	6,654
16-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	10,285	10,285
16-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	41,140	41,140
17-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	6,664	6,664
21-Nov-2022	Vanguard Investments Australia Ltd.	SELL	1.29	Ordinary	(91,470)	(91,470)
21-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	6,664	6,664
21-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	6,664	6,664
22-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	6,664	6,664
24-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.31	Ordinary	45,960	45,960
28-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	9,996	9,996
29-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	46,110	46,110
30-Nov-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	194,470	194,470
1-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	42,604	42,604
2-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	6,664	6,664
2-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	26,795	26,795
5-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.34	Ordinary	77,575	77,575
7-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	6,666	6,666

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
7-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	9,999	9,999
7-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	10,713	10,713
8-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	13,332	13,332
8-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	8,184	8,184
12-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	30,650	30,650
13-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.37	Ordinary	45,975	45,975
13-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.37	Ordinary	30,650	30,650
13-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.37	Ordinary	32,142	32,142
14-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.38	Ordinary	(88,885)	(88,885)
14-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.38	Ordinary	6,666	6,666
16-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.40	Ordinary	9,999	9,999
16-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.39	Ordinary	(68,685)	(68,685)
20-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	28,880	28,880
20-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	6,440	6,440
21-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.37	Ordinary	(3,220)	(3,220)
22-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.38	Ordinary	(51,894)	(51,894)
22-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.38	Ordinary	6,440	6,440
22-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.38	Ordinary	32,094	32,094
23-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(34,524)	(34,524)
23-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	6,440	6,440
23-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	6,440	6,440
28-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.32	Ordinary	(100,905)	(100,905)
28-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	3,220	3,220
29-Dec-2022	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	6,448	6,448
30-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.32	Ordinary	(187,744)	(187,744)
30-Dec-2022	Vanguard Investments Australia Ltd.	SELL	1.32	Ordinary	(101,219)	(101,219)
3-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	71,775	71,775
3-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	6,370	6,370
3-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	9,555	9,555
3-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	7,640	7,640
5-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	9,555	9,555
13-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(44,985)	(44,985)
17-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	6,374	6,374
17-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	31,395	31,395
18-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	6,374	6,374
18-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	3,822	3,822
20-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.34	Ordinary	(592,680)	(592,680)
20-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.34	Ordinary	(34,398)	(34,398)
24-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(52,310)	(52,310)
24-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(31,386)	(31,386)
24-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(73,234)	(73,234)
24-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(36,309)	(36,309)
25-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(36,309)	(36,309)
30-Jan-2023	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	6,374	6,374
31-Jan-2023	Vanguard Investments Australia Ltd.	SELL	1.34	Ordinary	(1,120,391)	(1,120,391)
1-Feb-2023	Vanguard Investments Australia Ltd.	SELL	1.36	Ordinary	(64,974)	(64,974)
2-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	9,561	9,561
3-Feb-2023	Vanguard Investments Australia Ltd.	SELL	1.35	Ordinary	(49,552)	(49,552)
3-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	61,940	61,940
3-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	9,561	9,561
7-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	6,374	6,374
9-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.35	Ordinary	6,374	6,374
10-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	6,374	6,374
13-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	46,770	46,770
13-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	15,935	15,935
13-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.32	Ordinary	20,926	20,926
15-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.31	Ordinary	9,564	9,564
16-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	15,940	15,940
16-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	9,564	9,564
17-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	49,616	49,616
20-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	9,573	9,573
20-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	20,926	20,926
21-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	45,195	45,195
21-Feb-2023	Vanguard Investments Australia Ltd.	SELL	1.10	Ordinary	(180,780)	(180,780)
22-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	30,130	30,130
22-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	9,591	9,591

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-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	12,796	12,796
23-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	20,974	20,974
27-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	9,612	9,612
27-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	20,928	20,928
28-Feb-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	9,612	9,612
28-Feb-2023	Vanguard Investments Australia Ltd.	SELL	1.04	Ordinary	(415,819)	(415,819)
1-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	43,050	43,050
1-Mar-2023	Vanguard Investments Australia Ltd.	SELL	1.06	Ordinary	(51,660)	(51,660)
1-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	5,769	5,769
2-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	9,630	9,630
2-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	9,630	9,630
3-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	37,180	37,180
6-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	6,426	6,426
7-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	9,642	9,642
7-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	6,428	6,428
7-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	19,514	19,514
8-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	29,283	29,283
10-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	42,600	42,600
10-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	19,440	19,440
13-Mar-2023	Vanguard Investments Australia Ltd.	SELL	1.00	Ordinary	(31,086)	(31,086)
13-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.00	Ordinary	6,480	6,480
14-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	56,460	56,460
14-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	12,960	12,960
14-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	19,440	19,440
14-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	29,238	29,238
15-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	9,723	9,723
16-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	56,440	56,440
16-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	12,964	12,964
17-Mar-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	9,723	9,723
20-Mar-2023	Vanguard Investments Australia Ltd.	SELL	0.99	Ordinary	(73,112)	(73,112)
20-Mar-2023	Vanguard Investments Australia Ltd.	SELL	0.99	Ordinary	(29,253)	(29,253)
21-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	41,190	41,190
21-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	12,696	12,696
22-Mar-2023	Vanguard Investments Australia Ltd.	SELL	1.05	Ordinary	(28,335)	(28,335)
23-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	9,522	9,522
24-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	33,000	33,000
24-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	9,522	9,522
24-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	6,348	6,348
24-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	6,348	6,348
27-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	9,522	9,522
28-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	6,350	6,350
29-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	3,175	3,175
30-Mar-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	6,350	6,350
4-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	41,175	41,175
4-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	18,894	18,894
4-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	5,625	5,625
5-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	12,596	12,596
5-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	19,520	19,520
6-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	5,625	5,625
11-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	3,750	3,750
13-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	3,148	3,148
14-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	6,296	6,296
17-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	29,268	29,268
18-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	162,149	162,149
21-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	20,012	20,012
26-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	18,894	18,894
28-Apr-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	9,444	9,444
28-Apr-2023	Vanguard Investments Australia Ltd.	SELL	1.14	Ordinary	(322,115)	(322,115)
2-May-2023	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	29,240	29,240
3-May-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	26,442	26,442
4-May-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	12,592	12,592
4-May-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	6,296	6,296
5-May-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	30,009	30,009
8-May-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	3,782	3,782
10-May-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	12,616	12,616
10-May-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	59,976	59,976

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
11-May-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	23,952	23,952
12-May-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	24,016	24,016
15-May-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	15,850	15,850
15-May-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	6,340	6,340
16-May-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	29,931	29,931
19-May-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	12,680	12,680
19-May-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	59,844	59,844
24-May-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	39,896	39,896
25-May-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	9,507	9,507
26-May-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	19,954	19,954
31-May-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	9,510	9,510
1-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	30,460	30,460
1-Jun-2023	Vanguard Investments Australia Ltd.	SELL	1.12	Ordinary	(82,242)	(82,242)
1-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	19,020	19,020
1-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	9,510	9,510
2-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	30,078	30,078
6-Jun-2023	Vanguard Investments Australia Ltd.	SELL	1.13	Ordinary	(63,504)	(63,504)
7-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	21,203	21,203
7-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	9,510	9,510
9-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	24,376	24,376
15-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	27,342	27,342
15-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	3,800	3,800
16-Jun-2023	Vanguard Investments Australia Ltd.	SELL	1.15	Ordinary	(1,428,842)	(1,428,842)
16-Jun-2023	Vanguard Investments Australia Ltd.	SELL	1.15	Ordinary	(181,858)	(181,858)
19-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.16	Ordinary	20,056	20,056
22-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	9,504	9,504
22-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	6,336	6,336
22-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	5,550	5,550
23-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	9,504	9,504
23-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	5,550	5,550
26-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	23,360	23,360
26-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	6,336	6,336
27-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	26,289	26,289
27-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	12,672	12,672
27-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	30,093	30,093
29-Jun-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	12,688	12,688
30-Jun-2023	Vanguard Investments Australia Ltd.	SELL	1.13	Ordinary	(67,929)	(67,929)
3-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	45,728	45,728
3-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	9,895	9,895
3-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	5,511	5,511
4-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.14	Ordinary	(184,535)	(184,535)
5-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.07	Ordinary	(140,950)	(140,950)
5-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.07	Ordinary	(28,190)	(28,190)
5-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	6,270	6,270
6-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	3,135	3,135
7-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.00	Ordinary	28,090	28,090
7-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.00	Ordinary	9,405	9,405
10-Jul-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	47,481	47,481
10-Jul-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	18,810	18,810
11-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	9,190	9,190
12-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	12,540	12,540
19-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	28,440	28,440
19-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.06	Ordinary	(15,675)	(15,675)
20-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	14,355	14,355
20-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	29,721	29,721
21-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	21,945	21,945
21-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	91,437	91,437
24-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	22,872	22,872
25-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	19,892	19,892
25-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	129,298	129,298
26-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.09	Ordinary	(12,540)	(12,540)
26-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.09	Ordinary	(288,434)	(288,434)
26-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.09	Ordinary	(36,800)	(36,800)
28-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	6,270	6,270
31-Jul-2023	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	6,270	6,270
31-Jul-2023	Vanguard Investments Australia Ltd.	SELL	1.13	Ordinary	(5,520)	(5,520)

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-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	22,240	22,240
4-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	9,405	9,405
4-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	29,919	29,919
8-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	9,405	9,405
9-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	27,330	27,330
9-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	6,270	6,270
10-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	27,280	27,280
11-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	6,276	6,276
14-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.21	Ordinary	9,417	9,417
16-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	26,400	26,400
16-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	21,120	21,120
16-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	15,730	15,730
16-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	177,733	177,733
16-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	9,438	9,438
17-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	26,360	26,360
17-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	6,292	6,292
17-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	39,884	39,884
18-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	26,230	26,230
18-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	6,292	6,292
21-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	6,292	6,292
22-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	222,870	222,870
22-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	12,588	12,588
23-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	26,400	26,400
23-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	73,920	73,920
23-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	10,560	10,560
23-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	116,160	116,160
23-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	22,036	22,036
23-Aug-2023	Vanguard Investments Australia Ltd.	SELL	1.22	Ordinary	(9,444)	(9,444)
25-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	26,520	26,520
25-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	9,444	9,444
30-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	26,800	26,800
30-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	72,360	72,360
30-Aug-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	9,250	9,250
31-Aug-2023	Vanguard Investments Australia Ltd.	SELL	1.27	Ordinary	(312,468)	(312,468)
1-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	19,040	19,040
4-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	6,342	6,342
6-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	37,772	37,772
6-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	6,338	6,338
7-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	6,354	6,354
8-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	6,356	6,356
11-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	10,812	10,812
11-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	6,356	6,356
11-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	28,494	28,494
12-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	27,100	27,100
12-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	9,534	9,534
14-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	35,282	35,282
14-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.30	Ordinary	(9,290)	(9,290)
15-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.30	Ordinary	(2,262,042)	(2,262,042)
15-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.30	Ordinary	(578,363)	(578,363)
15-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.30	Ordinary	(53,522)	(53,522)
19-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.29	Ordinary	26,980	26,980
19-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.29	Ordinary	(40,258)	(40,258)
20-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	9,012	9,012
21-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	32,376	32,376
21-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	12,016	12,016
22-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	53,980	53,980
22-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	18,030	18,030
25-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.27	Ordinary	(45,917)	(45,917)
25-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	9,015	9,015
25-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	28,452	28,452
26-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	27,030	27,030
26-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	9,015	9,015
27-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	21,488	21,488
27-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.27	Ordinary	12,016	12,016
28-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	10,776	10,776
28-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	9,012	9,012

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-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.26	Ordinary	32,340	32,340
2-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	34,580	34,580
2-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	8,838	8,838
3-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	79,800	79,800
3-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	20,622	20,622
4-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	39,810	39,810
4-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	17,676	17,676
4-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	28,425	28,425
5-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.21	Ordinary	17,676	17,676
6-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.22	Ordinary	23,769	23,769
9-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.23	Ordinary	39,540	39,540
12-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	26,350	26,350
13-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	8,838	8,838
13-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	28,395	28,395
16-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	9,465	9,465
17-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	5,308	5,308
17-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	13,270	13,270
18-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	5,310	5,310
18-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	11,784	11,784
19-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	26,550	26,550
19-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	18,585	18,585
20-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	26,660	26,660
20-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	17,676	17,676
23-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	14,730	14,730
23-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	28,479	28,479
25-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	26,750	26,750
25-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	32,100	32,100
25-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.06	Ordinary	20,622	20,622
26-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	34,593	34,593
26-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	13,305	13,305
30-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	5,892	5,892
30-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	14,730	14,730
31-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	26,420	26,420
31-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	17,676	17,676
1-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	26,450	26,450
2-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	26,310	26,310
2-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	29,460	29,460
3-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	47,740	47,740
3-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	72,418	72,418
3-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	28,644	28,644
6-Nov-2023	Vanguard Investments Australia Ltd.	SELL	1.04	Ordinary	(7,028)	(7,028)
7-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	25,900	25,900
8-Nov-2023	Vanguard Investments Australia Ltd.	SELL	1.04	Ordinary	(8,785)	(8,785)
8-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	45,952	45,952
9-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	5,906	5,906
14-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	14,805	14,805
15-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	25,470	25,470
17-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.86	Ordinary	30,600	30,600
17-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.86	Ordinary	51,000	51,000
17-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.86	Ordinary	12,750	12,750
20-Nov-2023	Vanguard Investments Australia Ltd.	SELL	0.86	Ordinary	(10,100)	(10,100)
21-Nov-2023	Vanguard Investments Australia Ltd.	SELL	0.87	Ordinary	(15,903)	(15,903)
22-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.85	Ordinary	12,650	12,650
22-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.85	Ordinary	11,868	11,868
22-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.85	Ordinary	38,104	38,104
24-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.91	Ordinary	25,530	25,530
24-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.91	Ordinary	2,967	2,967
28-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	8,901	8,901
28-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	3,534	3,534
29-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	25,460	25,460
29-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	23,736	23,736
30-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	5,934	5,934
30-Nov-2023	Vanguard Investments Australia Ltd.	SELL	0.94	Ordinary	(42,566)	(42,566)
1-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	11,868	11,868
6-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	20,872	20,872
7-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	14,840	14,840

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
8-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.96	Ordinary	28,548	28,548
11-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	26,270	26,270
12-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	38,064	38,064
13-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	5,301	5,301
15-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	11,872	11,872
15-Dec-2023	Vanguard Investments Australia Ltd.	SELL	0.94	Ordinary	(267,540)	(267,540)
15-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	14,840	14,840
15-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	28,479	28,479
15-Dec-2023	Vanguard Investments Australia Ltd.	SELL	0.94	Ordinary	(52,183)	(52,183)
20-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	31,224	31,224
21-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.91	Ordinary	306,682	306,682
21-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.91	Ordinary	97,045	97,045
21-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.91	Ordinary	48,325	48,325
22-Dec-2023	Vanguard Investments Australia Ltd.	SELL	0.92	Ordinary	(33,787)	(33,787)
22-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.92	Ordinary	8,682	8,682
29-Dec-2023	Vanguard Investments Australia Ltd.	SELL	0.93	Ordinary	(90,678)	(90,678)
3-Jan-2024	Vanguard Investments Australia Ltd.	SELL	0.93	Ordinary	(11,492)	(11,492)
4-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.96	Ordinary	15,504	15,504
5-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	33,631	33,631
8-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	7,716	7,716
8-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	12,860	12,860
10-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	28,468	28,468
10-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	15,528	15,528
11-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	5,208	5,208
12-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	8,616	8,616
16-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	18,410	18,410
17-Jan-2024	Vanguard Investments Australia Ltd.	SELL	0.93	Ordinary	(15,810)	(15,810)
17-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	8,616	8,616
22-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	26,280	26,280
22-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	28,605	28,605
31-Jan-2024	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	26,740	26,740
2-Feb-2024	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	5,746	5,746
5-Feb-2024	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	8,619	8,619
5-Feb-2024	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	28,644	28,644
7-Feb-2024	Vanguard Investments Australia Ltd.	BUY	0.96	Ordinary	8,619	8,619
8-Feb-2024	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	255,311	255,311
9-Feb-2024	Vanguard Investments Australia Ltd.	SELL	0.98	Ordinary	(118,800)	(118,800)
12-Feb-2024	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	26,360	26,360
15-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	8,505	8,505
20-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	11,504	11,504
21-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	35,504	35,504
21-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	5,764	5,764
21-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	28,749	28,749
22-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	8,652	8,652
23-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	38,400	38,400
26-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	8,530	8,530
26-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	3,412	3,412
27-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	5,774	5,774
29-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	11,584	11,584
5-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	8,700	8,700
7-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	8,754	8,754
11-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	11,672	11,672
12-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	5,836	5,836
13-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	8,754	8,754
14-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	21,528	21,528
14-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	59,202	59,202
15-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	8,748	8,748
15-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	52,187	52,187
19-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	27,380	27,380
19-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	27,380	27,380
20-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	8,757	8,757
20-Mar-2024	Vanguard Investments Australia Ltd.	SELL	1.10	Ordinary	(3,458)	(3,458)
22-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	13,615	13,615
22-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	8,757	8,757
26-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	21,848	21,848
26-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	8,757	8,757

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-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.16	Ordinary	17,514	17,514
28-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	27,150	27,150
2-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.15	Ordinary	(72,657)	(72,657)
2-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	11,492	11,492
2-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	40,688	40,688
3-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	10,756	10,756
3-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	2,873	2,873
4-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	29,799	29,799
5-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	21,744	21,744
5-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.17	Ordinary	(16,308)	(16,308)
5-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.17	Ordinary	28,635	28,635
8-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.16	Ordinary	21,704	21,704
8-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.16	Ordinary	18,991	18,991
9-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	8,619	8,619
10-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.17	Ordinary	(94,640)	(94,640)
11-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	11,492	11,492
15-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.15	Ordinary	11,492	11,492
17-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.14	Ordinary	11,492	11,492
19-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.09	Ordinary	(65,448)	(65,448)
19-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	8,619	8,619
22-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	11,492	11,492
23-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.11	Ordinary	(24,660)	(24,660)
23-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	5,746	5,746
23-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	11,492	11,492
26-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	11,492	11,492
29-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	24,822	24,822
29-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	8,619	8,619
1-May-2024	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	2,796	2,796
1-May-2024	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	8,388	8,388
1-May-2024	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	11,184	11,184
1-May-2024	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	8,619	8,619
2-May-2024	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	22,432	22,432
3-May-2024	Vanguard Investments Australia Ltd.	BUY	1.07	Ordinary	5,746	5,746
6-May-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	8,585	8,585
6-May-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	3,434	3,434
7-May-2024	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	5,756	5,756
8-May-2024	Vanguard Investments Australia Ltd.	BUY	1.12	Ordinary	14,390	14,390
9-May-2024	Vanguard Investments Australia Ltd.	SELL	1.10	Ordinary	(25,290)	(25,290)
10-May-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	8,655	8,655
14-May-2024	Vanguard Investments Australia Ltd.	BUY	1.11	Ordinary	54,693	54,693
17-May-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	8,679	8,679
17-May-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	57,102	57,102
20-May-2024	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	13,685	13,685
21-May-2024	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	8,679	8,679

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



Signature: _____

Name: Shawn Acker _____

Capacity: Compliance Manager _____

Date: 24 May 2024 _____