Form 604

Corporations Act 2001

Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme	IPH Ltd
ACN/ARSN	169 015 838

1. Details of substantial holder (1)

Name Invesco Ltd. ("Invesco Ltd."), ar		nd its related bodies corporate
ACN/ARSN (if applicable)		
There was a change in the interests of the substantial holder on		07-Oct-2022
The previous notice was given to the	ne company on	15-Dec-2020
The previous notice was dated		11-Dec-2020

2. Previous and present 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 when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous Notice		Present Notice	
	Person's votes Voting power (5)		Person's votes	Voting power (5)
Common Stock	13,293,552	6.15%	11,366,939	5.04%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	J (1)	Consideration given in relation to change (7)	 Person's votes affected
See Annexure "A"				

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Invesco Advisers	State Street Bank And Trust Co.	Invesco Advisers	Voting Rights/Investment Discretion	10,439,048	10,439,048
Invesco CM LLC	Bank Of New York Mellon	Invesco CM LLC	Voting Rights/Investment Discretion	26,081	26,081
Invesco Australia	JP Morgan Chase	Invesco Australia	Voting Rights/Investment Discretion	2393	2393
Invesco Advisers	JPM Chase Bank, London	Invesco Advisers	Voting Rights/Investment Discretion	71,4940	71,4940
Invesco Advisers	National Australia Bank Limited	Invesco Advisers	Voting Rights/Investment Discretion	18,4477	18,4477

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

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

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Invesco Ltd.	1555 Peachtree Street NE, Suite 1800, Atlanta GA 30309, United States
Invesco Advisers, Inc.	1555 Peachtree Street, NE, Suite 1800, Atlanta GA 30309, United States
Invesco Australia Ltd	Level 26, 333 Collins Street, Victoria, Melbourne C3 3000, Australia
Invesco Trust Company	1555 Peachtree Street NE, Suite 1800, Atlanta GA 30309, United States
Invesco Capital Management LLC	3500 Lacey RD, Downers Grove IL 60515, United States

Signature

print name	Nick Burrell	capacity	Company Secretary
sign here	Mun	date	11-Oct-2022

Annexure "A"

3. Changes in relevant interests (from 12-Dec-2020 to 07-Oct-2022)

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation	Class and number of securities affected	Person's votes aff
23-Dec-2020	Invesco Advisers, Inc.	Acquired on market	to change (7) 554877.96 AUD	86501 Common Stock	86,501
23-Dec-2020	Invesco Advisers, Inc.	Acquired on market	1667.82 AUD	260 Common Stock	260
23-Dec-2020	Invesco Australia Ltd	Disposed on market	20939.54 AUD	3276 Common Stock	3,276
24-Dec-2020	Invesco Advisers, Inc.	Acquired on market	999497.10 AUD	154241 Common Stock	154,241
24-Dec-2020	Invesco Advisers, Inc.	Acquired on market	3000.29 AUD	463 Common Stock	463
29-Dec-2020	Invesco Advisers, Inc.	Acquired on market	520417.97 AUD	79588 Common Stock	79,588
29-Dec-2020	Invesco Advisers, Inc.	Acquired on market	1562.80 AUD	239 Common Stock	239
30-Dec-2020	Invesco Advisers, Inc.	Acquired on market	265967.58 AUD	40684 Common Stock	40,684
30-Dec-2020	Invesco Advisers, Inc.	Acquired on market	797.56 AUD	122 Common Stock	122
31-Dec-2020	Invesco Advisers, Inc.	Acquired on market	306468.51 AUD	47383 Common Stock	47,383
31-Dec-2020	Invesco Advisers, Inc.	Acquired on market	918.44 AUD	142 Common Stock	142
4-Jan-2021	Invesco Advisers, Inc.	Acquired on market	250250.86 AUD	38229 Common Stock	38,229
4-Jan-2021	Invesco Advisers, Inc.	Acquired on market	752.80 AUD	115 Common Stock	115
5-Jan-2021	Invesco Advisers, Inc.	Acquired on market	1119870.55	171428 Common Stock	171,428
	invesco Auvisers, inc.	Acquired on market	AUD		171,420
5-Jan-2021	Invesco Advisers, Inc.	Acquired on market	3175391.25	486650 Common Stock	486,650
5-Jan-2021	Invesco Advisers, Inc.	Acquired on market	AUD 9533.03 AUD	1461 Common Stock	1,461
5-Jan-2021	Invesco Advisers, Inc.	Acquired on market	3364.29 AUD	515 Common Stock	515
6-Jan-2021	Invesco Advisers, Inc.	Acquired on market	780529.10 AUD	121383 Common Stock	121,383
6-Jan-2021	Invesco Advisers, Inc.	Acquired on market	2347.06 AUD	365 Common Stock	365
7-Jan-2021	Invesco Advisers, Inc.	Acquired on market	497269.67 AUD	78728 Common Stock	78,728
7-Jan-2021	Invesco Advisers, Inc.	Acquired on market	1490.65 AUD	236 Common Stock	236
21-Jan-2021	Invesco Australia Ltd	Disposed on market	37138.97 AUD	5827 Common Stock	5,827
11-Mar-2021	Invesco Australia Ltd	Disposed on market	32460.26 AUD	5254 Common Stock	5,254
19-Mar-2021	Invesco Australia Ltd	Acquired on market	735.55 AUD	118 Common Stock	118
15-Apr-2021	Invesco Australia Ltd	Disposed on market	868.14 AUD	118 Common Stock	118
11-May-2021	Invesco Advisers, Inc.	Disposed on market	193445.60 AUD	28296 Common Stock	28,296
12-May-2021	Invesco Advisers. Inc.	Disposed on market	167703.07 AUD	25337 Common Stock	25,337
13-May-2021	Invesco Advisers, Inc.	Disposed on market	244771.38 AUD	37104 Common Stock	37,104
14-May-2021	Invesco Advisers, Inc.	Disposed on market	196854.00 AUD	30000 Common Stock	30,000
17-May-2021	Invesco Advisers, Inc.	Disposed on market	3853252.45	586046 Common Stock	586,046
-			AUD		
18-May-2021	Invesco Advisers, Inc.	Disposed on market	207417.60 AUD	32000 Common Stock	32,000
19-May-2021	Invesco Advisers, Inc.	Disposed on market	343906.57 AUD	53168 Common Stock	53,168
20-May-2021	Invesco Advisers, Inc.	Disposed on market	98610.55 AUD	14832 Common Stock	14,832
21-May-2021	Invesco Advisers, Inc.	Disposed on market	5294032.71AUD	777391 Common Stock	777,391
4-Jun-2021	Invesco Advisers, Inc.	Disposed on market	2141.07 AUD	321 Common Stock	321
8-Jul-2021	Invesco Advisers, Inc.	Disposed on market	28623.84 AUD	3651 Common Stock	3,651
29-Jul-2021	Invesco Advisers, Inc.	Disposed on market	6270.68 AUD	778 Common Stock	778
24-Aug-2021	Invesco Advisers, Inc.	Disposed on market	9660.00 AUD	1050 Common Stock	1,050
26-Aug-2021	Invesco Advisers, Inc.	Disposed on market	1400325.17 AUD	151055 Common Stock	151,055
26-Aug-2021	Invesco Advisers, Inc.	Disposed on market	1575.95 AUD	170 Common Stock	170
27-Aug-2021	Invesco Advisers, Inc.	Disposed on market	925343.18 AUD	99887 Common Stock	99,887
27-Aug-2021	Invesco Advisers, Inc.	Disposed on market	1046.82 AUD	113 Common Stock	113
30-Aug-2021	Invesco Advisers, Inc.	Disposed on market	923595.16 AUD	99887 Common Stock	99,887
30-Aug-2021	Invesco Advisers, Inc.	Disposed on market	1044.84 AUD	113 Common Stock	113
31-Aug-2021	Invesco Advisers, Inc.	Disposed on market	1144497.94	121864 Common Stock	121,864

		AUD			
137	137 Common Stock	1286.65 AUD	Disposed on market	Invesco Advisers, Inc.	31-Aug-2021
18,870	18870 Common Stock	174075.75 AUD	Disposed on market	Invesco Advisers, Inc.	1-Sep-2021
56,853	56853 Common Stock	524463.24 AUD	Disposed on market	Invesco Advisers, Inc.	1-Sep-2021
21	21 Common Stock	193.73 AUD	Disposed on market	Invesco Advisers, Inc.	1-Sep-2021
64	64 Common Stock	590.39 AUD	Disposed on market	Invesco Advisers, Inc.	1-Sep-2021
46,082	46082 Common Stock	427687.04 AUD	Disposed on market	Invesco Advisers, Inc.	2-Sep-2021
52	52 Common Stock	482.61 AUD	Disposed on market	Invesco Advisers, Inc.	2-Sep-2021
129,158	129158 Common Stock	1200032.81 AUD	Disposed on market	Invesco Advisers, Inc.	3-Sep-2021
329	329 Common Stock	3056.80 AUD	Disposed on market	Invesco Advisers, Inc.	3-Sep-2021
59,209	59209 Common Stock	552112.08 AUD	Disposed on market	Invesco Advisers, Inc.	6-Sep-2021
151	151 Common Stock	1408.04 AUD	Disposed on market	Invesco Advisers, Inc.	6-Sep-2021
119,695	119695 Common Stock	1121518.21 AUD	Disposed on market	Invesco Advisers, Inc.	7-Sep-2021
305	305 Common Stock	2857.79 AUD	Disposed on market	Invesco Advisers, Inc.	7-Sep-2021
1,565	1565 Common Stock	14679.70 AUD	Disposed on market	Invesco Advisers, Inc.	7-Sep-2021
76,369	76369 Common Stock	713233.00 AUD	Disposed on market	Invesco Advisers, Inc.	8-Sep-2021
194	194 Common Stock	1811.82 AUD	Disposed on market	Invesco Advisers, Inc.	8-Sep-2021
31,919	31919 Common Stock	295123.07 AUD	Disposed on market	Invesco Advisers, Inc.	9-Sep-2021
81	81 Common Stock	748.93 AUD	Disposed on market	Invesco Advisers, Inc.	9-Sep-2021
1,025	1025 Common Stock	9450.50 AUD	Disposed on market	Invesco Advisers, Inc.	9-Sep-2021
53,018	53018 Common Stock	490236.24 AUD	Disposed on market	Invesco Advisers, Inc.	10-Sep-2021
135	135 Common Stock	1248.29 AUD	Disposed on market	Invesco Advisers, Inc.	10-Sep-2021
8,547	8547 Common Stock	80854.62 AUD	Disposed on market	Invesco Advisers, Inc.	17-Sep-2021
5,268	5268 Common Stock	47095.92 AUD	Acquired on market	Invesco Advisers, Inc.	8-Oct-2021
34,857	34857 Common Stock	311408.95 AUD	Acquired on market	Invesco Advisers, Inc.	15-Nov-2021
143	143 Common Stock	1277.55 AUD	Acquired on market	Invesco Advisers, Inc.	15-Nov-2021
149,385	149385 Common Stock	1328361.30 AUD	Acquired on market	Invesco Advisers, Inc.	16-Nov-2021
615	615 Common Stock	5468.70 AUD	Acquired on market	Invesco Advisers, Inc.	16-Nov-2021
26,368	26368 Common Stock	239323.88 AUD	Acquired on market	Invesco Advisers, Inc.	17-Nov-2021
108	108 Common Stock	980.24 AUD	Acquired on market	Invesco Advisers, Inc.	17-Nov-2021
49,795	49795 Common Stock	457272.46 AUD	Acquired on market	Invesco Advisers, Inc.	18-Nov-2021
205	205 Common Stock	1882.54 AUD	Acquired on market	Invesco Advisers, Inc.	18-Nov-2021
25,395	25395 Common Stock	235884.00 AUD	Acquired on market	Invesco Advisers, Inc.	19-Nov-2021
10,468	10468 Common Stock	96034.48 AUD	Acquired on market	Invesco Advisers, Inc.	19-Nov-2021
105	105 Common Stock	975.30 AUD	Acquired on market	Invesco Advisers, Inc.	19-Nov-2021
43	43 Common Stock	394.49 AUD	Acquired on market	Invesco Advisers, Inc.	19-Nov-2021
209,140	209140 Common Stock	1955333.52 AUD	Acquired on market	Invesco Advisers, Inc.	22-Nov-2021
860	860 Common Stock	8040.48 AUD	Acquired on market	Invesco Advisers, Inc.	22-Nov-2021
30,873	30873 Common Stock	285797.54 AUD	Acquired on market	Invesco Advisers, Inc.	23-Nov-2021
127	127 Common Stock	1175.66 AUD	Acquired on market	Invesco Advisers, Inc.	23-Nov-2021
145,767	145767 Common Stock	1351260.09 AUD	Acquired on market	Invesco Advisers, Inc.	23-Nov-2021
56,287	56287 Common Stock	521780.49 AUD	Acquired on market	Invesco Advisers, Inc.	23-Nov-2021
63,032	63032 Common Stock	574372.80 AUD	Acquired on market	Invesco Advisers, Inc.	24-Nov-2021
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259	259 Common Stock	2360.11 AUD	Acquired on market	Invesco Advisers, Inc.	24-Nov-2021
259 326	259 Common Stock 326 Common Stock	2360.11 AUD 2865.54 AUD	Acquired on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc.	24-Nov-2021 29-Nov-2021
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326	326 Common Stock	2865.54 AUD	Disposed on market	Invesco Advisers, Inc.	29-Nov-2021
326 3,488	326 Common Stock 3488 Common Stock	2865.54 AUD 31392.00 AUD	Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021
326 3,488 54,350	326 Common Stock 3488 Common Stock 54350 Common Stock	2865.54 AUD 31392.00 AUD 473084.14 AUD	Disposed on market Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021 1-Dec-2021
326 3,488 54,350 142	326 Common Stock 3488 Common Stock 54350 Common Stock 142 Common Stock	2865.54 AUD 31392.00 AUD 473084.14 AUD 1236.02 AUD	Disposed on market Disposed on market Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021 1-Dec-2021 1-Dec-2021
326 3,488 54,350 142 55,195	326 Common Stock3488 Common Stock54350 Common Stock142 Common Stock55195 Common Stock	2865.54 AUD 31392.00 AUD 473084.14 AUD 1236.02 AUD 474478.30 AUD	Disposed on market Disposed on market Disposed on market Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021 1-Dec-2021 1-Dec-2021 2-Dec-2021
326 3,488 54,350 142 55,195 144	326 Common Stock3488 Common Stock54350 Common Stock142 Common Stock55195 Common Stock144 Common Stock	2865.54 AUD 31392.00 AUD 473084.14 AUD 1236.02 AUD 474478.30 AUD 1237.88 AUD	Disposed on market Disposed on market Disposed on market Disposed on market Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021 1-Dec-2021 1-Dec-2021 2-Dec-2021 2-Dec-2021
326 3,488 54,350 142 55,195 144 192	326 Common Stock3488 Common Stock54350 Common Stock142 Common Stock55195 Common Stock144 Common Stock192 Common Stock	2865.54 AUD 31392.00 AUD 473084.14 AUD 1236.02 AUD 474478.30 AUD 1237.88 AUD 1632.27 AUD	Disposed on market Disposed on market Disposed on market Disposed on market Disposed on market Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021 1-Dec-2021 2-Dec-2021 2-Dec-2021 3-Dec-2021
326 3,488 54,350 142 55,195 144 192 71,658	326 Common Stock3488 Common Stock54350 Common Stock142 Common Stock55195 Common Stock144 Common Stock192 Common Stock71658 Common Stock	2865.54 AUD 31392.00 AUD 473084.14 AUD 1236.02 AUD 474478.30 AUD 1237.88 AUD 1632.27 AUD 607609.68 AUD	Disposed on market Disposed on market	Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc. Invesco Advisers, Inc.	29-Nov-2021 30-Nov-2021 1-Dec-2021 2-Dec-2021 2-Dec-2021 3-Dec-2021 3-Dec-2021

39,896	39896 Common Stock	339726.41 AUD	Disposed on market	Invesco Advisers, Inc.	6-Dec-2021
73	73 Common Stock	622.59 AUD	Disposed on market	Invesco Advisers, Inc.	6-Dec-2021
104	104 Common Stock	885.59 AUD	Disposed on market	Invesco Advisers, Inc.	6-Dec-2021
11,514	11514 Common Stock	99091.79 AUD	Disposed on market	Invesco Advisers, Inc.	7-Dec-2021
49,870	49870 Common Stock	428931.87 AUD	Disposed on market	Invesco Advisers, Inc.	7-Dec-2021
30	30 Common Stock	258.19 AUD	Disposed on market	Invesco Advisers, Inc.	7-Dec-2021
130	130 Common Stock	1118.13 AUD	Disposed on market	Invesco Advisers, Inc.	7-Dec-2021
59,844	59844 Common Stock	525274.73 AUD	Disposed on market	Invesco Advisers, Inc.	8-Dec-2021
156	156 Common Stock	1369.27 AUD	Disposed on market	Invesco Advisers, Inc.	8-Dec-2021
42,155	42155 Common Stock	368514.79 AUD	Disposed on market	Invesco Advisers, Inc.	9-Dec-2021
110	110 Common Stock	961.61 AUD	Disposed on market	Invesco Advisers, Inc.	9-Dec-2021
29,476	29476 Common Stock	257281.27 AUD	Disposed on market	Invesco Advisers, Inc.	10-Dec-2021
77	77 Common Stock	672.09 AUD	Disposed on market	Invesco Advisers, Inc.	10-Dec-2021
42,065	42065 Common Stock	366600.68 AUD	Disposed on market	Invesco Advisers, Inc.	13-Dec-2021
110	110 Common Stock	958.66 AUD	Disposed on market	Invesco Advisers, Inc.	13-Dec-2021
38,442	38442 Common Stock	338043.57 AUD	Disposed on market	Invesco Advisers, Inc.	14-Dec-2021
100	100 Common Stock	879.36 AUD	Disposed on market	Invesco Advisers, Inc.	14-Dec-2021
67	67 Common Stock	570.84 AUD	Disposed on market	Invesco Advisers, Inc.	17-Dec-2021
542	542 Common Stock	4429.77 AUD	Disposed on market	Invesco Advisers, Inc.	21-Jan-2022
			•	,	
37,646	37646 Common Stock 2673 Common Stock	310203.04 AUD	Disposed on market	Invesco Advisers, Inc.	28-Jan-2022 28-Jan-2022
2,673		22025.52 AUD	Disposed on market	Invesco Advisers, Inc.	
7,856	7856 Common Stock	64733.44 AUD	Disposed on market	Invesco Advisers, Inc.	28-Jan-2022
13,157	13157 Common Stock	110370.13 AUD	Acquired on market	Invesco Advisers, Inc.	9-Feb-2022
473	473 Common Stock	3967.90 AUD	Acquired on market	Invesco Advisers, Inc.	9-Feb-2022
1,114	1114 Common Stock	9345.12 AUD	Acquired on market	Invesco Advisers, Inc.	9-Feb-2022
2,387	2387 Common Stock	19724.02 AUD	Acquired on market	Invesco Advisers, Inc.	16-Feb-2022
89	89 Common Stock	735.42 AUD	Acquired on market	Invesco Advisers, Inc.	16-Feb-2022
256	256 Common Stock	2115.35 AUD	Acquired on market	Invesco Advisers, Inc.	16-Feb-2022
70,958	70958 Common Stock	585914.40 AUD	Disposed on market	Invesco Advisers, Inc.	16-Feb-2022
70,000	70000 Common Stock	632331.00 AUD	Disposed on market	Invesco Advisers, Inc.	17-Feb-2022
482,087	482087 Common Stock	4343169.99 AUD	Disposed on market	Invesco Advisers, Inc.	17-Feb-2022
19,470	19470 Common Stock	166065.47 AUD	Acquired on market	Invesco Advisers, Inc.	2-Mar-2022
238	238 Common Stock	2030.14 AUD	Disposed on market	Invesco Advisers, Inc.	2-Mar-2022
5,012	5012 Common Stock	41148.52 AUD	Disposed on market	Invesco Advisers, Inc.	18-Mar-2022
252	252 Common Stock	2068.92 AUD	Disposed on market	Invesco Advisers, Inc.	18-Mar-2022
411	411 Common Stock	3374.31 AUD	Disposed on market	Invesco Advisers, Inc.	18-Mar-2022
23,744	23744 Common Stock	194938.24 AUD	Acquired on market	Invesco Capital Management LLC	18-Mar-2022
5,232	5232 Common Stock	41699.04 AUD	Acquired on market	Invesco Advisers, Inc.	31-Mar-2022
774	774 Common Stock	5967.54 AUD	Disposed on market	Invesco Advisers, Inc.	11-Apr-2022
390	390 Common Stock	2824.50 AUD	Acquired on market	Invesco Capital Management LLC	27-Apr-2022
127,442	127442 Common Stock	945046.15 AUD	Disposed on market	Invesco Advisers, Inc.	3-May-2022
72,154	72154 Common Stock	524588.44 AUD	Disposed on market	Invesco Advisers, Inc.	4-May-2022
130,000	130000 Common Stock	958126.00 AUD	Disposed on market	Invesco Advisers, Inc.	5-May-2022
323,755	323755 Common Stock	2352112.45	Disposed on market	Invesco Advisers, Inc.	6-May-2022
20,238	20238 Common Stock	AUD 147156.57 AUD	Disposed on market	Invesco Advisers, Inc.	6-May-2022
240,660	240660 Common Stock	1900684.55	Disposed on market	Invesco Advisers, Inc.	12-May-2022
954	954 Common Stock	AUD 7534.50 AUD	Disposed on market	Invesco Advisers, Inc.	12-May-2022
141,439	141439 Common Stock	1115911.28 AUD	Disposed on market	Invesco Advisers, Inc.	13-May-2022
12,463	12463 Common Stock	99712.72 AUD	Disposed on market	Invesco Advisers, Inc.	13-May-2022
49	49 Common Stock	392.03 AUD	Disposed on market	Invesco Advisers, Inc.	13-May-2022
561	561 Common Stock	4426.12 AUD	Disposed on market	Invesco Advisers, Inc.	13-May-2022
790	790 Common Stock	6241.00 AUD	Disposed on market	Invesco Capital Management LLC	13-May-2022
	00110 Common Stools	694062.72 AUD	Disposed on market	Invesco Advisers, Inc.	16-May-2022
86,112	86112 Common Stock	001002027002		,	

17-May-2022	Invesco Advisers, Inc.	Disposed on market	449030.50 AUD	56920 Common Stock	56,920
17-May-2022	Invesco Advisers, Inc.	Disposed on market	1774.98 AUD	225 Common Stock	225
26-May-2022	Invesco Capital Management LLC	Acquired on market	1215.24 AUD	156 Common Stock	156
27-May-2022	Invesco Capital Management LLC	Acquired on market	1824.76 AUD	234 Common Stock	234
15-Jun-2022	P Invesco Capital Management LLC	Acquired on market	9450.80 AUD	1264 Common Stock	1,264
17-Jun-2022	2 Invesco Advisers, Inc.	Acquired on market	1381.88 AUD	193 Common Stock	193
21-Jun-2022	P Invesco Capital Management LLC	Acquired on market	8269.80 AUD	1155 Common Stock	1,155
28-Jun-2022	Invesco Advisers, Inc.	Disposed on market	17395.56 AUD	2124 Common Stock	2,124
1-Jul-2022	Invesco Advisers, Inc.	Disposed on market	41961.12 AUD	5136 Common Stock	5,136
4-Jul-2022	2 Invesco Advisers, Inc.	Disposed on market	44922.64 AUD	5432 Common Stock	5,432
5-Jul-2022	2 Invesco Advisers, Inc.	Disposed on market	21805.73 AUD	2669 Common Stock	2,669
8-Jul-2022	Invesco Advisers, Inc.	Acquired on market	4860.36 AUD	587 Common Stock	587
11-Jul-2022	Invesco Advisers, Inc.	Disposed on market	164532.90 AUD	20004 Common Stock	20,004
12-Jul-2022	Invesco Advisers, Inc.	Disposed on market	281467.54 AUD	34121 Common Stock	34,121
13-Jul-2022	Invesco Advisers, Inc.	Disposed on market	575568.00 AUD	70000 Common Stock	70,000
14-Jul-2022	Invesco Advisers, Inc.	Disposed on market	988584.00 AUD	120000 Common Stock	120,000
15-Jul-2022	Invesco Advisers, Inc.	Disposed on market	17808.17 AUD	2168 Common Stock	2,168
18-Jul-2022	2 Invesco Advisers, Inc.	Disposed on market	1068102.10 AUD	130250 Common Stock	130,250
18-Jul-2022	2 Invesco Capital Management LLC	Disposed on market	4481.46 AUD	546 Common Stock	546
19-Jul-2022	,,	Disposed on market	1332334.83 AUD	162905 Common Stock	162,905
27-Jul-2022	Invesco Advisers, Inc.	Acquired on market	17367.19 AUD	2109 Common Stock	2,109
1-Sep-2022	· · · · · ·	Disposed on market	14739.20 AUD	1568 Common Stock	1,568
7-Sep-2022		Disposed on market	162741.13 AUD	17757 Common Stock	17,757
15-Sep-2022		Acquired on market	22364.98 AUD	2393 Common Stock	2,393
16-Sep-2022		Disposed on market	43614.18 AUD	4751 Common Stock	4,751
16-Sep-2022		Disposed on market	1762.56 AUD	192 Common Stock	192
16-Sep-2022	Invesco Advisers, Inc.	Disposed on market	5067.36 AUD	552 Common Stock	552
28-Sep-2022	P Invesco Capital Management LLC	Acquired on market	4322.88 AUD	474 Common Stock	474
5-Oct-2022	Invesco Advisers, Inc.	Acquired on market	74666.20 AUD	7619 Common Stock	7,619

This is Annexure "A" referred to in the Form 604 "Notice of change of interests of substantial holder"

Signature

Invesco Ltd.

print name Nick Burrell capacity **Company Secretary** date 11-Oct-2022 sign here Mm

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