

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme Rio Tinto Limited
ACN/ARSN 004 458 404

1. Details of substantial holder (1)

Name The Vanguard Group, Inc.
ACN/ARSN (if applicable) N/A
The holder became a substantial holder on 16 July 2018

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	20,623,906	20,623,906	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 Investments Australia Ltd.	Beneficial Owner	Ordinary – 9,070,387
The Vanguard Group, Inc.	Beneficial Owner	Ordinary – 11,553,519

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 Investments Australia Ltd	JP Morgan Chase Bank, N.A. and various other Custodians	Vanguard Investments Australia Ltd is the manager of various superannuation funds, institutional investor portfolios and unit trusts and in that capacity can exercise the power to vote and/or dispose of the shares	Ordinary – 9,070,387
The Vanguard Group, Inc.	Brown Brothers Harriman	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Ordinary – 2,175,732
The Vanguard Group, Inc.	Bank of New York Mellon	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Ordinary – 47,053
The Vanguard Group, Inc.	JP Morgan Chase Bank, N.A.	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Ordinary – 5,851,164
The Vanguard Group, Inc.	State Street Bank and Trust Company	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Ordinary – 3,476,132
The Vanguard Group, Inc.	Citibank	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Ordinary – 3,438

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
The Vanguard Group, Inc.	P.O. Box 2600, V26 Valley Forge, PA 19482 USA
Vanguard Investments Australia Ltd.	Level 34, 2 Southbank Blvd, Southbank 3006 VIC

print name K. H. Dulger capacity Mys

sign here K. H. Dulger date 18 July 2018

To Company
ACN/ARSN

Rio Tinto Limited
004 458 404

Substantial Holder Name
ACN/ARSN

The Vanguard Group, Inc.
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-Mar-2018	The Vanguard Group, Inc.	Buy	76.44	Ordinary	564	564
16-Mar-2018	The Vanguard Group, Inc.	Buy	76.62	Ordinary	13	13
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(2,469)	(2,469)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.44	Ordinary	(2,583)	(2,583)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(69,887)	(69,887)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(6,745)	(6,745)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(16,155)	(16,155)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(4,472)	(4,472)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.62	Ordinary	(908)	(908)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(604)	(604)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(154)	(154)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.61	Ordinary	(531)	(531)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.62	Ordinary	(45)	(45)
16-Mar-2018	The Vanguard Group, Inc.	Sell	76.62	Ordinary	(161)	(161)
19-Mar-2018	The Vanguard Group, Inc.	Buy	76.37	Ordinary	1,908	1,908
20-Mar-2018	The Vanguard Group, Inc.	Buy	75.50	Ordinary	11,301	11,301
20-Mar-2018	The Vanguard Group, Inc.	Buy	75.02	Ordinary	2,688	2,688
20-Mar-2018	The Vanguard Group, Inc.	Buy	75.02	Ordinary	801	801
20-Mar-2018	The Vanguard Group, Inc.	Buy	75.14	Ordinary	223	223
20-Mar-2018	The Vanguard Group, Inc.	Sell	75.50	Ordinary	(186)	(186)
21-Mar-2018	The Vanguard Group, Inc.	Buy	75.36	Ordinary	465	465
21-Mar-2018	The Vanguard Group, Inc.	Buy	75.36	Ordinary	1,235	1,235
21-Mar-2018	The Vanguard Group, Inc.	Buy	75.36	Ordinary	988	988
21-Mar-2018	The Vanguard Group, Inc.	Buy	75.23	Ordinary	311	311
21-Mar-2018	The Vanguard Group, Inc.	Buy	75.99	Ordinary	25	25
22-Mar-2018	The Vanguard Group, Inc.	Sell	76.78	Ordinary	(203)	(203)
23-Mar-2018	The Vanguard Group, Inc.	Buy	73.89	Ordinary	19,969	19,969
23-Mar-2018	The Vanguard Group, Inc.	Buy	72.34	Ordinary	2,240	2,240
23-Mar-2018	The Vanguard Group, Inc.	Buy	72.34	Ordinary	4,480	4,480
26-Mar-2018	The Vanguard Group, Inc.	Buy	74.54	Ordinary	930	930
26-Mar-2018	The Vanguard Group, Inc.	Buy	74.54	Ordinary	1,344	1,344
27-Mar-2018	The Vanguard Group, Inc.	Buy	74.16	Ordinary	1,763	1,763
27-Mar-2018	The Vanguard Group, Inc.	Buy	74.16	Ordinary	15,453	15,453
28-Mar-2018	The Vanguard Group, Inc.	Buy	73.14	Ordinary	1,792	1,792
28-Mar-2018	The Vanguard Group, Inc.	Buy	73.39	Ordinary	27	27
29-Mar-2018	The Vanguard Group, Inc.	Buy	73.54	Ordinary	3,629	3,629
29-Mar-2018	The Vanguard Group, Inc.	Buy	72.70	Ordinary	3,064	3,064
2-Apr-2018	The Vanguard Group, Inc.	Buy	72.21	Ordinary	534	534
3-Apr-2018	The Vanguard Group, Inc.	Buy	73.04	Ordinary	4,784	4,784
3-Apr-2018	The Vanguard Group, Inc.	Buy	73.04	Ordinary	3,474	3,474
4-Apr-2018	The Vanguard Group, Inc.	Buy	74.43	Ordinary	16,529	16,529
4-Apr-2018	The Vanguard Group, Inc.	Buy	74.43	Ordinary	6,928	6,928
4-Apr-2018	The Vanguard Group, Inc.	Buy	74.18	Ordinary	1,134	1,134
4-Apr-2018	The Vanguard Group, Inc.	Buy	74.18	Ordinary	793	793
4-Apr-2018	The Vanguard Group, Inc.	Buy	74.18	Ordinary	2,218	2,218
4-Apr-2018	The Vanguard Group, Inc.	Buy	74.43	Ordinary	61	61
5-Apr-2018	The Vanguard Group, Inc.	Buy	73.30	Ordinary	280	280
5-Apr-2018	The Vanguard Group, Inc.	Sell	73.56	Ordinary	(1,182)	(1,182)
9-Apr-2018	The Vanguard Group, Inc.	Buy	73.21	Ordinary	1,272	1,272
9-Apr-2018	The Vanguard Group, Inc.	Buy	73.47	Ordinary	99	99
9-Apr-2018	The Vanguard Group, Inc.	Buy	72.69	Ordinary	5,200	5,200
9-Apr-2018	The Vanguard Group, Inc.	Buy	73.47	Ordinary	3,891	3,891
10-Apr-2018	The Vanguard Group, Inc.	Buy	75.84	Ordinary	837	837
10-Apr-2018	The Vanguard Group, Inc.	Buy	75.50	Ordinary	432	432
11-Apr-2018	The Vanguard Group, Inc.	Buy	76.65	Ordinary	15,823	15,823
11-Apr-2018	The Vanguard Group, Inc.	Buy	76.63	Ordinary	1,116	1,116
11-Apr-2018	The Vanguard Group, Inc.	Buy	76.65	Ordinary	1,980	1,980
11-Apr-2018	The Vanguard Group, Inc.	Buy	76.50	Ordinary	278	278
13-Apr-2018	The Vanguard Group, Inc.	Buy	78.07	Ordinary	534	534
18-Apr-2018	The Vanguard Group, Inc.	Buy	78.80	Ordinary	930	930

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
18-Apr-2018	The Vanguard Group, Inc.	Buy	78.78	Ordinary	6,550	6,550
18-Apr-2018	The Vanguard Group, Inc.	Buy	78.96	Ordinary	1,411	1,411
18-Apr-2018	The Vanguard Group, Inc.	Buy	78.96	Ordinary	92	92
19-Apr-2018	The Vanguard Group, Inc.	Buy	81.42	Ordinary	5,506	5,506
19-Apr-2018	The Vanguard Group, Inc.	Buy	81.10	Ordinary	1,832	1,832
20-Apr-2018	The Vanguard Group, Inc.	Buy	81.03	Ordinary	86	86
23-Apr-2018	The Vanguard Group, Inc.	Buy	81.02	Ordinary	2,675	2,675
23-Apr-2018	The Vanguard Group, Inc.	Buy	81.66	Ordinary	217	217
24-Apr-2018	The Vanguard Group, Inc.	Buy	78.53	Ordinary	534	534
26-Apr-2018	The Vanguard Group, Inc.	Buy	79.85	Ordinary	930	930
26-Apr-2018	The Vanguard Group, Inc.	Buy	79.85	Ordinary	7,168	7,168
26-Apr-2018	The Vanguard Group, Inc.	Buy	80.00	Ordinary	3,751	3,751
27-Apr-2018	The Vanguard Group, Inc.	Buy	79.88	Ordinary	11,361	11,361
27-Apr-2018	The Vanguard Group, Inc.	Buy	79.72	Ordinary	1,023	1,023
27-Apr-2018	The Vanguard Group, Inc.	Buy	79.65	Ordinary	362	362
27-Apr-2018	The Vanguard Group, Inc.	Sell	80.03	Ordinary	(174)	(174)
1-May-2018	The Vanguard Group, Inc.	Buy	79.36	Ordinary	13,635	13,635
1-May-2018	The Vanguard Group, Inc.	Sell	79.65	Ordinary	(1,182)	(1,182)
2-May-2018	The Vanguard Group, Inc.	Buy	79.92	Ordinary	3,325	3,325
2-May-2018	The Vanguard Group, Inc.	Buy	79.92	Ordinary	2,540	2,540
3-May-2018	The Vanguard Group, Inc.	Buy	81.48	Ordinary	534	534
3-May-2018	The Vanguard Group, Inc.	Buy	81.48	Ordinary	534	534
3-May-2018	The Vanguard Group, Inc.	Buy	81.00	Ordinary	772	772
7-May-2018	The Vanguard Group, Inc.	Buy	81.02	Ordinary	2,688	2,688
7-May-2018	The Vanguard Group, Inc.	Buy	81.02	Ordinary	534	534
7-May-2018	The Vanguard Group, Inc.	Buy	81.00	Ordinary	162	162
8-May-2018	The Vanguard Group, Inc.	Buy	81.57	Ordinary	19,365	19,365
8-May-2018	The Vanguard Group, Inc.	Buy	81.10	Ordinary	351	351
9-May-2018	The Vanguard Group, Inc.	Buy	82.15	Ordinary	6,720	6,720
9-May-2018	The Vanguard Group, Inc.	Buy	81.67	Ordinary	747	747
10-May-2018	The Vanguard Group, Inc.	Buy	82.42	Ordinary	5,726	5,726
14-May-2018	The Vanguard Group, Inc.	Buy	84.17	Ordinary	988	988
14-May-2018	The Vanguard Group, Inc.	Buy	84.50	Ordinary	826	826
15-May-2018	The Vanguard Group, Inc.	Buy	83.51	Ordinary	5,376	5,376
15-May-2018	The Vanguard Group, Inc.	Buy	83.61	Ordinary	324	324
16-May-2018	The Vanguard Group, Inc.	Buy	84.97	Ordinary	4,134	4,134
16-May-2018	The Vanguard Group, Inc.	Buy	83.70	Ordinary	1,935	1,935
17-May-2018	The Vanguard Group, Inc.	Buy	86.14	Ordinary	12,340	12,340
17-May-2018	The Vanguard Group, Inc.	Buy	86.14	Ordinary	5,425	5,425
17-May-2018	The Vanguard Group, Inc.	Buy	86.73	Ordinary	534	534
22-May-2018	The Vanguard Group, Inc.	Buy	84.49	Ordinary	17,037	17,037
22-May-2018	The Vanguard Group, Inc.	Buy	84.21	Ordinary	1,767	1,767
22-May-2018	The Vanguard Group, Inc.	Buy	84.49	Ordinary	8,626	8,626
22-May-2018	The Vanguard Group, Inc.	Buy	84.21	Ordinary	3,136	3,136
23-May-2018	The Vanguard Group, Inc.	Buy	84.76	Ordinary	251	251
23-May-2018	The Vanguard Group, Inc.	Buy	84.76	Ordinary	3,786	3,786
23-May-2018	The Vanguard Group, Inc.	Sell	84.56	Ordinary	(60)	(60)
24-May-2018	The Vanguard Group, Inc.	Buy	83.98	Ordinary	534	534
24-May-2018	The Vanguard Group, Inc.	Buy	83.91	Ordinary	493	493
24-May-2018	The Vanguard Group, Inc.	Sell	83.98	Ordinary	(788)	(788)
25-May-2018	The Vanguard Group, Inc.	Buy	82.93	Ordinary	1,344	1,344
29-May-2018	The Vanguard Group, Inc.	Buy	83.00	Ordinary	109	109
30-May-2018	The Vanguard Group, Inc.	Buy	81.95	Ordinary	12,218	12,218
30-May-2018	The Vanguard Group, Inc.	Buy	82.02	Ordinary	27,897	27,897
31-May-2018	The Vanguard Group, Inc.	Buy	82.72	Ordinary	8,322	8,322
31-May-2018	The Vanguard Group, Inc.	Buy	82.92	Ordinary	493	493
31-May-2018	The Vanguard Group, Inc.	Buy	82.92	Ordinary	1,106	1,106
31-May-2018	The Vanguard Group, Inc.	Buy	82.92	Ordinary	7,546	7,546
31-May-2018	The Vanguard Group, Inc.	Sell	82.92	Ordinary	(3,510)	(3,510)
31-May-2018	The Vanguard Group, Inc.	Sell	82.92	Ordinary	(2,828)	(2,828)
1-Jun-2018	The Vanguard Group, Inc.	Buy	82.39	Ordinary	8,248	8,248
1-Jun-2018	The Vanguard Group, Inc.	Buy	82.99	Ordinary	2,240	2,240
4-Jun-2018	The Vanguard Group, Inc.	Buy	83.10	Ordinary	1,593	1,593
5-Jun-2018	The Vanguard Group, Inc.	Buy	82.15	Ordinary	250	250
6-Jun-2018	The Vanguard Group, Inc.	Buy	83.41	Ordinary	7,646	7,646
6-Jun-2018	The Vanguard Group, Inc.	Buy	83.41	Ordinary	263	263
7-Jun-2018	The Vanguard Group, Inc.	Buy	85.53	Ordinary	17,561	17,561

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
7-Jun-2018	The Vanguard Group, Inc.	Sell	85.97	Ordinary	(5,383)	(5,383)
12-Jun-2018	The Vanguard Group, Inc.	Buy	85.66	Ordinary	11,195	11,195
14-Jun-2018	The Vanguard Group, Inc.	Buy	84.68	Ordinary	584	584
14-Jun-2018	The Vanguard Group, Inc.	Buy	84.62	Ordinary	600	600
15-Jun-2018	The Vanguard Group, Inc.	Buy	85.70	Ordinary	438	438
15-Jun-2018	The Vanguard Group, Inc.	Sell	85.64	Ordinary	(1,391)	(1,391)
15-Jun-2018	The Vanguard Group, Inc.	Sell	85.64	Ordinary	(44,293)	(44,293)
15-Jun-2018	The Vanguard Group, Inc.	Sell	85.64	Ordinary	(9,033)	(9,033)
15-Jun-2018	The Vanguard Group, Inc.	Sell	85.64	Ordinary	(6,749)	(6,749)
19-Jun-2018	The Vanguard Group, Inc.	Buy	83.53	Ordinary	29,556	29,556
20-Jun-2018	The Vanguard Group, Inc.	Buy	82.37	Ordinary	16,489	16,489
20-Jun-2018	The Vanguard Group, Inc.	Buy	82.66	Ordinary	3,094	3,094
21-Jun-2018	The Vanguard Group, Inc.	Sell	83.10	Ordinary	(218)	(218)
25-Jun-2018	The Vanguard Group, Inc.	Buy	83.25	Ordinary	229	229
26-Jun-2018	The Vanguard Group, Inc.	Buy	81.83	Ordinary	26,123	26,123
27-Jun-2018	The Vanguard Group, Inc.	Buy	82.10	Ordinary	10,070	10,070
27-Jun-2018	The Vanguard Group, Inc.	Buy	81.44	Ordinary	952	952
27-Jun-2018	The Vanguard Group, Inc.	Sell	82.08	Ordinary	(314)	(314)
28-Jun-2018	The Vanguard Group, Inc.	Buy	82.84	Ordinary	16,449	16,449
29-Jun-2018	The Vanguard Group, Inc.	Buy	83.44	Ordinary	133	133
29-Jun-2018	The Vanguard Group, Inc.	Buy	83.44	Ordinary	8,145	8,145
3-Jul-2018	The Vanguard Group, Inc.	Buy	82.56	Ordinary	18,174	18,174
3-Jul-2018	The Vanguard Group, Inc.	Buy	80.50	Ordinary	390	390
3-Jul-2018	The Vanguard Group, Inc.	Buy	80.50	Ordinary	654	654
4-Jul-2018	The Vanguard Group, Inc.	Buy	80.13	Ordinary	2,929	2,929
6-Jul-2018	The Vanguard Group, Inc.	Buy	80.12	Ordinary	936	936
6-Jul-2018	The Vanguard Group, Inc.	Buy	79.76	Ordinary	2,389	2,389
6-Jul-2018	The Vanguard Group, Inc.	Buy	79.52	Ordinary	104	104
11-Jul-2018	The Vanguard Group, Inc.	Buy	81.17	Ordinary	200	200
11-Jul-2018	The Vanguard Group, Inc.	Sell	81.17	Ordinary	(558)	(558)
12-Jul-2018	The Vanguard Group, Inc.	Sell	80.29	Ordinary	(1,784)	(1,784)
12-Jul-2018	The Vanguard Group, Inc.	Sell	79.45	Ordinary	(208)	(208)
12-Jul-2018	The Vanguard Group, Inc.	Sell	79.95	Ordinary	(6,605)	(6,605)
13-Jul-2018	The Vanguard Group, Inc.	Buy	80.30	Ordinary	17,028	17,028
13-Jul-2018	The Vanguard Group, Inc.	Buy	79.84	Ordinary	23	23
13-Jul-2018	The Vanguard Group, Inc.	Buy	80.30	Ordinary	6,316	6,316
16-Mar-2018	Vanguard Investments Australia Ltd.	Sell	76.62	Ordinary	(3,201)	(3,201)
21-Mar-2018	Vanguard Investments Australia Ltd.	Buy	75.23	Ordinary	2,394	2,394
22-Mar-2018	Vanguard Investments Australia Ltd.	Sell	76.78	Ordinary	(2,552)	(2,552)
26-Mar-2018	Vanguard Investments Australia Ltd.	Buy	73.50	Ordinary	5,097	5,097
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	300	300
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	7,638	7,638
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	918	918
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	833	833
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	707	707
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	3,078	3,078
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.41	Ordinary	6,097	6,097
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	74.16	Ordinary	4,389	4,389
29-Mar-2018	Vanguard Investments Australia Ltd.	Buy	72.70	Ordinary	10,011	10,011
29-Mar-2018	Vanguard Investments Australia Ltd.	Sell	72.70	Ordinary	(348)	(348)
3-Apr-2018	Vanguard Investments Australia Ltd.	Buy	74.19	Ordinary	5,449	5,449
5-Apr-2018	Vanguard Investments Australia Ltd.	Buy	73.29	Ordinary	6,129	6,129
5-Apr-2018	Vanguard Investments Australia Ltd.	Buy	73.30	Ordinary	4,728	4,728
6-Apr-2018	Vanguard Investments Australia Ltd.	Buy	73.22	Ordinary	4,895	4,895
10-Apr-2018	Vanguard Investments Australia Ltd.	Buy	75.50	Ordinary	4,319	4,319
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	661	661
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	5,371	5,371
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	1,281	1,281
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	1,091	1,091
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	1,872	1,872
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	237	237
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	3,849	3,849
12-Apr-2018	Vanguard Investments Australia Ltd.	Buy	77.11	Ordinary	6,245	6,245
13-Apr-2018	Vanguard Investments Australia Ltd.	Buy	78.36	Ordinary	9,397	9,397
19-Apr-2018	Vanguard Investments Australia Ltd.	Buy	81.42	Ordinary	4,728	4,728
19-Apr-2018	Vanguard Investments Australia Ltd.	Sell	81.42	Ordinary	(1,745)	(1,745)
19-Apr-2018	Vanguard Investments Australia Ltd.	Sell	81.42	Ordinary	(1,466)	(1,466)

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
24-Apr-2018	Vanguard Investments Australia Ltd.	Buy	79.52	Ordinary	3,661	3,661
27-Apr-2018	Vanguard Investments Australia Ltd.	Buy	79.65	Ordinary	5,279	5,279
3-May-2018	Vanguard Investments Australia Ltd.	Sell	81.37	Ordinary	(596)	(596)
4-May-2018	Vanguard Investments Australia Ltd.	Buy	80.94	Ordinary	2,328	2,328
4-May-2018	Vanguard Investments Australia Ltd.	Sell	80.94	Ordinary	(1,890)	(1,890)
8-May-2018	Vanguard Investments Australia Ltd.	Buy	81.10	Ordinary	4,827	4,827
17-May-2018	Vanguard Investments Australia Ltd.	Buy	86.75	Ordinary	251	251
17-May-2018	Vanguard Investments Australia Ltd.	Buy	86.75	Ordinary	3,534	3,534
17-May-2018	Vanguard Investments Australia Ltd.	Sell	86.75	Ordinary	(1,121)	(1,121)
18-May-2018	Vanguard Investments Australia Ltd.	Buy	85.81	Ordinary	2,716	2,716
22-May-2018	Vanguard Investments Australia Ltd.	Buy	84.60	Ordinary	3,104	3,104
23-May-2018	Vanguard Investments Australia Ltd.	Sell	84.76	Ordinary	(2,852)	(2,852)
25-May-2018	Vanguard Investments Australia Ltd.	Sell	83.17	Ordinary	(5,541)	(5,541)
29-May-2018	Vanguard Investments Australia Ltd.	Buy	83.00	Ordinary	7,855	7,855
29-May-2018	Vanguard Investments Australia Ltd.	Sell	83.00	Ordinary	(1,402)	(1,402)
29-May-2018	Vanguard Investments Australia Ltd.	Sell	83.00	Ordinary	(2,517)	(2,517)
30-May-2018	Vanguard Investments Australia Ltd.	Buy	81.98	Ordinary	529	529
31-May-2018	Vanguard Investments Australia Ltd.	Buy	82.92	Ordinary	638	638
31-May-2018	Vanguard Investments Australia Ltd.	Buy	82.97	Ordinary	2,751	2,751
1-Jun-2018	Vanguard Investments Australia Ltd.	Buy	82.50	Ordinary	9,722	9,722
1-Jun-2018	Vanguard Investments Australia Ltd.	Buy	82.50	Ordinary	8,652	8,652
4-Jun-2018	Vanguard Investments Australia Ltd.	Sell	83.10	Ordinary	(1,414)	(1,414)
8-Jun-2018	Vanguard Investments Australia Ltd.	Buy	86.60	Ordinary	2,751	2,751
13-Jun-2018	Vanguard Investments Australia Ltd.	Sell	84.11	Ordinary	(2,430)	(2,430)
14-Jun-2018	Vanguard Investments Australia Ltd.	Buy	84.62	Ordinary	3,930	3,930
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	8,934	8,934
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	807	807
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	1,162	1,162
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	15,100	15,100
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	771	771
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	4,468	4,468
15-Jun-2018	Vanguard Investments Australia Ltd.	Buy	85.64	Ordinary	5,935	5,935
20-Jun-2018	Vanguard Investments Australia Ltd.	Sell	82.75	Ordinary	(1,460)	(1,460)
21-Jun-2018	Vanguard Investments Australia Ltd.	Buy	83.38	Ordinary	6,496	6,496
29-Jun-2018	Vanguard Investments Australia Ltd.	Sell	83.44	Ordinary	(133)	(133)
29-Jun-2018	Vanguard Investments Australia Ltd.	Sell	83.44	Ordinary	(17,579)	(17,579)
3-Jul-2018	Vanguard Investments Australia Ltd.	Buy	80.80	Ordinary	11,610	11,610
5-Jul-2018	Vanguard Investments Australia Ltd.	Buy	79.40	Ordinary	6,321	6,321
5-Jul-2018	Vanguard Investments Australia Ltd.	Buy	79.40	Ordinary	480	480
6-Jul-2018	Vanguard Investments Australia Ltd.	Buy	80.25	Ordinary	2,383	2,383
6-Jul-2018	Vanguard Investments Australia Ltd.	Buy	80.25	Ordinary	1,385	1,385
6-Jul-2018	Vanguard Investments Australia Ltd.	Buy	80.25	Ordinary	8,233	8,233
6-Jul-2018	Vanguard Investments Australia Ltd.	Buy	79.76	Ordinary	3,465	3,465
9-Jul-2018	Vanguard Investments Australia Ltd.	Sell	80.91	Ordinary	(2,764)	(2,764)
10-Jul-2018	Vanguard Investments Australia Ltd.	Buy	81.62	Ordinary	487	487
16-Jul-2018	Vanguard Investments Australia Ltd.	Buy	79.41	Ordinary	2,310	2,310
16-Jul-2018	Vanguard Investments Australia Ltd.	Buy	79.41	Ordinary	6,443	6,443

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

Signature

Date

18-Jul-2018