

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme Coles Group Limited

ACN/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/A

The holder became a substantial holder on 26 November 2019

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	66,784,433	66,784,433	5.007%

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 – 66,784,433

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 – 3,017,237
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 3,416,288
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 33,557,031
Vanguard Group	Citibank	Various funds and other accounts of Vanguard Group	Ordinary – 21,614
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 8,155,955
Vanguard Group	Various others	Various funds and other accounts of Vanguard Group	Ordinary – 18,616,308

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 29 November 2019

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	Coles Group Limited
ACN/ARSN	004 089 936
Substantial Holder Name	Vanguard Group
ACN/ARSN	N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
26-Jul-2019	The Vanguard Group, Inc.	BUY	14.22	Ordinary	3,519	3,519
26-Jul-2019	The Vanguard Group, Inc.	BUY	14.22	Ordinary	4,980	4,980
26-Jul-2019	The Vanguard Group, Inc.	BUY	14.17	Ordinary	290	290
26-Jul-2019	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(4,462)	(4,462)
29-Jul-2019	The Vanguard Group, Inc.	SELL	14.23	Ordinary	(24,568)	(24,568)
30-Jul-2019	The Vanguard Group, Inc.	SELL	14.30	Ordinary	(4,424)	(4,424)
30-Jul-2019	The Vanguard Group, Inc.	BUY	14.31	Ordinary	2,222	2,222
30-Jul-2019	The Vanguard Group, Inc.	BUY	14.31	Ordinary	14,656	14,656
31-Jul-2019	The Vanguard Group, Inc.	BUY	14.20	Ordinary	3,519	3,519
1-Aug-2019	The Vanguard Group, Inc.	BUY	14.05	Ordinary	78,724	78,724
1-Aug-2019	The Vanguard Group, Inc.	BUY	14.07	Ordinary	11,952	11,952
1-Aug-2019	The Vanguard Group, Inc.	SELL	14.05	Ordinary	(42,543)	(42,543)
2-Aug-2019	The Vanguard Group, Inc.	BUY	14.04	Ordinary	51,671	51,671
2-Aug-2019	The Vanguard Group, Inc.	BUY	14.01	Ordinary	3,984	3,984
5-Aug-2019	The Vanguard Group, Inc.	BUY	13.72	Ordinary	3,910	3,910
5-Aug-2019	The Vanguard Group, Inc.	BUY	13.72	Ordinary	4,980	4,980
6-Aug-2019	The Vanguard Group, Inc.	BUY	13.54	Ordinary	13,878	13,878
7-Aug-2019	The Vanguard Group, Inc.	BUY	13.65	Ordinary	98,225	98,225
7-Aug-2019	The Vanguard Group, Inc.	BUY	13.65	Ordinary	23,946	23,946
7-Aug-2019	The Vanguard Group, Inc.	SELL	13.55	Ordinary	(761)	(761)
8-Aug-2019	The Vanguard Group, Inc.	SELL	13.66	Ordinary	(5,530)	(5,530)
8-Aug-2019	The Vanguard Group, Inc.	BUY	13.61	Ordinary	1,872	1,872
12-Aug-2019	The Vanguard Group, Inc.	BUY	13.50	Ordinary	6,256	6,256
13-Aug-2019	The Vanguard Group, Inc.	SELL	13.52	Ordinary	(7,742)	(7,742)
13-Aug-2019	The Vanguard Group, Inc.	BUY	13.50	Ordinary	1,024	1,024
14-Aug-2019	The Vanguard Group, Inc.	BUY	13.55	Ordinary	566	566
14-Aug-2019	The Vanguard Group, Inc.	SELL	13.56	Ordinary	(2,850)	(2,850)
15-Aug-2019	The Vanguard Group, Inc.	SELL	13.15	Ordinary	(6,636)	(6,636)
15-Aug-2019	The Vanguard Group, Inc.	BUY	13.38	Ordinary	66,629	66,629
15-Aug-2019	The Vanguard Group, Inc.	BUY	13.38	Ordinary	50	50
15-Aug-2019	The Vanguard Group, Inc.	BUY	13.15	Ordinary	2,823	2,823
19-Aug-2019	The Vanguard Group, Inc.	SELL	13.20	Ordinary	(931)	(931)
19-Aug-2019	The Vanguard Group, Inc.	BUY	13.20	Ordinary	12,074	12,074
22-Aug-2019	The Vanguard Group, Inc.	BUY	13.53	Ordinary	7,820	7,820
23-Aug-2019	The Vanguard Group, Inc.	SELL	13.60	Ordinary	(1,717)	(1,717)
27-Aug-2019	The Vanguard Group, Inc.	SELL	13.55	Ordinary	(4,618)	(4,618)
28-Aug-2019	The Vanguard Group, Inc.	SELL	13.20	Ordinary	(13,234)	(13,234)
29-Aug-2019	The Vanguard Group, Inc.	BUY	13.62	Ordinary	15,797	15,797
30-Aug-2019	The Vanguard Group, Inc.	BUY	13.84	Ordinary	67,982	67,982
2-Sep-2019	The Vanguard Group, Inc.	BUY	13.89	Ordinary	11,294	11,294
6-Sep-2019	The Vanguard Group, Inc.	SELL	14.65	Ordinary	(1,036)	(1,036)
6-Sep-2019	The Vanguard Group, Inc.	BUY	14.69	Ordinary	2,912	2,912
6-Sep-2019	The Vanguard Group, Inc.	BUY	14.69	Ordinary	623	623
6-Sep-2019	The Vanguard Group, Inc.	SELL	14.65	Ordinary	(3,497)	(3,497)
9-Sep-2019	The Vanguard Group, Inc.	BUY	14.69	Ordinary	5,083	5,083
11-Sep-2019	The Vanguard Group, Inc.	BUY	14.95	Ordinary	5,083	5,083
12-Sep-2019	The Vanguard Group, Inc.	BUY	14.88	Ordinary	3,910	3,910
16-Sep-2019	The Vanguard Group, Inc.	BUY	14.79	Ordinary	3,318	3,318
16-Sep-2019	The Vanguard Group, Inc.	BUY	14.75	Ordinary	6,367	6,367
18-Sep-2019	The Vanguard Group, Inc.	BUY	14.70	Ordinary	3,519	3,519
18-Sep-2019	The Vanguard Group, Inc.	BUY	14.69	Ordinary	158,354	158,354
20-Sep-2019	The Vanguard Group, Inc.	SELL	14.77	Ordinary	(109,043)	(109,043)
20-Sep-2019	The Vanguard Group, Inc.	SELL	14.77	Ordinary	(16,492)	(16,492)
20-Sep-2019	The Vanguard Group, Inc.	SELL	14.77	Ordinary	(1,882)	(1,882)
20-Sep-2019	The Vanguard Group, Inc.	BUY	14.78	Ordinary	130	130
20-Sep-2019	The Vanguard Group, Inc.	BUY	15.06	Ordinary	11,582	11,582
20-Sep-2019	The Vanguard Group, Inc.	SELL	14.77	Ordinary	(1,610)	(1,610)
20-Sep-2019	The Vanguard Group, Inc.	BUY	15.06	Ordinary	8,077	8,077
20-Sep-2019	The Vanguard Group, Inc.	BUY	14.78	Ordinary	8,700	8,700
23-Sep-2019	The Vanguard Group, Inc.	BUY	14.98	Ordinary	3,910	3,910
24-Sep-2019	The Vanguard Group, Inc.	SELL	15.37	Ordinary	(1,047)	(1,047)
24-Sep-2019	The Vanguard Group, Inc.	BUY	15.37	Ordinary	15,613	15,613
24-Sep-2019	The Vanguard Group, Inc.	BUY	15.37	Ordinary	17,165	17,165
25-Sep-2019	The Vanguard Group, Inc.	BUY	15.18	Ordinary	3,910	3,910
25-Sep-2019	The Vanguard Group, Inc.	BUY	15.22	Ordinary	2,269	2,269
25-Sep-2019	The Vanguard Group, Inc.	BUY	15.12	Ordinary	16,903	16,903
27-Sep-2019	The Vanguard Group, Inc.	SELL	15.27	Ordinary	(325)	(325)
27-Sep-2019	The Vanguard Group, Inc.	BUY	15.27	Ordinary	1,022	1,022
1-Oct-2019	The Vanguard Group, Inc.	BUY	15.57	Ordinary	2,204	2,204
4-Oct-2019	The Vanguard Group, Inc.	BUY	14.90	Ordinary	417	417
7-Oct-2019	The Vanguard Group, Inc.	BUY	14.99	Ordinary	24,380	24,380
10-Oct-2019	The Vanguard Group, Inc.	BUY	15.23	Ordinary	3,910	3,910
10-Oct-2019	The Vanguard Group, Inc.	BUY	15.23	Ordinary	11,730	11,730
15-Oct-2019	The Vanguard Group, Inc.	BUY	15.33	Ordinary	3,128	3,128
15-Oct-2019	The Vanguard Group, Inc.	SELL	15.17	Ordinary	(574)	(574)
16-Oct-2019	The Vanguard Group, Inc.	BUY	15.40	Ordinary	485	485
17-Oct-2019	The Vanguard Group, Inc.	BUY	15.38	Ordinary	22,194	22,194
21-Oct-2019	The Vanguard Group, Inc.	BUY	14.95	Ordinary	596	596
23-Oct-2019	The Vanguard Group, Inc.	BUY	15.00	Ordinary	3,910	3,910
23-Oct-2019	The Vanguard Group, Inc.	SELL	14.90	Ordinary	(2,574)	(2,574)
25-Oct-2019	The Vanguard Group, Inc.	SELL	14.96	Ordinary	(13,272)	(13,272)
25-Oct-2019	The Vanguard Group, Inc.	BUY	14.96	Ordinary	13,948	13,948
25-Oct-2019	The Vanguard Group, Inc.	SELL	14.96	Ordinary	(29)	(29)
25-Oct-2019	The Vanguard Group, Inc.	BUY	14.96	Ordinary	596	596
28-Oct-2019	The Vanguard Group, Inc.	BUY	14.56	Ordinary	35,141	35,141
29-Oct-2019	The Vanguard Group, Inc.	SELL	15.01	Ordinary	(10,882)	(10,882)

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
31-Oct-2019	The Vanguard Group, Inc.	SELL	14.99	Ordinary	(15,778)	(15,778)
1-Nov-2019	The Vanguard Group, Inc.	BUY	14.90	Ordinary	406	406
5-Nov-2019	The Vanguard Group, Inc.	BUY	14.99	Ordinary	7,820	7,820
6-Nov-2019	The Vanguard Group, Inc.	BUY	14.96	Ordinary	3,910	3,910
6-Nov-2019	The Vanguard Group, Inc.	BUY	14.99	Ordinary	4,429	4,429
8-Nov-2019	The Vanguard Group, Inc.	BUY	15.25	Ordinary	596	596
11-Nov-2019	The Vanguard Group, Inc.	BUY	15.45	Ordinary	5,474	5,474
12-Nov-2019	The Vanguard Group, Inc.	SELL	15.49	Ordinary	(3,735)	(3,735)
14-Nov-2019	The Vanguard Group, Inc.	BUY	15.38	Ordinary	26,465	26,465
15-Nov-2019	The Vanguard Group, Inc.	BUY	15.66	Ordinary	3,128	3,128
15-Nov-2019	The Vanguard Group, Inc.	BUY	15.51	Ordinary	10,246	10,246
18-Nov-2019	The Vanguard Group, Inc.	BUY	15.66	Ordinary	4,301	4,301
18-Nov-2019	The Vanguard Group, Inc.	BUY	15.69	Ordinary	1,370	1,370
18-Nov-2019	The Vanguard Group, Inc.	BUY	15.67	Ordinary	1,707	1,707
19-Nov-2019	The Vanguard Group, Inc.	BUY	15.72	Ordinary	623	623
21-Nov-2019	The Vanguard Group, Inc.	BUY	15.71	Ordinary	328	328
22-Nov-2019	The Vanguard Group, Inc.	BUY	15.63	Ordinary	6,256	6,256
22-Nov-2019	The Vanguard Group, Inc.	SELL	15.66	Ordinary	(782)	(782)
22-Nov-2019	The Vanguard Group, Inc.	BUY	15.63	Ordinary	1,138	1,138
25-Nov-2019	The Vanguard Group, Inc.	BUY	15.74	Ordinary	7,820	7,820
25-Nov-2019	The Vanguard Group, Inc.	BUY	15.69	Ordinary	12,274	12,274
25-Nov-2019	The Vanguard Group, Inc.	BUY	15.68	Ordinary	569	569
26-Nov-2019	The Vanguard Group, Inc.	SELL	16.17	Ordinary	(219)	(219)
26-Nov-2019	The Vanguard Group, Inc.	BUY	16.17	Ordinary	11,940	11,940
26-Jul-2019	Vanguard Investments Australia Ltd.	Sell	14.21	Ordinary	(4,304)	(4,304)
30-Jul-2019	Vanguard Investments Australia Ltd.	BUY	14.31	Ordinary	11,770	11,770
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	14.20	Ordinary	27,149	27,149
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	14.20	Ordinary	5,952	5,952
1-Aug-2019	Vanguard Investments Australia Ltd.	SELL	14.05	Ordinary	(6,584)	(6,584)
2-Aug-2019	Vanguard Investments Australia Ltd.	Sell	14.02	Ordinary	(10,468)	(10,468)
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.54	Ordinary	7,936	7,936
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.54	Ordinary	9,648	9,648
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.54	Ordinary	9,648	9,648
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.54	Ordinary	18,585	18,585
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.72	Ordinary	13,888	13,888
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.72	Ordinary	11,507	11,507
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.61	Ordinary	11,792	11,792
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.61	Ordinary	11,452	11,452
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.52	Ordinary	11,657	11,657
12-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.57	Ordinary	11,759	11,759
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.55	Ordinary	2,702	2,702
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.55	Ordinary	7,964	7,964
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.55	Ordinary	31,023	31,023
15-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.15	Ordinary	7,964	7,964
16-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.14	Ordinary	14,732	14,732
19-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.20	Ordinary	14,994	14,994
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.23	Ordinary	11,364	11,364
20-Aug-2019	Vanguard Investments Australia Ltd.	SELL	13.23	Ordinary	(6,797)	(6,797)
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.23	Ordinary	13,229	13,229
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.24	Ordinary	5,979	5,979
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.52	Ordinary	8,278	8,278
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.52	Ordinary	20,655	20,655
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.56	Ordinary	11,530	11,530
27-Aug-2019	Vanguard Investments Australia Ltd.	Buy	13.56	Ordinary	2,460	2,460
27-Aug-2019	Vanguard Investments Australia Ltd.	Sell	13.56	Ordinary	(7,646)	(7,646)
27-Aug-2019	Vanguard Investments Australia Ltd.	Buy	13.56	Ordinary	455,417	455,417
28-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.42	Ordinary	23,705	23,705
29-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.62	Ordinary	6,003	6,003
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.84	Ordinary	21,401	21,401
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	13.84	Ordinary	9,721	9,721
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	13.89	Ordinary	23,100	23,100
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.15	Ordinary	111,688	111,688
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.22	Ordinary	15,780	15,780
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.22	Ordinary	8,024	8,024
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.66	Ordinary	8,052	8,052
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.66	Ordinary	24,096	24,096
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.66	Ordinary	18,273	18,273
6-Sep-2019	Vanguard Investments Australia Ltd.	SELL	14.69	Ordinary	(5,301)	(5,301)
9-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.71	Ordinary	8,052	8,052
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.77	Ordinary	7,180	7,180
12-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.85	Ordinary	7,737	7,737
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	14.67	Ordinary	(4,554)	(4,554)
13-Sep-2019	Vanguard Investments Australia Ltd.	Buy	14.67	Ordinary	3,523	3,523
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.78	Ordinary	7,091	7,091
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.78	Ordinary	20,102	20,102
18-Sep-2019	Vanguard Investments Australia Ltd.	SELL	14.67	Ordinary	(6,766)	(6,766)
19-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.97	Ordinary	6,042	6,042
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	14.77	Ordinary	(23,080)	(23,080)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	14.78	Ordinary	10,590	10,590
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	15.00	Ordinary	15,675	15,675
24-Sep-2019	Vanguard Investments Australia Ltd.	Buy	15.37	Ordinary	3,011	3,011
25-Sep-2019	Vanguard Investments Australia Ltd.	SELL	15.12	Ordinary	(6,507)	(6,507)
25-Sep-2019	Vanguard Investments Australia Ltd.	BUY	15.12	Ordinary	14,644	14,644
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	15.27	Ordinary	14,056	14,056
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	15.27	Ordinary	8,032	8,032
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	15.27	Ordinary	12,576	12,576
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	15.40	Ordinary	(33,010)	(33,010)
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.43	Ordinary	30,371	30,371
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.43	Ordinary	9,862	9,862
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.24	Ordinary	19,703	19,703
2-Oct-2019	Vanguard Investments Australia Ltd.	SELL	15.24	Ordinary	(24,888)	(24,888)
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.99	Ordinary	13,899	13,899
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.94	Ordinary	11,856	11,856

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.90	Ordinary	6,910	6,910
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.90	Ordinary	21,334	21,334
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.90	Ordinary	17,646	17,646
7-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.06	Ordinary	29,221	29,221
9-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.09	Ordinary	9,875	9,875
10-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.20	Ordinary	30,854	30,854
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.37	Ordinary	5,360	5,360
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.37	Ordinary	8,328	8,328
14-Oct-2019	Vanguard Investments Australia Ltd.	SELL	15.19	Ordinary	(6,506)	(6,506)
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.19	Ordinary	149,174	149,174
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.40	Ordinary	176,778	176,778
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.25	Ordinary	8,067	8,067
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.25	Ordinary	7,900	7,900
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.00	Ordinary	5,925	5,925
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	15.00	Ordinary	10,460	10,460
21-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.96	Ordinary	11,364	11,364
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.94	Ordinary	10,480	10,480
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.94	Ordinary	25,496	25,496
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.97	Ordinary	11,972	11,972
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.97	Ordinary	6,694	6,694
24-Oct-2019	Vanguard Investments Australia Ltd.	SELL	14.95	Ordinary	(4,077)	(4,077)
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.56	Ordinary	10,490	10,490
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.84	Ordinary	7,900	7,900
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.84	Ordinary	5,925	5,925
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.84	Ordinary	35,749	35,749
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.99	Ordinary	13,991	13,991
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.99	Ordinary	25,200	25,200
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	14.93	Ordinary	19,338	19,338
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	14.99	Ordinary	(12,600)	(12,600)
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.02	Ordinary	(139,512)	(139,512)
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.02	Ordinary	7,900	7,900
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.02	Ordinary	5,925	5,925
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.02	Ordinary	21,123	21,123
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.02	Ordinary	(22,603)	(22,603)
4-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.01	Ordinary	(182,441)	(182,441)
4-Nov-2019	Vanguard Investments Australia Ltd.	BUY	14.99	Ordinary	19,247	19,247
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	14.99	Ordinary	(42,429)	(42,429)
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	14.99	Ordinary	(6,671)	(6,671)
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	14.99	Ordinary	7,900	7,900
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	14.99	Ordinary	12,648	12,648
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.28	Ordinary	(7,888)	(7,888)
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.28	Ordinary	7,888	7,888
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.28	Ordinary	(15,904)	(15,904)
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.28	Ordinary	10,941	10,941
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.44	Ordinary	28,524	28,524
12-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.53	Ordinary	(4,499)	(4,499)
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.53	Ordinary	5,946	5,946
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.53	Ordinary	11,627	11,627
13-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.16	Ordinary	(4,724)	(4,724)
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.16	Ordinary	3,180	3,180
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.44	Ordinary	19,525	19,525
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.44	Ordinary	2,698	2,698
15-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.65	Ordinary	7,944	7,944
19-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.72	Ordinary	(1,652)	(1,652)
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.72	Ordinary	13,793	13,793
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.68	Ordinary	7,427	7,427
20-Nov-2019	Vanguard Investments Australia Ltd.	SELL	15.68	Ordinary	(85,685)	(85,685)
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.71	Ordinary	18,783	18,783
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.71	Ordinary	95,981	95,981
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.71	Ordinary	23,905	23,905
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.71	Ordinary	7,944	7,944
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.71	Ordinary	22,281	22,281
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.63	Ordinary	4,047	4,047
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.63	Ordinary	5,958	5,958
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.63	Ordinary	29,973	29,973
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.68	Ordinary	11,460	11,460
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.68	Ordinary	21,630	21,630
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	46,343	46,343
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	190,971	190,971
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	41,035	41,035
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	16.17	Ordinary	(9,686)	(9,686)
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	16.17	Ordinary	(9,686)	(9,686)

This is Annexure A of 3 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 29 November 2019