

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme Coles Group LimitedACN/ARSN 004 089 936**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/AThe holder became a substantial holder on 8 August 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	66,814,399	66,814,399	5.0000001%

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 – 66,814,399

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 – 3,838,439
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 5,200,551
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 47,175,423
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 10,599,986

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



date

10 August 2022

To Company
ACN/ARSN

Coles Group Limited
004 089 936

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
8-Apr-22	The Vanguard Group, Inc.	BUY	18.28	Ordinary	25,818	25,818
8-Apr-22	The Vanguard Group, Inc.	BUY	18.28	Ordinary	2,740	2,740
8-Apr-22	The Vanguard Group, Inc.	BUY	18.28	Ordinary	14,737	14,737
8-Apr-22	The Vanguard Group, Inc.	BUY	18.28	Ordinary	8,238	8,238
8-Apr-22	The Vanguard Group, Inc.	BUY	18.28	Ordinary	2,840	2,840
11-Apr-22	The Vanguard Group, Inc.	BUY	18.44	Ordinary	600	600
12-Apr-22	The Vanguard Group, Inc.	BUY	18.34	Ordinary	1,202	1,202
12-Apr-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	8,232	8,232
12-Apr-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	13,720	13,720
12-Apr-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	1,422	1,422
13-Apr-22	The Vanguard Group, Inc.	BUY	18.29	Ordinary	4,721	4,721
13-Apr-22	The Vanguard Group, Inc.	BUY	18.29	Ordinary	27,406	27,406
14-Apr-22	The Vanguard Group, Inc.	BUY	18.23	Ordinary	18,906	18,906
19-Apr-22	The Vanguard Group, Inc.	BUY	18.34	Ordinary	603	603
19-Apr-22	The Vanguard Group, Inc.	SELL	18.40	Ordinary	(4,548)	(4,548)
19-Apr-22	The Vanguard Group, Inc.	BUY	18.31	Ordinary	35,723	35,723
19-Apr-22	The Vanguard Group, Inc.	BUY	18.40	Ordinary	2,852	2,852
20-Apr-22	The Vanguard Group, Inc.	BUY	18.58	Ordinary	599	599
20-Apr-22	The Vanguard Group, Inc.	BUY	18.52	Ordinary	18,568	18,568
20-Apr-22	The Vanguard Group, Inc.	BUY	18.52	Ordinary	25,438	25,438
20-Apr-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	1,426	1,426
21-Apr-22	The Vanguard Group, Inc.	BUY	18.68	Ordinary	34,719	34,719
21-Apr-22	The Vanguard Group, Inc.	SELL	18.73	Ordinary	(1,479)	(1,479)
22-Apr-22	The Vanguard Group, Inc.	BUY	18.83	Ordinary	2,592	2,592
22-Apr-22	The Vanguard Group, Inc.	BUY	18.83	Ordinary	1,200	1,200
22-Apr-22	The Vanguard Group, Inc.	BUY	18.79	Ordinary	5,995	5,995
22-Apr-22	The Vanguard Group, Inc.	BUY	18.79	Ordinary	40,701	40,701
26-Apr-22	The Vanguard Group, Inc.	BUY	18.73	Ordinary	1,192	1,192
26-Apr-22	The Vanguard Group, Inc.	BUY	18.73	Ordinary	2,384	2,384
26-Apr-22	The Vanguard Group, Inc.	BUY	18.73	Ordinary	425	425
26-Apr-22	The Vanguard Group, Inc.	BUY	18.71	Ordinary	18,302	18,302
26-Apr-22	The Vanguard Group, Inc.	BUY	18.73	Ordinary	42,215	42,215
27-Apr-22	The Vanguard Group, Inc.	SELL	18.61	Ordinary	(7,779)	(7,779)
27-Apr-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	37,194	37,194
27-Apr-22	The Vanguard Group, Inc.	BUY	18.42	Ordinary	3,756	3,756
28-Apr-22	The Vanguard Group, Inc.	BUY	18.47	Ordinary	2,258	2,258
28-Apr-22	The Vanguard Group, Inc.	BUY	18.47	Ordinary	2,340	2,340
28-Apr-22	The Vanguard Group, Inc.	BUY	18.47	Ordinary	20,096	20,096
28-Apr-22	The Vanguard Group, Inc.	BUY	18.31	Ordinary	41,808	41,808
28-Apr-22	The Vanguard Group, Inc.	BUY	18.54	Ordinary	1,426	1,426
28-Apr-22	The Vanguard Group, Inc.	BUY	18.54	Ordinary	2,139	2,139
29-Apr-22	The Vanguard Group, Inc.	BUY	18.70	Ordinary	596	596
29-Apr-22	The Vanguard Group, Inc.	BUY	18.70	Ordinary	2,257	2,257
2-May-22	The Vanguard Group, Inc.	BUY	18.57	Ordinary	587	587
2-May-22	The Vanguard Group, Inc.	SELL	18.54	Ordinary	(1,666)	(1,666)
3-May-22	The Vanguard Group, Inc.	BUY	18.50	Ordinary	2,352	2,352
3-May-22	The Vanguard Group, Inc.	BUY	18.52	Ordinary	38,361	38,361
4-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	596	596
4-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	592	592
4-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	3,387	3,387
4-May-22	The Vanguard Group, Inc.	BUY	18.54	Ordinary	28,068	28,068
4-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	4,695	4,695
5-May-22	The Vanguard Group, Inc.	BUY	18.48	Ordinary	596	596
5-May-22	The Vanguard Group, Inc.	BUY	18.37	Ordinary	2,142	2,142
6-May-22	The Vanguard Group, Inc.	BUY	18.67	Ordinary	2,253	2,253
6-May-22	The Vanguard Group, Inc.	BUY	18.67	Ordinary	1,507	1,507
6-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	18,840	18,840
6-May-22	The Vanguard Group, Inc.	SELL	18.59	Ordinary	(82,534)	(82,534)
6-May-22	The Vanguard Group, Inc.	BUY	18.61	Ordinary	2,145	2,145
9-May-22	The Vanguard Group, Inc.	BUY	18.79	Ordinary	590	590
9-May-22	The Vanguard Group, Inc.	BUY	18.68	Ordinary	1,426	1,426

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
10-May-22	The Vanguard Group, Inc.	BUY	18.59	Ordinary	1,160	1,160
10-May-22	The Vanguard Group, Inc.	BUY	18.59	Ordinary	27,326	27,326
10-May-22	The Vanguard Group, Inc.	BUY	18.53	Ordinary	22,635	22,635
10-May-22	The Vanguard Group, Inc.	BUY	18.53	Ordinary	23,736	23,736
11-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	596	596
11-May-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	593	593
11-May-22	The Vanguard Group, Inc.	BUY	18.70	Ordinary	153	153
11-May-22	The Vanguard Group, Inc.	BUY	18.70	Ordinary	19,059	19,059
11-May-22	The Vanguard Group, Inc.	BUY	18.55	Ordinary	1,430	1,430
12-May-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	593	593
12-May-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	580	580
12-May-22	The Vanguard Group, Inc.	BUY	18.49	Ordinary	31,002	31,002
12-May-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	3,130	3,130
12-May-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	1,436	1,436
12-May-22	The Vanguard Group, Inc.	BUY	18.33	Ordinary	2,872	2,872
13-May-22	The Vanguard Group, Inc.	BUY	18.35	Ordinary	1,538	1,538
13-May-22	The Vanguard Group, Inc.	BUY	18.35	Ordinary	31,148	31,148
13-May-22	The Vanguard Group, Inc.	BUY	18.35	Ordinary	23,109	23,109
16-May-22	The Vanguard Group, Inc.	BUY	18.61	Ordinary	587	587
18-May-22	The Vanguard Group, Inc.	BUY	18.45	Ordinary	1,160	1,160
18-May-22	The Vanguard Group, Inc.	BUY	18.45	Ordinary	6,849	6,849
18-May-22	The Vanguard Group, Inc.	SELL	18.51	Ordinary	(1,276)	(1,276)
18-May-22	The Vanguard Group, Inc.	BUY	18.45	Ordinary	155	155
18-May-22	The Vanguard Group, Inc.	BUY	18.45	Ordinary	22,426	22,426
18-May-22	The Vanguard Group, Inc.	SELL	18.51	Ordinary	(121,508)	(121,508)
18-May-22	The Vanguard Group, Inc.	BUY	18.34	Ordinary	1,436	1,436
19-May-22	The Vanguard Group, Inc.	BUY	17.82	Ordinary	2,774	2,774
19-May-22	The Vanguard Group, Inc.	BUY	17.82	Ordinary	596	596
19-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	2,511	2,511
19-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	4,516	4,516
19-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	4,695	4,695
19-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	1,436	1,436
19-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	1,436	1,436
20-May-22	The Vanguard Group, Inc.	BUY	17.73	Ordinary	3,393	3,393
20-May-22	The Vanguard Group, Inc.	BUY	17.89	Ordinary	23,630	23,630
23-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	588	588
23-May-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	23,912	23,912
24-May-22	The Vanguard Group, Inc.	BUY	17.65	Ordinary	18,671	18,671
24-May-22	The Vanguard Group, Inc.	BUY	17.64	Ordinary	2,160	2,160
25-May-22	The Vanguard Group, Inc.	BUY	18.00	Ordinary	595	595
25-May-22	The Vanguard Group, Inc.	BUY	18.02	Ordinary	7,200	7,200
25-May-22	The Vanguard Group, Inc.	BUY	18.02	Ordinary	1,440	1,440
25-May-22	The Vanguard Group, Inc.	BUY	18.02	Ordinary	2,160	2,160
26-May-22	The Vanguard Group, Inc.	BUY	17.71	Ordinary	3,368	3,368
26-May-22	The Vanguard Group, Inc.	BUY	18.00	Ordinary	2,760	2,760
26-May-22	The Vanguard Group, Inc.	BUY	17.71	Ordinary	1,440	1,440
27-May-22	The Vanguard Group, Inc.	BUY	17.50	Ordinary	588	588
27-May-22	The Vanguard Group, Inc.	BUY	17.50	Ordinary	597	597
30-May-22	The Vanguard Group, Inc.	BUY	17.63	Ordinary	24,092	24,092
1-Jun-22	The Vanguard Group, Inc.	BUY	17.73	Ordinary	7,892	7,892
2-Jun-22	The Vanguard Group, Inc.	BUY	17.72	Ordinary	604	604
2-Jun-22	The Vanguard Group, Inc.	BUY	17.72	Ordinary	425	425
2-Jun-22	The Vanguard Group, Inc.	BUY	17.77	Ordinary	3,360	3,360
2-Jun-22	The Vanguard Group, Inc.	BUY	17.77	Ordinary	6,260	6,260
2-Jun-22	The Vanguard Group, Inc.	BUY	17.77	Ordinary	1,438	1,438
2-Jun-22	The Vanguard Group, Inc.	SELL	17.60	Ordinary	(1,590)	(1,590)
3-Jun-22	The Vanguard Group, Inc.	BUY	17.73	Ordinary	588	588
3-Jun-22	The Vanguard Group, Inc.	BUY	17.73	Ordinary	599	599
3-Jun-22	The Vanguard Group, Inc.	BUY	17.68	Ordinary	2,160	2,160
3-Jun-22	The Vanguard Group, Inc.	BUY	17.99	Ordinary	2,229	2,229
7-Jun-22	The Vanguard Group, Inc.	BUY	17.45	Ordinary	600	600
8-Jun-22	The Vanguard Group, Inc.	BUY	17.66	Ordinary	521	521
8-Jun-22	The Vanguard Group, Inc.	BUY	17.66	Ordinary	2,503	2,503
8-Jun-22	The Vanguard Group, Inc.	BUY	17.66	Ordinary	6,300	6,300
8-Jun-22	The Vanguard Group, Inc.	SELL	17.66	Ordinary	(74,310)	(74,310)
10-Jun-22	The Vanguard Group, Inc.	BUY	17.38	Ordinary	1,815	1,815
13-Jun-22	The Vanguard Group, Inc.	BUY	16.96	Ordinary	2,151	2,151
13-Jun-22	The Vanguard Group, Inc.	BUY	16.96	Ordinary	2,151	2,151

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-22	The Vanguard Group, Inc.	BUY	17.14	Ordinary	614	614
14-Jun-22	The Vanguard Group, Inc.	BUY	17.14	Ordinary	571	571
14-Jun-22	The Vanguard Group, Inc.	BUY	17.14	Ordinary	2,505	2,505
14-Jun-22	The Vanguard Group, Inc.	BUY	17.14	Ordinary	2,400	2,400
14-Jun-22	The Vanguard Group, Inc.	SELL	16.80	Ordinary	(570)	(570)
14-Jun-22	The Vanguard Group, Inc.	BUY	16.80	Ordinary	1,594	1,594
14-Jun-22	The Vanguard Group, Inc.	SELL	17.08	Ordinary	(34,428)	(34,428)
14-Jun-22	The Vanguard Group, Inc.	SELL	17.08	Ordinary	(40,900)	(40,900)
15-Jun-22	The Vanguard Group, Inc.	BUY	16.93	Ordinary	628	628
15-Jun-22	The Vanguard Group, Inc.	SELL	16.93	Ordinary	(45,619)	(45,619)
16-Jun-22	The Vanguard Group, Inc.	BUY	16.59	Ordinary	4,308	4,308
17-Jun-22	The Vanguard Group, Inc.	SELL	16.75	Ordinary	(1,937)	(1,937)
17-Jun-22	The Vanguard Group, Inc.	SELL	16.66	Ordinary	(2)	(2)
17-Jun-22	The Vanguard Group, Inc.	SELL	16.75	Ordinary	(17,007)	(17,007)
17-Jun-22	The Vanguard Group, Inc.	SELL	16.75	Ordinary	(41,553)	(41,553)
17-Jun-22	The Vanguard Group, Inc.	SELL	16.66	Ordinary	(4)	(4)
17-Jun-22	The Vanguard Group, Inc.	SELL	16.66	Ordinary	(2)	(2)
17-Jun-22	The Vanguard Group, Inc.	SELL	16.75	Ordinary	(15,755)	(15,755)
20-Jun-22	The Vanguard Group, Inc.	BUY	16.81	Ordinary	2,252	2,252
20-Jun-22	The Vanguard Group, Inc.	SELL	16.81	Ordinary	(51,837)	(51,837)
21-Jun-22	The Vanguard Group, Inc.	BUY	17.20	Ordinary	1,196	1,196
21-Jun-22	The Vanguard Group, Inc.	BUY	17.20	Ordinary	598	598
22-Jun-22	The Vanguard Group, Inc.	BUY	17.23	Ordinary	495	495
24-Jun-22	The Vanguard Group, Inc.	BUY	17.81	Ordinary	590	590
24-Jun-22	The Vanguard Group, Inc.	BUY	17.81	Ordinary	1,256	1,256
24-Jun-22	The Vanguard Group, Inc.	BUY	17.95	Ordinary	4,416	4,416
27-Jun-22	The Vanguard Group, Inc.	BUY	17.91	Ordinary	1,416	1,416
28-Jun-22	The Vanguard Group, Inc.	BUY	17.87	Ordinary	616	616
28-Jun-22	The Vanguard Group, Inc.	BUY	17.87	Ordinary	1,228	1,228
28-Jun-22	The Vanguard Group, Inc.	BUY	17.76	Ordinary	8,016	8,016
29-Jun-22	The Vanguard Group, Inc.	BUY	18.02	Ordinary	610	610
29-Jun-22	The Vanguard Group, Inc.	BUY	18.02	Ordinary	2,230	2,230
29-Jun-22	The Vanguard Group, Inc.	BUY	18.02	Ordinary	1,196	1,196
29-Jun-22	The Vanguard Group, Inc.	BUY	17.81	Ordinary	20,132	20,132
29-Jun-22	The Vanguard Group, Inc.	BUY	18.01	Ordinary	1,670	1,670
29-Jun-22	The Vanguard Group, Inc.	BUY	18.01	Ordinary	2,124	2,124
29-Jun-22	The Vanguard Group, Inc.	BUY	18.01	Ordinary	2,832	2,832
29-Jun-22	The Vanguard Group, Inc.	BUY	17.81	Ordinary	20,098	20,098
30-Jun-22	The Vanguard Group, Inc.	SELL	17.81	Ordinary	(1,716)	(1,716)
30-Jun-22	The Vanguard Group, Inc.	SELL	17.81	Ordinary	(178)	(178)
30-Jun-22	The Vanguard Group, Inc.	BUY	17.83	Ordinary	6,620	6,620
30-Jun-22	The Vanguard Group, Inc.	BUY	17.83	Ordinary	5,590	5,590
30-Jun-22	The Vanguard Group, Inc.	BUY	17.83	Ordinary	16,770	16,770
30-Jun-22	The Vanguard Group, Inc.	BUY	17.83	Ordinary	22,360	22,360
1-Jul-22	The Vanguard Group, Inc.	BUY	17.99	Ordinary	15,828	15,828
1-Jul-22	The Vanguard Group, Inc.	BUY	17.99	Ordinary	13,416	13,416
1-Jul-22	The Vanguard Group, Inc.	BUY	17.99	Ordinary	5,520	5,520
5-Jul-22	The Vanguard Group, Inc.	BUY	17.99	Ordinary	1,192	1,192
5-Jul-22	The Vanguard Group, Inc.	BUY	17.99	Ordinary	596	596
5-Jul-22	The Vanguard Group, Inc.	BUY	17.96	Ordinary	7,908	7,908
5-Jul-22	The Vanguard Group, Inc.	BUY	17.96	Ordinary	8,944	8,944
6-Jul-22	The Vanguard Group, Inc.	BUY	18.29	Ordinary	1,212	1,212
6-Jul-22	The Vanguard Group, Inc.	BUY	18.29	Ordinary	2,307	2,307
6-Jul-22	The Vanguard Group, Inc.	BUY	18.29	Ordinary	1,194	1,194
6-Jul-22	The Vanguard Group, Inc.	BUY	18.36	Ordinary	4,050	4,050
6-Jul-22	The Vanguard Group, Inc.	BUY	18.36	Ordinary	3,354	3,354
6-Jul-22	The Vanguard Group, Inc.	BUY	18.36	Ordinary	6,072	6,072
6-Jul-22	The Vanguard Group, Inc.	BUY	18.26	Ordinary	24,551	24,551
7-Jul-22	The Vanguard Group, Inc.	BUY	18.37	Ordinary	316	316
7-Jul-22	The Vanguard Group, Inc.	BUY	18.31	Ordinary	8,204	8,204
7-Jul-22	The Vanguard Group, Inc.	BUY	18.46	Ordinary	8,110	8,110
7-Jul-22	The Vanguard Group, Inc.	BUY	18.31	Ordinary	24,613	24,613
8-Jul-22	The Vanguard Group, Inc.	BUY	18.34	Ordinary	4,432	4,432
11-Jul-22	The Vanguard Group, Inc.	BUY	18.31	Ordinary	4,017	4,017
11-Jul-22	The Vanguard Group, Inc.	BUY	18.32	Ordinary	31,855	31,855
12-Jul-22	The Vanguard Group, Inc.	BUY	18.62	Ordinary	6,600	6,600
12-Jul-22	The Vanguard Group, Inc.	BUY	18.62	Ordinary	48,752	48,752
12-Jul-22	The Vanguard Group, Inc.	BUY	18.62	Ordinary	5,520	5,520

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12-Jul-22	The Vanguard Group, Inc.	BUY	18.60	Ordinary	23,832	23,832
12-Jul-22	The Vanguard Group, Inc.	BUY	18.62	Ordinary	2,124	2,124
13-Jul-22	The Vanguard Group, Inc.	BUY	18.48	Ordinary	1,621	1,621
13-Jul-22	The Vanguard Group, Inc.	BUY	18.49	Ordinary	1,416	1,416
14-Jul-22	The Vanguard Group, Inc.	BUY	18.62	Ordinary	591	591
14-Jul-22	The Vanguard Group, Inc.	BUY	18.57	Ordinary	1,416	1,416
15-Jul-22	The Vanguard Group, Inc.	BUY	19.01	Ordinary	9,254	9,254
15-Jul-22	The Vanguard Group, Inc.	BUY	18.95	Ordinary	66,578	66,578
19-Jul-22	The Vanguard Group, Inc.	SELL	18.83	Ordinary	(36,233)	(36,233)
19-Jul-22	The Vanguard Group, Inc.	BUY	18.67	Ordinary	20,051	20,051
19-Jul-22	The Vanguard Group, Inc.	BUY	18.83	Ordinary	1,416	1,416
19-Jul-22	The Vanguard Group, Inc.	BUY	18.83	Ordinary	2,124	2,124
20-Jul-22	The Vanguard Group, Inc.	BUY	18.64	Ordinary	3,324	3,324
20-Jul-22	The Vanguard Group, Inc.	BUY	18.64	Ordinary	19,402	19,402
20-Jul-22	The Vanguard Group, Inc.	BUY	18.64	Ordinary	29,660	29,660
21-Jul-22	The Vanguard Group, Inc.	BUY	18.81	Ordinary	19,344	19,344
21-Jul-22	The Vanguard Group, Inc.	BUY	18.81	Ordinary	23,225	23,225
22-Jul-22	The Vanguard Group, Inc.	BUY	18.86	Ordinary	25,033	25,033
22-Jul-22	The Vanguard Group, Inc.	BUY	18.86	Ordinary	1,555	1,555
22-Jul-22	The Vanguard Group, Inc.	BUY	18.80	Ordinary	22,300	22,300
25-Jul-22	The Vanguard Group, Inc.	SELL	18.87	Ordinary	(3,576)	(3,576)
25-Jul-22	The Vanguard Group, Inc.	BUY	18.83	Ordinary	26,049	26,049
26-Jul-22	The Vanguard Group, Inc.	BUY	18.78	Ordinary	1,738	1,738
26-Jul-22	The Vanguard Group, Inc.	SELL	18.78	Ordinary	(4,242)	(4,242)
26-Jul-22	The Vanguard Group, Inc.	BUY	18.72	Ordinary	552	552
27-Jul-22	The Vanguard Group, Inc.	BUY	18.78	Ordinary	13,230	13,230
27-Jul-22	The Vanguard Group, Inc.	BUY	18.78	Ordinary	2,124	2,124
27-Jul-22	The Vanguard Group, Inc.	BUY	18.81	Ordinary	19,073	19,073
28-Jul-22	The Vanguard Group, Inc.	BUY	18.64	Ordinary	2,227	2,227
28-Jul-22	The Vanguard Group, Inc.	BUY	18.73	Ordinary	6,610	6,610
28-Jul-22	The Vanguard Group, Inc.	BUY	18.67	Ordinary	7,652	7,652
29-Jul-22	The Vanguard Group, Inc.	BUY	18.74	Ordinary	23,172	23,172
1-Aug-22	The Vanguard Group, Inc.	SELL	18.77	Ordinary	(4,739)	(4,739)
1-Aug-22	The Vanguard Group, Inc.	BUY	18.82	Ordinary	4,055	4,055
1-Aug-22	The Vanguard Group, Inc.	BUY	18.86	Ordinary	19,248	19,248
2-Aug-22	The Vanguard Group, Inc.	BUY	19.21	Ordinary	1,140	1,140
3-Aug-22	The Vanguard Group, Inc.	BUY	19.04	Ordinary	15,067	15,067
3-Aug-22	The Vanguard Group, Inc.	BUY	19.02	Ordinary	9,972	9,972
3-Aug-22	The Vanguard Group, Inc.	BUY	19.02	Ordinary	3,324	3,324
4-Aug-22	The Vanguard Group, Inc.	BUY	18.85	Ordinary	1,116	1,116
4-Aug-22	The Vanguard Group, Inc.	BUY	18.85	Ordinary	2,502	2,502
4-Aug-22	The Vanguard Group, Inc.	BUY	18.85	Ordinary	309	309
4-Aug-22	The Vanguard Group, Inc.	BUY	18.86	Ordinary	3,987	3,987
4-Aug-22	The Vanguard Group, Inc.	BUY	18.86	Ordinary	3,324	3,324
4-Aug-22	The Vanguard Group, Inc.	BUY	18.91	Ordinary	18,840	18,840
4-Aug-22	The Vanguard Group, Inc.	BUY	18.86	Ordinary	6,624	6,624
5-Aug-22	The Vanguard Group, Inc.	SELL	18.94	Ordinary	(1,815)	(1,815)
8-Aug-22	The Vanguard Group, Inc.	BUY	18.78	Ordinary	566	566
8-Aug-22	The Vanguard Group, Inc.	BUY	18.81	Ordinary	15,252	15,252
8-Aug-22	The Vanguard Group, Inc.	BUY	18.73	Ordinary	708	708
8-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.24	Ordinary	4,134	4,134
11-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.44	Ordinary	4,134	4,134
12-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.34	Ordinary	4,138	4,138
13-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.29	Ordinary	15,600	15,600
14-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.30	Ordinary	1,503	1,503
20-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.58	Ordinary	4,138	4,138
21-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.68	Ordinary	4,138	4,138
22-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.83	Ordinary	10,300	10,300
22-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.83	Ordinary	6,207	6,207
26-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.73	Ordinary	92,880	92,880
26-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.73	Ordinary	4,138	4,138
27-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.36	Ordinary	5,160	5,160
27-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.36	Ordinary	1,503	1,503
27-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.36	Ordinary	10,345	10,345
27-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.36	Ordinary	6,207	6,207
28-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.47	Ordinary	10,320	10,320
29-Apr-22	Vanguard Investments Australia Ltd.	SELL	18.70	Ordinary	(123,024)	(123,024)
29-Apr-22	Vanguard Investments Australia Ltd.	BUY	18.70	Ordinary	8,276	8,276

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-May-22	Vanguard Investments Australia Ltd.	BUY	18.50	Ordinary	17,887	17,887
4-May-22	Vanguard Investments Australia Ltd.	BUY	18.60	Ordinary	5,155	5,155
5-May-22	Vanguard Investments Australia Ltd.	BUY	18.48	Ordinary	15,465	15,465
5-May-22	Vanguard Investments Australia Ltd.	SELL	18.48	Ordinary	(22,798)	(22,798)
6-May-22	Vanguard Investments Australia Ltd.	BUY	18.67	Ordinary	8,276	8,276
9-May-22	Vanguard Investments Australia Ltd.	BUY	18.79	Ordinary	16,512	16,512
9-May-22	Vanguard Investments Australia Ltd.	BUY	18.79	Ordinary	3,096	3,096
10-May-22	Vanguard Investments Australia Ltd.	BUY	18.59	Ordinary	10,350	10,350
10-May-22	Vanguard Investments Australia Ltd.	BUY	18.59	Ordinary	71,415	71,415
11-May-22	Vanguard Investments Australia Ltd.	BUY	18.60	Ordinary	8,304	8,304
16-May-22	Vanguard Investments Australia Ltd.	BUY	18.61	Ordinary	12,540	12,540
16-May-22	Vanguard Investments Australia Ltd.	BUY	18.61	Ordinary	5,225	5,225
16-May-22	Vanguard Investments Australia Ltd.	BUY	18.61	Ordinary	6,231	6,231
18-May-22	Vanguard Investments Australia Ltd.	BUY	18.45	Ordinary	12,516	12,516
18-May-22	Vanguard Investments Australia Ltd.	BUY	18.45	Ordinary	4,154	4,154
20-May-22	Vanguard Investments Australia Ltd.	BUY	17.89	Ordinary	12,504	12,504
20-May-22	Vanguard Investments Australia Ltd.	BUY	17.89	Ordinary	6,243	6,243
24-May-22	Vanguard Investments Australia Ltd.	BUY	17.65	Ordinary	2,079	2,079
25-May-22	Vanguard Investments Australia Ltd.	BUY	18.00	Ordinary	2,080	2,080
27-May-22	Vanguard Investments Australia Ltd.	BUY	17.50	Ordinary	1,511	1,511
30-May-22	Vanguard Investments Australia Ltd.	BUY	17.61	Ordinary	10,480	10,480
30-May-22	Vanguard Investments Australia Ltd.	SELL	17.61	Ordinary	(1,511)	(1,511)
30-May-22	Vanguard Investments Australia Ltd.	BUY	17.61	Ordinary	8,324	8,324
31-May-22	Vanguard Investments Australia Ltd.	BUY	17.53	Ordinary	2,241	2,241
31-May-22	Vanguard Investments Australia Ltd.	BUY	17.53	Ordinary	1,511	1,511
3-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.73	Ordinary	12,624	12,624
3-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.73	Ordinary	8,324	8,324
7-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.45	Ordinary	59,907	59,907
8-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.66	Ordinary	12,624	12,624
8-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.66	Ordinary	4,162	4,162
8-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.66	Ordinary	10,405	10,405
9-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.61	Ordinary	1,532	1,532
10-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.38	Ordinary	20,980	20,980
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.14	Ordinary	15,750	15,750
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.14	Ordinary	8,400	8,400
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.14	Ordinary	5,250	5,250
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.14	Ordinary	8,324	8,324
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.14	Ordinary	6,243	6,243
15-Jun-22	Vanguard Investments Australia Ltd.	BUY	16.93	Ordinary	1,532	1,532
16-Jun-22	Vanguard Investments Australia Ltd.	BUY	16.81	Ordinary	2,093	2,093
16-Jun-22	Vanguard Investments Australia Ltd.	BUY	16.81	Ordinary	10,465	10,465
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	16.76	Ordinary	109,594	109,594
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	16.76	Ordinary	13,676	13,676
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	16.76	Ordinary	6,279	6,279
17-Jun-22	Vanguard Investments Australia Ltd.	SELL	16.75	Ordinary	(708,411)	(708,411)
17-Jun-22	Vanguard Investments Australia Ltd.	SELL	16.66	Ordinary	(75)	(75)
22-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.23	Ordinary	5,439	5,439
22-Jun-22	Vanguard Investments Australia Ltd.	SELL	17.23	Ordinary	(1,873)	(1,873)
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.62	Ordinary	10,800	10,800
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.62	Ordinary	7,560	7,560
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.62	Ordinary	5,400	5,400
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.62	Ordinary	7,252	7,252
24-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.81	Ordinary	7,252	7,252
27-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.92	Ordinary	7,588	7,588
27-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.92	Ordinary	3,064	3,064
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.87	Ordinary	5,390	5,390
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.87	Ordinary	10,780	10,780
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.87	Ordinary	5,390	5,390
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.87	Ordinary	8,624	8,624
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	17.87	Ordinary	9,065	9,065
29-Jun-22	Vanguard Investments Australia Ltd.	SELL	18.02	Ordinary	(3,234)	(3,234)
30-Jun-22	Vanguard Investments Australia Ltd.	SELL	17.81	Ordinary	(134,607)	(134,607)
30-Jun-22	Vanguard Investments Australia Ltd.	SELL	17.81	Ordinary	(4,032)	(4,032)
1-Jul-22	Vanguard Investments Australia Ltd.	BUY	17.84	Ordinary	7,350	7,350
1-Jul-22	Vanguard Investments Australia Ltd.	BUY	17.84	Ordinary	10,500	10,500
1-Jul-22	Vanguard Investments Australia Ltd.	BUY	17.84	Ordinary	8,400	8,400
4-Jul-22	Vanguard Investments Australia Ltd.	BUY	17.92	Ordinary	10,510	10,510
4-Jul-22	Vanguard Investments Australia Ltd.	BUY	17.92	Ordinary	8,895	8,895

Annexure 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
6-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.29	Ordinary	8,900	8,900
7-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.37	Ordinary	16,011	16,011
8-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.33	Ordinary	7,120	7,120
11-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.31	Ordinary	10,490	10,490
13-Jul-22	Vanguard Investments Australia Ltd.	SELL	18.48	Ordinary	(32,172)	(32,172)
13-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.48	Ordinary	8,900	8,900
15-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.95	Ordinary	7,336	7,336
15-Jul-22	Vanguard Investments Australia Ltd.	SELL	18.95	Ordinary	(13,624)	(13,624)
15-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.95	Ordinary	1,485	1,485
18-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.82	Ordinary	8,900	8,900
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.63	Ordinary	8,352	8,352
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.63	Ordinary	20,880	20,880
21-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.88	Ordinary	67,820	67,820
22-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.86	Ordinary	15,600	15,600
22-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.86	Ordinary	7,096	7,096
26-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.78	Ordinary	7,092	7,092
27-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.71	Ordinary	4,437	4,437
28-Jul-22	Vanguard Investments Australia Ltd.	BUY	18.64	Ordinary	15,555	15,555
1-Aug-22	Vanguard Investments Australia Ltd.	SELL	18.85	Ordinary	(1,480)	(1,480)
1-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.85	Ordinary	7,096	7,096
1-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.85	Ordinary	3,548	3,548
2-Aug-22	Vanguard Investments Australia Ltd.	BUY	19.21	Ordinary	5,160	5,160
3-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.97	Ordinary	8,870	8,870
3-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.97	Ordinary	5,322	5,322
4-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.85	Ordinary	15,555	15,555
5-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.94	Ordinary	7,096	7,096
8-Aug-22	Vanguard Investments Australia Ltd.	BUY	18.78	Ordinary	5,160	5,160

This is Annexure A of 6 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 10 August 2022