

Form 605Corporations Act 2001
Section 671B**Notice of ceasing to be a substantial holder**

To Company Name/Scheme Pendal Group Limited

ACN/ARSN 126 385 822

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 13 January 2023

The previous notice was given to the company on 12 August 2022

The previous notice was dated 12 August 2022

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 2.062% 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 Shawn Acker capacity Compliance Manager

sign here  date 17 January 2023

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

Pendal Group Limited
126 385 822

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
16-Sep-22	The Vanguard Group, Inc.	BUY	5.03	Ordinary	85,297	85,297
16-Sep-22	The Vanguard Group, Inc.	BUY	5.03	Ordinary	11,312	11,312
27-Sep-22	The Vanguard Group, Inc.	SELL	4.41	Ordinary	(12,516)	(12,516)
28-Sep-22	The Vanguard Group, Inc.	BUY	4.41	Ordinary	84,271	84,271
4-Oct-22	The Vanguard Group, Inc.	BUY	4.59	Ordinary	1,944	1,944
4-Oct-22	The Vanguard Group, Inc.	BUY	4.46	Ordinary	103,689	103,689
11-Oct-22	The Vanguard Group, Inc.	BUY	4.56	Ordinary	704	704
21-Oct-22	The Vanguard Group, Inc.	BUY	4.70	Ordinary	217	217
21-Oct-22	The Vanguard Group, Inc.	BUY	4.78	Ordinary	3,402	3,402
2-Nov-22	The Vanguard Group, Inc.	BUY	4.96	Ordinary	2,094	2,094
4-Nov-22	The Vanguard Group, Inc.	BUY	4.57	Ordinary	12,564	12,564
16-Nov-22	The Vanguard Group, Inc.	SELL	4.44	Ordinary	(1,458)	(1,458)
18-Nov-22	The Vanguard Group, Inc.	BUY	4.87	Ordinary	10,470	10,470
21-Nov-22	The Vanguard Group, Inc.	BUY	4.84	Ordinary	2,094	2,094
25-Nov-22	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(2,916)	(2,916)
1-Dec-22	The Vanguard Group, Inc.	SELL	4.99	Ordinary	(1,944)	(1,944)
2-Dec-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	4,188	4,188
5-Dec-22	The Vanguard Group, Inc.	BUY	4.95	Ordinary	2,094	2,094
8-Dec-22	The Vanguard Group, Inc.	BUY	4.88	Ordinary	2,094	2,094
9-Dec-22	The Vanguard Group, Inc.	BUY	4.89	Ordinary	2,094	2,094
13-Dec-22	The Vanguard Group, Inc.	BUY	4.98	Ordinary	4,188	4,188
16-Dec-22	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(295)	(295)
16-Dec-22	The Vanguard Group, Inc.	BUY	4.88	Ordinary	55,242	55,242
16-Dec-22	The Vanguard Group, Inc.	BUY	4.87	Ordinary	3,864	3,864
16-Dec-22	The Vanguard Group, Inc.	BUY	4.88	Ordinary	61,603	61,603
16-Dec-22	The Vanguard Group, Inc.	BUY	4.87	Ordinary	4,309	4,309
22-Dec-22	The Vanguard Group, Inc.	BUY	4.93	Ordinary	2,065	2,065
4-Jan-23	The Vanguard Group, Inc.	BUY	5.17	Ordinary	1,852	1,852
6-Jan-23	The Vanguard Group, Inc.	BUY	5.34	Ordinary	1,389	1,389
12-Jan-23	The Vanguard Group, Inc.	SELL	6.80	Ordinary	(333)	(333)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.81	Ordinary	(226)	(226)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.00	Ordinary	(541)	(541)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.13	Ordinary	(5,363)	(5,363)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.87	Ordinary	(901)	(901)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.87	Ordinary	(540)	(540)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.09	Ordinary	(576)	(576)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.76	Ordinary	(3,834)	(3,834)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.73	Ordinary	(2,263)	(2,263)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.58	Ordinary	(846)	(846)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.49	Ordinary	(705)	(705)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.18	Ordinary	(290)	(290)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.36	Ordinary	(427)	(427)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.29	Ordinary	(365)	(365)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.21	Ordinary	(8,022)	(8,022)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.55	Ordinary	(1,008)	(1,008)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.14	Ordinary	(31,628)	(31,628)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.73	Ordinary	(616)	(616)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.76	Ordinary	(4,056)	(4,056)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.76	Ordinary	(4,865)	(4,865)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.78	Ordinary	(1,347)	(1,347)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.85	Ordinary	(10,900)	(10,900)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.44	Ordinary	(1,578)	(1,578)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.17	Ordinary	(3,066)	(3,066)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.69	Ordinary	(18,311)	(18,311)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.53	Ordinary	(38,020)	(38,020)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(3,864)	(3,864)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(55,242)	(55,242)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.74	Ordinary	(11,527)	(11,527)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Jan-23	The Vanguard Group, Inc.	SELL	8.60	Ordinary	(715)	(715)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.66	Ordinary	(6,329)	(6,329)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.47	Ordinary	(3,522)	(3,522)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.55	Ordinary	(2,001)	(2,001)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.18	Ordinary	(1,489,623)	(1,489,623)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.95	Ordinary	(5,019)	(5,019)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.99	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.10	Ordinary	(11,445)	(11,445)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.45	Ordinary	(411)	(411)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.59	Ordinary	(685)	(685)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.65	Ordinary	(45,324)	(45,324)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.58	Ordinary	(71,850)	(71,850)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.36	Ordinary	(1,781)	(1,781)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.96	Ordinary	(17,564)	(17,564)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.10	Ordinary	(91,051)	(91,051)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.26	Ordinary	(959)	(959)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.94	Ordinary	(10,770)	(10,770)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.82	Ordinary	(685)	(685)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.39	Ordinary	(2,466)	(2,466)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.25	Ordinary	(5,206)	(5,206)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.40	Ordinary	(29,133)	(29,133)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.48	Ordinary	(43,790)	(43,790)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.67	Ordinary	(411)	(411)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.85	Ordinary	(54,780)	(54,780)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.05	Ordinary	(5,019)	(5,019)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.05	Ordinary	(2,868)	(2,868)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.88	Ordinary	(31,489)	(31,489)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.79	Ordinary	(822)	(822)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.93	Ordinary	(1,644)	(1,644)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.97	Ordinary	(16,667)	(16,667)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.07	Ordinary	(47,692)	(47,692)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.95	Ordinary	(66,284)	(66,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.52	Ordinary	(1,053)	(1,053)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.68	Ordinary	(8,604)	(8,604)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.75	Ordinary	(10,038)	(10,038)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.85	Ordinary	(5,736)	(5,736)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.99	Ordinary	(96,469)	(96,469)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.46	Ordinary	(20,076)	(20,076)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.58	Ordinary	(10,038)	(10,038)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.00	Ordinary	(6,453)	(6,453)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.82	Ordinary	(3,585)	(3,585)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.85	Ordinary	(5,736)	(5,736)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.42	Ordinary	(5,019)	(5,019)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.36	Ordinary	(11,472)	(11,472)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.62	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.12	Ordinary	(3,660)	(3,660)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.66	Ordinary	(915)	(915)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.53	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.74	Ordinary	(3,660)	(3,660)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.91	Ordinary	(610)	(610)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.09	Ordinary	(2,135)	(2,135)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.36	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.36	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.53	Ordinary	(2,135)	(2,135)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.64	Ordinary	(1,830)	(1,830)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(4,270)	(4,270)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.69	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.83	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.83	Ordinary	(2,745)	(2,745)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.81	Ordinary	(1,525)	(1,525)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.83	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(915)	(915)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.93	Ordinary	(3,660)	(3,660)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.93	Ordinary	(3,050)	(3,050)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Jan-23	The Vanguard Group, Inc.	SELL	9.85	Ordinary	(1,284)	(1,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.81	Ordinary	(3,210)	(3,210)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.83	Ordinary	(1,830)	(1,830)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.85	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.31	Ordinary	(5,736)	(5,736)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.91	Ordinary	(8,604)	(8,604)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.64	Ordinary	(5,019)	(5,019)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.51	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.56	Ordinary	(12,189)	(12,189)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.18	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.91	Ordinary	(5,736)	(5,736)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.94	Ordinary	(4,302)	(4,302)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.84	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.84	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.99	Ordinary	(7,170)	(7,170)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.92	Ordinary	(5,736)	(5,736)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.45	Ordinary	(610)	(610)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.49	Ordinary	(1,220)	(1,220)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(3,730)	(3,730)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(10,755)	(10,755)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.57	Ordinary	(1,525)	(1,525)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.59	Ordinary	(3,660)	(3,660)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.45	Ordinary	(3,660)	(3,660)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.51	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.59	Ordinary	(1,220)	(1,220)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.73	Ordinary	(2,135)	(2,135)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.85	Ordinary	(3,050)	(3,050)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.76	Ordinary	(1,830)	(1,830)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.60	Ordinary	(3,230)	(3,230)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.02	Ordinary	(3,876)	(3,876)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.84	Ordinary	(3,230)	(3,230)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.36	Ordinary	(3,288)	(3,288)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.29	Ordinary	(4,384)	(4,384)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.32	Ordinary	(3,288)	(3,288)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.45	Ordinary	(2,740)	(2,740)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.54	Ordinary	(4,384)	(4,384)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.93	Ordinary	(1,731)	(1,731)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.83	Ordinary	(3,462)	(3,462)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.84	Ordinary	(1,938)	(1,938)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.38	Ordinary	(2,584)	(2,584)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.13	Ordinary	(3,230)	(3,230)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.97	Ordinary	(24,792)	(24,792)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.93	Ordinary	(8,078)	(8,078)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.22	Ordinary	(4,644)	(4,644)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.84	Ordinary	(8,655)	(8,655)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.85	Ordinary	(10,386)	(10,386)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.68	Ordinary	(413)	(413)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.00	Ordinary	(3,612)	(3,612)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.00	Ordinary	(9,804)	(9,804)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.02	Ordinary	(49,963)	(49,963)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.25	Ordinary	(3,096)	(3,096)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.06	Ordinary	(6,708)	(6,708)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.90	Ordinary	(3,096)	(3,096)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.76	Ordinary	(41,721)	(41,721)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.20	Ordinary	(40,563)	(40,563)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.73	Ordinary	(6,333)	(6,333)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.66	Ordinary	(65,116)	(65,116)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.74	Ordinary	(118,590)	(118,590)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.60	Ordinary	(7,342)	(7,342)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.53	Ordinary	(391,174)	(391,174)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.47	Ordinary	(36,232)	(36,232)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.55	Ordinary	(20,588)	(20,588)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.84	Ordinary	(47,556)	(47,556)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.32	Ordinary	(53,439)	(53,439)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.23	Ordinary	(94,278)	(94,278)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(61,603)	(61,603)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(66,030)	(66,030)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(50,533)	(50,533)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(85,297)	(85,297)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(4,309)	(4,309)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.97	Ordinary	(1,605)	(1,605)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.23	Ordinary	(6,420)	(6,420)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.21	Ordinary	(3,210)	(3,210)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.21	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.28	Ordinary	(4,494)	(4,494)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.97	Ordinary	(1,284)	(1,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.40	Ordinary	(642)	(642)
12-Jan-23	The Vanguard Group, Inc.	SELL	13.02	Ordinary	(5,778)	(5,778)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.38	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.48	Ordinary	(1,284)	(1,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.48	Ordinary	(3,210)	(3,210)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.41	Ordinary	(6,420)	(6,420)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.03	Ordinary	(3,852)	(3,852)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.85	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.47	Ordinary	(3,210)	(3,210)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.47	Ordinary	(642)	(642)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.47	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.83	Ordinary	(1,284)	(1,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.86	Ordinary	(4,494)	(4,494)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.81	Ordinary	(1,605)	(1,605)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.43	Ordinary	(3,210)	(3,210)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.09	Ordinary	(321)	(321)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.17	Ordinary	(4,494)	(4,494)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.34	Ordinary	(7,062)	(7,062)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.21	Ordinary	(6,420)	(6,420)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.21	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.88	Ordinary	(1,284)	(1,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(5,778)	(5,778)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(5,778)	(5,778)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.15	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.97	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.77	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.09	Ordinary	(2,889)	(2,889)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.86	Ordinary	(3,852)	(3,852)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.53	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.77	Ordinary	(7,704)	(7,704)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.53	Ordinary	(5,136)	(5,136)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.40	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.86	Ordinary	(2,568)	(2,568)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.96	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.45	Ordinary	(2,568)	(2,568)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.40	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.70	Ordinary	(4,173)	(4,173)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.06	Ordinary	(2,247)	(2,247)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.30	Ordinary	(2,247)	(2,247)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.50	Ordinary	(3,852)	(3,852)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.44	Ordinary	(102,708)	(102,708)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(3,531)	(3,531)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.20	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.13	Ordinary	(4,494)	(4,494)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.30	Ordinary	(4,494)	(4,494)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.21	Ordinary	(4,173)	(4,173)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.21	Ordinary	(2,568)	(2,568)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.00	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.17	Ordinary	(1,605)	(1,605)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.55	Ordinary	(3,852)	(3,852)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.21	Ordinary	(2,568)	(2,568)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.84	Ordinary	(1,605)	(1,605)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Jan-23	The Vanguard Group, Inc.	SELL	10.89	Ordinary	(2,568)	(2,568)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.88	Ordinary	(1,926)	(1,926)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.44	Ordinary	(6,440)	(6,440)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.86	Ordinary	(1,284)	(1,284)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.49	Ordinary	(2,300)	(2,300)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.32	Ordinary	(5,520)	(5,520)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.37	Ordinary	(1,840)	(1,840)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.67	Ordinary	(2,300)	(2,300)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.26	Ordinary	(2,760)	(2,760)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.14	Ordinary	(3,680)	(3,680)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.52	Ordinary	(2,760)	(2,760)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.38	Ordinary	(3,680)	(3,680)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.39	Ordinary	(2,814)	(2,814)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.39	Ordinary	(4,690)	(4,690)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.86	Ordinary	(3,220)	(3,220)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.17	Ordinary	(4,140)	(4,140)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.67	Ordinary	(2,345)	(2,345)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.48	Ordinary	(3,162)	(3,162)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.29	Ordinary	(4,221)	(4,221)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.29	Ordinary	(5,628)	(5,628)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.01	Ordinary	(2,108)	(2,108)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(5,270)	(5,270)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(2,635)	(2,635)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.17	Ordinary	(1,581)	(1,581)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.24	Ordinary	(3,689)	(3,689)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.76	Ordinary	(1,581)	(1,581)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.28	Ordinary	(8,432)	(8,432)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.05	Ordinary	(3,162)	(3,162)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.24	Ordinary	(7,905)	(7,905)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.20	Ordinary	(6,324)	(6,324)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.25	Ordinary	(3,168)	(3,168)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.51	Ordinary	(2,635)	(2,635)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.23	Ordinary	(5,522)	(5,522)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.03	Ordinary	(2,112)	(2,112)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.52	Ordinary	(8,768)	(8,768)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.65	Ordinary	(3,288)	(3,288)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.17	Ordinary	(27,108)	(27,108)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.69	Ordinary	(161,931)	(161,931)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.63	Ordinary	(2,192)	(2,192)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.63	Ordinary	(5,480)	(5,480)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.63	Ordinary	(4,384)	(4,384)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.58	Ordinary	(3,288)	(3,288)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.86	Ordinary	(893)	(893)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.97	Ordinary	(514)	(514)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.34	Ordinary	(1,200)	(1,200)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.33	Ordinary	(720)	(720)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.33	Ordinary	(1,680)	(1,680)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.70	Ordinary	(2,313)	(2,313)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.80	Ordinary	(771)	(771)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.80	Ordinary	(1,799)	(1,799)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.05	Ordinary	(1,028)	(1,028)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.31	Ordinary	(514)	(514)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.95	Ordinary	(1,542)	(1,542)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.77	Ordinary	(1,028)	(1,028)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.53	Ordinary	(771)	(771)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.31	Ordinary	(2,570)	(2,570)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.58	Ordinary	(1,285)	(1,285)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.44	Ordinary	(22,070)	(22,070)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.00	Ordinary	(1,285)	(1,285)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.17	Ordinary	(5,013)	(5,013)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.69	Ordinary	(4,927)	(4,927)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.42	Ordinary	(2,827)	(2,827)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.62	Ordinary	(771)	(771)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.74	Ordinary	(1,542)	(1,542)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.18	Ordinary	(12,975)	(12,975)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Jan-23	The Vanguard Group, Inc.	SELL	6.76	Ordinary	(2,625)	(2,625)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.61	Ordinary	(1,875)	(1,875)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.05	Ordinary	(3,375)	(3,375)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.96	Ordinary	(1,125)	(1,125)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.80	Ordinary	(1,125)	(1,125)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.44	Ordinary	(1,500)	(1,500)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.62	Ordinary	(6,750)	(6,750)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.57	Ordinary	(5,250)	(5,250)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.80	Ordinary	(3,000)	(3,000)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.60	Ordinary	(3,375)	(3,375)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.14	Ordinary	(412)	(412)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.57	Ordinary	(1,500)	(1,500)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.46	Ordinary	(1,572)	(1,572)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.59	Ordinary	(1,500)	(1,500)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.52	Ordinary	(1,125)	(1,125)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.20	Ordinary	(3,750)	(3,750)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.34	Ordinary	(3,144)	(3,144)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.63	Ordinary	(1,572)	(1,572)
12-Jan-23	The Vanguard Group, Inc.	SELL	7.35	Ordinary	(1,572)	(1,572)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.66	Ordinary	(1,658)	(1,658)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.05	Ordinary	(642)	(642)
12-Jan-23	The Vanguard Group, Inc.	SELL	12.15	Ordinary	(856)	(856)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.67	Ordinary	(63,857)	(63,857)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.51	Ordinary	(54,155)	(54,155)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.85	Ordinary	(640)	(640)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.85	Ordinary	(1,120)	(1,120)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.57	Ordinary	(320)	(320)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.12	Ordinary	(320)	(320)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.92	Ordinary	(480)	(480)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.40	Ordinary	(2,720)	(2,720)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.75	Ordinary	(9,942)	(9,942)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.62	Ordinary	(3,390)	(3,390)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(800)	(800)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.81	Ordinary	(1,416)	(1,416)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.81	Ordinary	(1,180)	(1,180)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.94	Ordinary	(1,416)	(1,416)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.64	Ordinary	(1,600)	(1,600)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.60	Ordinary	(480)	(480)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.66	Ordinary	(1,888)	(1,888)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.74	Ordinary	(1,416)	(1,416)
12-Jan-23	The Vanguard Group, Inc.	SELL	9.91	Ordinary	(708)	(708)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.36	Ordinary	(960)	(960)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.36	Ordinary	(720)	(720)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.50	Ordinary	(960)	(960)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.03	Ordinary	(240)	(240)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.22	Ordinary	(720)	(720)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.95	Ordinary	(13,133)	(13,133)
12-Jan-23	The Vanguard Group, Inc.	SELL	10.97	Ordinary	(720)	(720)
12-Jan-23	The Vanguard Group, Inc.	SELL	11.36	Ordinary	(1,920)	(1,920)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.51	Ordinary	(2,358)	(2,358)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.51	Ordinary	(1,572)	(1,572)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.12	Ordinary	(1,965)	(1,965)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.32	Ordinary	(3,930)	(3,930)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.76	Ordinary	(4,211)	(4,211)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.74	Ordinary	(11,965)	(11,965)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.73	Ordinary	(640)	(640)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.83	Ordinary	(4,815)	(4,815)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.83	Ordinary	(3,745)	(3,745)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.83	Ordinary	(9,630)	(9,630)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.60	Ordinary	(742)	(742)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.66	Ordinary	(6,570)	(6,570)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.47	Ordinary	(3,657)	(3,657)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.55	Ordinary	(2,078)	(2,078)
12-Jan-23	The Vanguard Group, Inc.	SELL	8.53	Ordinary	(39,469)	(39,469)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.83	Ordinary	(1,605)	(1,605)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(9,100)	(9,100)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(2,275)	(2,275)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(6,825)	(6,825)
12-Jan-23	The Vanguard Group, Inc.	SELL	6.10	Ordinary	(1,605)	(1,605)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.89	Ordinary	(2,240)	(2,240)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.89	Ordinary	(1,692)	(1,692)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.83	Ordinary	(4,480)	(4,480)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,365)	(1,365)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,820)	(1,820)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(5,757)	(5,757)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,458)	(1,458)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,458)	(1,458)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(5,460)	(5,460)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(3,640)	(3,640)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,365)	(1,365)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,872)	(1,872)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(15,066)	(15,066)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,852)	(1,852)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(1,389)	(1,389)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(4,374)	(4,374)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,458)	(1,458)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,944)	(1,944)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(3,402)	(3,402)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.83	Ordinary	(12,078)	(12,078)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(16,030)	(16,030)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(5,856)	(5,856)
12-Jan-23	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(5,223)	(5,223)
13-Jan-23	The Vanguard Group, Inc.	SELL	5.30	Ordinary	(3,151)	(3,151)
13-Jan-23	The Vanguard Group, Inc.	SELL	5.30	Ordinary	(48,468)	(48,468)
13-Jan-23	The Vanguard Group, Inc.	SELL	7.77	Ordinary	(6,352)	(6,352)
13-Jan-23	The Vanguard Group, Inc.	SELL	10.12	Ordinary	(9,912)	(9,912)
12-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	1,950	1,950
16-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	1,980	1,980
16-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	2,268	2,268
16-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	1,560	1,560
18-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	2,388	2,388
18-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	4,532	4,532
18-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	782	782
19-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	5,865	5,865
23-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	2,268	2,268
24-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	5,805	5,805
24-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	1,173	1,173
25-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	1,564	1,564
31-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	7,280	7,280
31-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	13,478	13,478
31-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	1,176	1,176
31-Aug-22	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	1,568	1,568
1-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	1,835	1,835
2-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	1,185	1,185
5-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	9,050	9,050
7-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	2,376	2,376
8-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	2,513	2,513
8-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	1,191	1,191
9-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	8,950	8,950
12-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	1,790	1,790
13-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	1,592	1,592
13-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	796	796
14-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	1,191	1,191
15-Sep-22	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	1,188	1,188
19-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	1,905	1,905
20-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	1,915	1,915
20-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	1,188	1,188
23-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	3,064	3,064
23-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	7,660	7,660
23-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	3,414	3,414

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
26-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.57	Ordinary	2,376	2,376
27-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	3,438	3,438
27-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	1,188	1,188
28-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	1,584	1,584
29-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	3,420	3,420
29-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	1,584	1,584
30-Sep-22	Vanguard Investments Australia Ltd.	SELL	4.50	Ordinary	(10,640)	(10,640)
3-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	3,366	3,366
3-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	7,480	7,480
4-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	1,164	1,164
5-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.72	Ordinary	2,220	2,220
7-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	776	776
11-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.56	Ordinary	2,597	2,597
11-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.56	Ordinary	1,552	1,552
13-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.55	Ordinary	1,552	1,552
13-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.55	Ordinary	714	714
17-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.58	Ordinary	1,875	1,875
18-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	7,440	7,440
18-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	3,414	3,414
18-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	776	776
19-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	776	776
25-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	8,162	8,162
25-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	3,417	3,417
26-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	2,244	2,244
26-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	1,940	1,940
31-Oct-22	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	5,595	5,595
2-Nov-22	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	2,597	2,597
3-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	5,700	5,700
3-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	776	776
3-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	776	776
7-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	717	717
9-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	4,572	4,572
9-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	1,167	1,167
11-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	778	778
14-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.16	Ordinary	7,340	7,340
15-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.27	Ordinary	780	780
16-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	1,143	1,143
16-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	4,572	4,572
16-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	780	780
17-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	782	782
21-Nov-22	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(10,500)	(10,500)
21-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	782	782
21-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	782	782
22-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	782	782
23-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	15,377	15,377
24-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	5,280	5,280
28-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	1,173	1,173
29-Nov-22	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	5,325	5,325
30-Nov-22	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	23,782	23,782
1-Dec-22	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	4,736	4,736
2-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	3,845	3,845
2-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	782	782
5-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	8,925	8,925
7-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	1,191	1,191
7-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	782	782
7-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	1,173	1,173
8-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	1,564	1,564
8-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	960	960
12-Dec-22	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	3,560	3,560
13-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	3,560	3,560
13-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	5,340	5,340
13-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	3,573	3,573
14-Dec-22	Vanguard Investments Australia Ltd.	SELL	4.90	Ordinary	(10,266)	(10,266)
14-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	782	782
16-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	37,361	37,361

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
16-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	2,614	2,614
16-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	1,173	1,173
16-Dec-22	Vanguard Investments Australia Ltd.	SELL	4.87	Ordinary	(10,492)	(10,492)
20-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	3,570	3,570
20-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	790	790
21-Dec-22	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(395)	(395)
22-Dec-22	Vanguard Investments Australia Ltd.	SELL	4.99	Ordinary	(6,336)	(6,336)
22-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	3,567	3,567
22-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	790	790
23-Dec-22	Vanguard Investments Australia Ltd.	SELL	4.97	Ordinary	(4,224)	(4,224)
23-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	790	790
23-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	790	790
28-Dec-22	Vanguard Investments Australia Ltd.	SELL	4.98	Ordinary	(12,320)	(12,320)
28-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	395	395
29-Dec-22	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	792	792
30-Dec-22	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(12,938)	(12,938)
3-Jan-23	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	8,650	8,650
3-Jan-23	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	782	782
3-Jan-23	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	1,173	1,173
3-Jan-23	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	940	940
5-Jan-23	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	1,173	1,173
12-Jan-23	Vanguard Investments Australia Ltd.	CORPORATE ACTION	-	Ordinary	(4,794,663)	(4,794,663)
12-Jan-23	Vanguard Investments Australia Ltd.	CORPORATE ACTION	-	Ordinary	(686,003)	(686,003)
12-Jan-23	Vanguard Investments Australia Ltd.	CORPORATE ACTION	-	Ordinary	(1,163,563)	(1,163,563)
12-Jan-23	Vanguard Investments Australia Ltd.	CORPORATE ACTION	-	Ordinary	(161,106)	(161,106)

This is Annexure A of 9 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 17 January 2023