Form 603

Corporations Act 2001

Section 671B

Notice of initial substantial holder

To Company Name/Scheme	APA Group
ACN/ARSN	091 344 704
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 became a substantial holder on	04 January 2022

2. Details of 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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary	59,009,213	59,009,213	5.001%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
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 – 59,009,213

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Ordinary – 3,571,090
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 4,140,150
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 42,012,778
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 9,285,195

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)	Class and number of securities			
See Annexure A						

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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

7. 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

print name Shawn Acker capacity Compliance Manager

sign here

Staquin forme date

06 January 2022

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related 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 7 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 total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an Associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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.

- (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) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest has 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 of its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

To Company APA Group ACN/ARSN 091 344 704

Substantial Holder Name ACN/ARSN

ame Vanguard Group N/A

3-Sep-21 The Vangu 3-Sep-21 The Vangu 3-Sep-21 The Vangu 7-Sep-21 The Vangu 8-Sep-21 The Vangu 10-Sep-21 The Vangu 11 Sep-21 11 Feangu 11 Sep-21 11 Sep-21 11 Feangu 21 Sep-21 11 Vangu 22 Sep-21 11 Vangu 23 Sep-21 11 Vangu 23 Sep-21 11 Vangu 24 Sep-21 11 Vangu 24	Jard Group, Inc. Jard Group, Inc.	Change(6) BUY BUY BUY BUY BUY BUY SELL SELL SELL SELL SELL SELL SELL SEL	9.15 9.26 9.26 9.30 9.07 9.13 9.04 9.01 9.01 9.01 9.01 9.01 9.01 9.01 8.81 8.81 8.84 8.85 8.55 8.73 8.73 8.73 8.73	Class Ordinary	affected 4,079 1,905 2,234 561 15,331 15,310 568 (6,723) (16,032) (16,032) (5,772) (6,658) (292,447) (35,667) (35,667) 1,628 1,270 70,028 790 7,932 188,529 1,270 16,962 48,036 (372)	affected 4,079 1,905 2,234 561 15,331 15,310 568 (6,723) 1,905 (16,032) (5,772) (6,658) (292,447) (35,667) 6,350 1,628 1,270 70,028 7990 7,932 188,529 1,270 16,962 48,036
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21-Sep-21 The Vangu 21-Sep-21 The Vangu 22-Sep-21 The Vangu 23-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY	8.46 8.45 8.55 8.73 8.73 8.66 8.73 8.66 8.66 8.81 8.66	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	1,628 1,270 70,028 790 7,932 188,529 1,270 16,962 48,036	1,628 1,270 70,028 790 7,932 188,529 1,270 16,962
22-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 30-Sep-21 The Vangu 28-Sep-21 The Vangu 4-Oct-21 The Vangu 29-Sep-21 The Vangu 4-Oct-21 The Vangu 20-Sep-21 The Vangu 21-Sep-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY BUY BUY BUY BUY SUY BUY	8.55 8.73 8.66 8.73 8.66 8.73 8.66 8.86 8.86 8.81 8.66	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	70,028 790 7,932 188,529 1,270 16,962 48,036	70,028 790 7,932 188,529 1,270 16,962
23-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 30-Sep-21 The Vangu 31-Sep-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY BUY BUY BUY BUY SELL BUY BUY BUY	8.73 8.73 8.66 8.73 8.66 8.66 8.66 8.81 8.66	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	790 7,932 188,529 1,270 16,962 48,036	790 7,932 188,529 1,270 16,962
23-Sep-21 The Vangu 23-Sep-21 The Vangu 23-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 26-Oct-21 The Vangu 27-Oct-21 The Vangu 27-Oct-21 The Vangu 28-Oct-21 The Vangu 29-Oct-21 The Vangu 20-Oct-21 The Vangu 21-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY BUY BUY BUY SELL BUY BUY BUY	8.73 8.66 8.73 8.66 8.66 8.81 8.81 8.66	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	7,932 188,529 1,270 16,962 48,036	7,932 188,529 1,270 16,962
23-Sep-21 The Vangu 23-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu	uard Group, Inc. Jard Group, Inc.	BUY BUY BUY SELL BUY BUY BUY BUY BUY BUY BUY	8.66 8.73 8.66 8.66 8.81 8.81 8.66	Ordinary Ordinary Ordinary Ordinary Ordinary	188,529 1,270 16,962 48,036	188,529 1,270 16,962
23-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 11-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 25-Oct-21 The Vangu 26-Oct-21 The Vangu 27-Oct-21 The Vangu 21-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.	BUY BUY SELL BUY BUY BUY	8.73 8.66 8.66 8.81 8.66	Ordinary Ordinary Ordinary Ordinary	1,270 16,962 48,036	1,270 16,962
24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.	BUY BUY SELL BUY BUY BUY	8.66 8.66 8.81 8.66	Ordinary Ordinary Ordinary	16,962 48,036	16,962
24-Sep-21 The Vangu 24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 11-Oct-21 The Vangu 25-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.	BUY SELL BUY BUY BUY	8.66 8.81 8.66	Ordinary Ordinary	48,036	
24-Sep-21 The Vangu 24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 10-Oct-21 The Vangu 20-Oct-21 The Vangu 10-Oct-21 The Vangu 20-Oct-21 The V	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.	SELL BUY BUY BUY	8.81 8.66	Ordinary		48,036
24-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 10-Oct-21 The Vangu 20-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc.	BUY BUY BUY	8.66		(372)	(372)
28-Sep-21 The Vangu 28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY BUY			457	457
28-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 1-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu	uard Group, Inc.	BUY	0.55	Ordinary	1,270	1,270
30-Sep-21 The Vangu 30-Sep-21 The Vangu 30-Sep-21 The Vangu 1-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu	10		8.62	Ordinary	31,870	31,870
30-Sep-21 The Vangu 1-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu		BUY	8.62	Ordinary	21,984	21,984
4-Oct-21 The Vangu 4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu		BUY	8.72	, Ordinary	64,350	64,350
4-Oct-21 The Vangu 4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 10-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu	uard Group, Inc.	BUY	8.69	Ordinary	2,142	2,142
4-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu	uard Group, Inc.	BUY	8.75	Ordinary	1,748	1,748
5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY	8.75	Ordinary	18,251	18,251
5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY		Ordinary	39,828	39,828
5-Oct-21 The Vangu 5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY	8.77	Ordinary	813	813
5-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		SELL	8.77	Ordinary	(38,920)	(38,920)
6-Oct-21 The Vangu 6-Oct-21 The Vangu 6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY BUY	8.77	Ordinary Ordinary	63,579 1,270	63,579 1,270
6-Oct-21 The Vangu 7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY	8.78	Ordinary	594	594
7-Oct-21 The Vangu 8-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		SELL	8.80	Ordinary	(218)	(218)
8-Oct-21 The Vangu 11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		SELL	8.81	Ordinary	(15,548)	(15,548)
11-Oct-21 The Vangu 11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY	8.78	Ordinary	8,244	8,244
11-Oct-21 The Vangu 12-Oct-21 The Vangu 12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY	8.74	, Ordinary	825	825
12-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY	8.72	Ordinary	2,856	2,856
13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu	uard Group, Inc.	BUY	8.72	Ordinary	36,797	36,797
13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu	uard Group, Inc.	BUY	8.68	Ordinary	4,503	4,503
13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY		Ordinary	2,856	2,856
13-Oct-21 The Vangu 13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY		Ordinary	5,496	5,496
13-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY		Ordinary	10,992	10,992
15-Oct-21 The Vangu 15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY		Ordinary	6,105	6,105
15-Oct-21 The Vangu 19-Oct-21 The Vangu		BUY		Ordinary	1,270	1,270
19-Oct-21 The Vangu		BUY SELL		Ordinary	2,142	2,142
		BUY	8.60	Ordinary Ordinary	(201) 579	(201)
	uard Group, Inc.	BUY		Ordinary	6,105	6,105
19-Oct-21 The Valigu		BUY		Ordinary	1,905	1,905
19-Oct-21 The Vangu	uard Group, Inc.	BUY	8.45	Ordinary	635	635
20-Oct-21 The Vangu	17	BUY	8.39	Ordinary	1,964	1,964
20-Oct-21 The Vangu	uard Group, Inc.	BUY		Ordinary	1,270	1,270
21-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY		Ordinary	5,080	5,080
22-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.	BUY		Ordinary	1,746	1,746
25-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.	BUY		Ordinary	1,006	1,006
25-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc. uard Group, Inc.			Ordinary	8,244	8,244
27-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY	8.32	Ordinary	4,477	4,477
	uard Group, Inc. uard Group, Inc.	BUY		Ordinary	8,140	8,140
	uard Group, Inc. uard Group, Inc.	BUY BUY		Ordinary	(276) 580	(276)
28-Oct-21 The Vangu 28-Oct-21 The Vangu	uard Group, Inc. uard Group, Inc.	BUY		Ordinary		580

Annexure A

			Consideration			
Data of shares	B	Nature of	given in relation	Class	Number of securities	
Date of change 29-Oct-21	Person whose relevant interest changed The Vanguard Group, Inc.	Change(6) BUY	to change(7) 8.20	Class Ordinary	affected 580	affected 580
29-Oct-21	The Vanguard Group, Inc.	SELL	8.25	Ordinary	(5,205)	(5,205)
	The Vanguard Group, Inc.	BUY	8.42	Ordinary	8,244	8,244
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	8.42	Ordinary Ordinary	5,496 6,105	5,496 6,105
	The Vanguard Group, Inc.	BUY	8.75	Ordinary	6,870	6,870
	The Vanguard Group, Inc.	BUY	8.86	Ordinary	36,918	36,918
	The Vanguard Group, Inc.	BUY	8.86	Ordinary	6,512	6,512
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	8.86	Ordinary Ordinary	30,871 8,244	30,871 8,244
	The Vanguard Group, Inc.	BUY	8.71	Ordinary	15,114	15,114
	The Vanguard Group, Inc.	BUY	8.71	Ordinary	6,105	6,105
	The Vanguard Group, Inc.	SELL	8.73	Ordinary	(213)	(213)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	8.82	Ordinary Ordinary	1,905 17,676	1,905 17,676
	The Vanguard Group, Inc.	BUY	8.91	Ordinary	2,688	2,688
	The Vanguard Group, Inc.	BUY	8.91	Ordinary	10,992	10,992
	The Vanguard Group, Inc.	BUY BUY	8.91 8.91	Ordinary	5,496	5,496 7,287
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	8.91	Ordinary Ordinary	7,287	18,738
	The Vanguard Group, Inc.	BUY	8.91	Ordinary	3,123	3,123
	The Vanguard Group, Inc.	BUY	8.91	Ordinary	9,369	9,369
	The Vanguard Group, Inc.	BUY	8.91	Ordinary	8,140	8,140
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	8.91	Ordinary Ordinary	1,270 1,270	1,270 1,270
	The Vanguard Group, Inc.	BUY	8.88	Ordinary	4,070	4,070
	The Vanguard Group, Inc.	SELL	8.89	Ordinary	(485)	(485)
	The Vanguard Group, Inc.	BUY	9.09	Ordinary	562	562
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.07	Ordinary Ordinary	30,471 1,754	30,471 1,754
	The Vanguard Group, Inc.	BUY	9.14	Ordinary	15,331	15,331
	The Vanguard Group, Inc.	BUY	9.12	Ordinary	6,870	6,870
	The Vanguard Group, Inc.	BUY	9.43	Ordinary	5,496	5,496
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.54	Ordinary Ordinary	1,270 1,270	1,270 1,270
	The Vanguard Group, Inc.	BUY	9.53	Ordinary	2,593	2,593
	The Vanguard Group, Inc.	BUY	9.64	Ordinary	539	539
	The Vanguard Group, Inc.	BUY	9.58	Ordinary	9,618	9,618
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.73	Ordinary Ordinary	2,868 8,244	2,868 8,244
	The Vanguard Group, Inc.	BUY	9.53	Ordinary	2,289	2,289
30-Nov-21	The Vanguard Group, Inc.	SELL	9.58	Ordinary	(19,664)	(19,664)
	The Vanguard Group, Inc.	BUY	9.49	Ordinary	3,078	3,078
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.49	Ordinary Ordinary	8,244 10,992	8,244 10,992
	The Vanguard Group, Inc.	BUY	9.49	Ordinary	13,740	13,740
	The Vanguard Group, Inc.	BUY		Ordinary	3,123	3,123
	The Vanguard Group, Inc.	BUY		Ordinary	10,989	10,989
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL		Ordinary Ordinary	551 (5,871)	551 (5,871)
	The Vanguard Group, Inc.	BUY		Ordinary	20,610	20,610
1-Dec-21	The Vanguard Group, Inc.	BUY	9.48	Ordinary	36,232	36,232
	The Vanguard Group, Inc.	BUY		Ordinary	753	753
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.43	Ordinary Ordinary	21,655 29,860	21,655 29,860
	The Vanguard Group, Inc.	BUY	9.75	Ordinary	29,880	2,208
7-Dec-21	The Vanguard Group, Inc.	SELL		Ordinary	(17,111)	(17,111)
	The Vanguard Group, Inc.	BUY	9.81	Ordinary	8,244	8,244
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.81	Ordinary Ordinary	8,244 2,219	8,244 2,219
	The Vanguard Group, Inc.	BUY		Ordinary	518	518
	The Vanguard Group, Inc.	BUY		Ordinary	6,105	6,105
	The Vanguard Group, Inc.	BUY	9.60	Ordinary	10,549	10,549
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.72	Ordinary Ordinary	13,740 72,841	13,740 72,841
	The Vanguard Group, Inc.	BUY		Ordinary	72,841	72,841
	The Vanguard Group, Inc.	BUY	9.82	Ordinary	1,498	1,498
	The Vanguard Group, Inc.	BUY	9.79	Ordinary	20,610	20,610
	The Vanguard Group, Inc.	BUY SELL	9.87	Ordinary	2,387 (52,078)	2,387 (52,078)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary Ordinary	6,105	(52,078) 6,105
	The Vanguard Group, Inc.	SELL	9.87	Ordinary	(3,878)	(3,878)
	The Vanguard Group, Inc.	BUY	9.84	Ordinary	3,330	3,330
	The Vanguard Group, Inc.	SELL	9.87	Ordinary	(28,846)	(28,846)
17-Dec-21	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(755)	(755)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	BUY	9.84	Ordinary	1,953	1,953
	The Vanguard Group, Inc.	BUY	9.86	Ordinary	1,174	1,174
	The Vanguard Group, Inc.	BUY	9.88	Ordinary	4,440	4,440
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	9.88	Ordinary Ordinary	5,595 1,330	5,595 1,330
	The Vanguard Group, Inc.	BUY	10.05	Ordinary	2,152	2,152
	The Vanguard Group, Inc.	BUY	10.05	Ordinary	6,340	6,340
	The Vanguard Group, Inc.	SELL	10.05	Ordinary	(17,788)	(17,788)
	The Vanguard Group, Inc.	BUY	10.07	Ordinary	5,396	5,396
	The Vanguard Group, Inc.	BUY	10.07	Ordinary	18,886	18,886
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	10.07	Ordinary Ordinary	2,960 7,400	2,960 7,400
	The Vanguard Group, Inc.	BUY	10.07	Ordinary	7,400	7,400
	The Vanguard Group, Inc.	BUY	10.01	Ordinary	3,330	3,330
22-Dec-21	The Vanguard Group, Inc.	BUY	10.01	Ordinary	16,650	16,650
22-Dec-21	The Vanguard Group, Inc.	BUY	10.01	Ordinary	5,396	5,396
	The Vanguard Group, Inc.	BUY	10.01	Ordinary	5,550	5,550
	The Vanguard Group, Inc.	BUY		Ordinary	5,550	5,550
	The Vanguard Group, Inc.	BUY		Ordinary	3,700	3,700
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	10.24	Ordinary Ordinary	2,604 3,062	2,604 3,062
	The Vanguard Group, Inc.	BUY	10.21	Ordinary	8,028	8,028
	The Vanguard Group, Inc.	BUY	10.31	Ordinary	5,344	5,344
28-Dec-21	The Vanguard Group, Inc.	BUY	10.31	Ordinary	20,350	20,350
	The Vanguard Group, Inc.	BUY	10.31	Ordinary	5,550	5,550
	The Vanguard Group, Inc.	BUY		Ordinary	6,680	6,680
	The Vanguard Group, Inc.	BUY		Ordinary	6,358	6,358
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY		Ordinary	3,700	3,700
	The Vanguard Group, Inc.	BUY	10.25	Ordinary Ordinary	6,680 3,700	6,680 3,700
	The Vanguard Group, Inc.	BUY	10.25	Ordinary	584	584
	The Vanguard Group, Inc.	BUY	10.12	Ordinary	5,344	5,344
	Vanguard Investments Australia Ltd.	BUY	9.15	Ordinary	40,227	40,227
6-Sep-21	Vanguard Investments Australia Ltd.	BUY	9.25	Ordinary	12,684	12,684
	Vanguard Investments Australia Ltd.	BUY	9.25	Ordinary	17,328	17,328
	Vanguard Investments Australia Ltd.	BUY	9.26	Ordinary	8,252	8,252
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	9.30	Ordinary Ordinary	31,604 4,128	31,604 4,128
	Vanguard Investments Australia Ltd.	SELL	9.30	Ordinary	(6,306)	(6,306)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	18,162	18,162
	Vanguard Investments Australia Ltd.	BUY	9.15	Ordinary	14,840	14,840
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	9.15	Ordinary	8,256	8,256
	Vanguard Investments Australia Ltd.	BUY	9.13	Ordinary	7,947	7,947
	Vanguard Investments Australia Ltd.	SELL	9.07	Ordinary	(3,074)	(3,074)
	Vanguard Investments Australia Ltd.	BUY	9.07	Ordinary	12,684	12,684
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY SELL	9.11	Ordinary Ordinary	10,320 (1,281)	10,320 (1,281)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	11.414	11.414
	Vanguard Investments Australia Ltd.	BUY		Ordinary	14,014	14,014
	Vanguard Investments Australia Ltd.	BUY		Ordinary	10,310	10,310
	Vanguard Investments Australia Ltd.	BUY		Ordinary	6,186	6,186
	Vanguard Investments Australia Ltd.	BUY		Ordinary	16,983	16,983
	Vanguard Investments Australia Ltd.	BUY		Ordinary	11,916	11,916
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	8.58	Ordinary Ordinary	4,970 18,477	4,970 18,477
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	8.58	Ordinary	(71,143)	(71,143)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	15,696	15,696
	Vanguard Investments Australia Ltd.	BUY	8.67	Ordinary	14,715	14,715
	Vanguard Investments Australia Ltd.	BUY	8.75	Ordinary	4,920	4,920
	Vanguard Investments Australia Ltd.	BUY		Ordinary	11,165	11,165
	Vanguard Investments Australia Ltd.	BUY	8.79	Ordinary	15,664	15,664
	Vanguard Investments Australia Ltd.	BUY	8.68	Ordinary	10,614	10,614
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	8.63	Ordinary Ordinary	12,066 12,493	12,066 12,493
	Vanguard Investments Australia Ltd.	SELL	8.44	Ordinary	(8,562)	(8,562)
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(17,146)	(17,146)
	Vanguard Investments Australia Ltd.	BUY	8.43	Ordinary	7,382	7,382
21-Oct-21	Vanguard Investments Australia Ltd.	BUY	8.40	Ordinary	12,298	12,298
	Vanguard Investments Australia Ltd.	BUY		Ordinary	12,066	12,066
	Vanguard Investments Australia Ltd.	IN SPECIE		Ordinary	(567,376)	(567,376)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	26,143	26,143
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	8.37	Ordinary Ordinary	91,129 14,085	91,129 14,085
	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	7,736	7,736
	Vanguard Investments Australia Ltd.	BUY		Ordinary	4,690	4,690

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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
<u> </u>	Vanguard Investments Australia Ltd.	SELL	8.41	Ordinary	(57,008)	(57,008)
	Vanguard Investments Australia Ltd.	BUY	8.72	Ordinary	4,315	4,315
	Vanguard Investments Australia Ltd.	BUY	8.72	Ordinary	10,045	10,045
	Vanguard Investments Australia Ltd.	BUY	8.74	Ordinary	11,328	11,328
	Vanguard Investments Australia Ltd.	BUY	8.74	Ordinary	19,367	19,367
	Vanguard Investments Australia Ltd.	IN SPECIE	8.82	Ordinary	(5,538,475)	(5,538,475)
	Vanguard Investments Australia Ltd.	BUY	8.84	Ordinary	79,050	79,050
	Vanguard Investments Australia Ltd.	BUY	8.84	Ordinary	7,941	7,941
	Vanguard Investments Australia Ltd.	BUY	8.70	Ordinary	5,117	5.117
	Vanguard Investments Australia Ltd.	BUY	8.70	Ordinary	10,307	10.307
	Vanguard Investments Australia Ltd.	BUY	8.82	Ordinary	74,224	74,224
	Vanguard Investments Australia Ltd.	BUY	8.82	Ordinary	12,102	12,102
	Vanguard Investments Australia Ltd.	BUY	8.88	Ordinary	7.966	7.966
	Vanguard Investments Australia Ltd.	BUY	9.09	Ordinary	9,400	9,400
	Vanguard Investments Australia Ltd.	BUY	9.09	Ordinary	12,126	12,126
	Vanguard Investments Australia Ltd.	BUY	9.15	Ordinary	2,835	2,835
	Vanguard Investments Australia Ltd.	BUY	9.15	Ordinary	25,754	25,754
	Vanguard Investments Australia Ltd.	BUY	9.14	Ordinary	14,189	14,189
	Vanguard Investments Australia Ltd.	BUY	9.43	Ordinary	9,510	9.510
	Vanguard Investments Australia Ltd.	BUY	9.43	Ordinary	3,804	3,804
	Vanguard Investments Australia Ltd.	BUY	9.43	Ordinary	11,436	11,436
	Vanguard Investments Australia Ltd.	IN SPECIE	9.60	Ordinary	(303,811)	(303.811
	Vanguard Investments Australia Ltd.	IN SPECIE	9.60	Ordinary	(794,752)	(794,752
	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary		, ,
		BUY	9.60	Ordinary	10,135 9,580	10,135 9,580
	Vanguard Investments Australia Ltd.	BUY	9.53	,	9,580	9,580
	Vanguard Investments Australia Ltd.	BUY	9.53	Ordinary	,	10,135
	Vanguard Investments Australia Ltd.			Ordinary	10,135	,
	Vanguard Investments Australia Ltd.	SELL	9.53	Ordinary	(7,381)	(7,381
	Vanguard Investments Australia Ltd.	BUY BUY	9.47	Ordinary	14,430	14,430
	Vanguard Investments Australia Ltd.	BUY	9.85	Ordinary	10,135	10,135
	Vanguard Investments Australia Ltd.	-	9.75	Ordinary	69,038	69,038
	Vanguard Investments Australia Ltd.	BUY	9.75	Ordinary	11,760	11,760
	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	9,900	9,900
	Vanguard Investments Australia Ltd.	BUY	9.70	Ordinary	11,964	11,964
	Vanguard Investments Australia Ltd.	BUY	9.65	Ordinary	10,135	10,135
	Vanguard Investments Australia Ltd.	BUY	9.65	Ordinary	22,297	22,297
	Vanguard Investments Australia Ltd.	SELL	9.79	Ordinary	(13,001)	(13,001
	Vanguard Investments Australia Ltd.	BUY	9.87	Ordinary	12,108	12,108
	Vanguard Investments Australia Ltd.	BUY	9.87	Ordinary	13,117	13,117
	Vanguard Investments Australia Ltd.	BUY	9.87	Ordinary	6,081	6,081
	Vanguard Investments Australia Ltd.	BUY	9.86	Ordinary	10,135	10,135
	Vanguard Investments Australia Ltd.	SELL	9.87	Ordinary	(356,592)	(356,592
	Vanguard Investments Australia Ltd.	BUY	9.86	Ordinary	15,309	15,309
	Vanguard Investments Australia Ltd.	BUY	9.86	Ordinary	11,549	11,549
	Vanguard Investments Australia Ltd.	BUY	9.88	Ordinary	4,256	4,256
	Vanguard Investments Australia Ltd.	SELL	10.05	Ordinary	(14,868)	(14,868
	Vanguard Investments Australia Ltd.	BUY	10.21	Ordinary	10,630	10,630
	Vanguard Investments Australia Ltd.	BUY	10.43	Ordinary	9,355	9,355
	Vanguard Investments Australia Ltd.	SELL	10.06	Ordinary	(15,582)	(15,582
	Vanguard Investments Australia Ltd.	BUY	10.18	Ordinary	10,530	10,530
	Vanguard Investments Australia Ltd.	BUY	10.18	Ordinary	9,295	9,295
4-Jan-22	Vanguard Investments Australia Ltd.	BUY	10.18	Ordinary	13,292	13,292

This is Annexure A of 4 pages referred to in Form 603, Notice of initial substantial holder.

Stepain forme Signature: Name: Shawn Acker Capacity: Compliance Manager Date: 06 January 2022