

# SECURITIES AND EXCHANGE COMMISSION

## FORM S-8

Initial registration statement for securities to be offered to employees pursuant to employee benefit plans

Filing Date: **2025-03-05**  
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### FILER

#### **Inspira Technologies OXY B.H.N. Ltd**

CIK: [1837493](#) | IRS No.: [000000000](#) | State of Incorp.: [L3](#) | Fiscal Year End: [1231](#)

Type: **S-8** | Act: **33** | File No.: [333-285565](#) | Film No.: [25710916](#)

SIC: [3841](#) Surgical & medical instruments & apparatus

Mailing Address

*HATIDHAR 2  
11TH FLOOR  
RA'ANANA L3 4366504*

Business Address

*HATIDHAR 2  
11TH FLOOR  
RA'ANANA L3 4366504  
972-9-9664488*

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549  
FORM S-8  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

INSPIRA TECHNOLOGIES OXY B.H.N. LTD.  
(Exact name of registrant as specified in its charter)

<b>State of Israel</b>	<b>Not applicable</b>
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)
<b>2 Ha-Tidhar St., Ra'anana, 4366504 Israel</b>	
(Address of Principal Executive Offices)	
<b>Inspira Technologies OXY B.H.N. LTD.</b> <b>Amended and Restated 2019 Equity Incentive Plan</b>	
(Full title of the plan)	
<b>Puglisi &amp; Associates</b> <b>850 Library Ave., Suite 204, Newark, DE 19711</b> <b>Tel: (302) 738-6680</b>	
(Name, Address and Telephone Number of Agent for Service)	

Copies to:

Oded Har-Even, Esq.  
Ron Ben-Bassat, Esq.  
Sullivan & Worcester LLP  
1251 Avenue of the Americas  
New York, NY 10020  
Tel: (212)-660-3000

Adv. Reut Alfiah  
Adv. Gal Cohen  
Sullivan & Worcester Tel-Aviv (Har-Even & Co.)  
28 HaArba'a St. HaArba'a Towers  
North Tower, 35th floor  
Tel-Aviv, Israel 6473925  
Tel: +972 74-758-0480

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer   
Non-accelerated filer

Accelerated filer   
Smaller reporting company   
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

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## EXPLANATORY NOTE

On August 5, 2021, Inspira Technologies Oxy B.H.N. Ltd., or the Registrant or the Company, filed a Registration Statement on Form S-8 (File No. 333-259057), or the Original Registration Statement, with the Securities and Exchange Commission, or the SEC, to register an aggregate of 4,180,898 ordinary shares, no par value per share, of the Company, or the Ordinary Shares, that may be issued pursuant to the Company's 2019 Equity Incentive Plan, or the 2019 Plan. On March 15, 2024, the Company filed an additional Registration Statement on Form S-8 (File No. 333-277980) with the SEC to register an additional 2,997,671 Ordinary Shares that may be issued pursuant to the 2019 Plan.

The 2019 Plan was originally adopted by the board of directors of the Company in November 2019, amended in September 2021, and further amended and restated in March 2025, or the Amended and Restated 2019 Plan.

The Company is filing this Registration Statement on Form S-8, or this Registration Statement, to register an additional 3,000,000 Ordinary Shares reserved for issuance in connection with securities awards which may hereafter be granted under the Amended and Restated 2019 Plan.

Pursuant to General Instruction E to Form S-8, the contents of the Original Registration Statement are incorporated herein by reference, except for Items 3 and 8 of Part II of the Original Registration Statement, which are being updated by this Registration Statement.

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## PART I

### INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The information specified in Item 1 and Item 2 of Part I of Form S-8 is omitted from this Registration Statement. The documents containing the information specified in Part I of Form S-8 will be delivered to the participants in the Plan covered by this Registration Statement as specified by Rule 428(b)(1) under the Securities Act of 1933, as amended, or the Securities Act.

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## PART II

### ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE

The following documents filed by the Company with the SEC are incorporated by reference into this Registration Statement:

(a) Our Annual Report on [Form 20-F](#) for the fiscal year ended December 31, 2023, filed with the SEC on March 25, 2024;

(b) Our Reports on Form 6-K furnished on [March 25, 2024](#) (with respect to the first paragraph, the section titled "Full Year 2023 Financial Results" and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [April 1, 2024](#), [April 3, 2024](#) (with respect to the first two paragraphs and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [April 9, 2024](#), [April 10, 2024](#) (with respect to the first five paragraphs and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [April 17, 2024](#) (with respect to the first four paragraphs and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [April 25, 2024](#) (with respect to the first three paragraphs and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [May 2, 2024](#), [May 28, 2024](#) (with respect to the first paragraph and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [June 13, 2024](#) (with respect to the first, second and fourth paragraphs and the section titled "Forward-Looking Statements" in the press release attached as Exhibit 99.1), [June 17, 2024](#), [June 18, 2024](#), [June 20, 2024](#), [July 11, 2024](#) (with respect to the first paragraph

and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [July 30, 2024](#) (with respect to the first, third, fourth, fifth and sixth paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [August 13, 2024](#) (with respect to the first two paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [August 15, 2024](#), [August 22, 2024](#) (with respect to the first two paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [August 28, 2024](#) (with respect to the first paragraph and the sections titled “Future Plans,” “Inspira™ business overview,” and “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [September 13, 2024](#) (with respect to the first two paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [October 9, 2024](#) (with respect to the first three paragraphs and the section titled “Forward-Looking Statements”), [October 24, 2024](#) (with respect to the first three paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [November 12, 2024](#), [November 25, 2024](#), [December 4, 2024](#) (with respect to the first two paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [December 10, 2024](#) (with respect to the first three paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [December 16, 2024](#) (with respect to the first three paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [December 27, 2024](#), [December 30, 2024](#), [January 7, 2025](#) (with respect to the first four paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), and [January 10, 2025](#) (with respect to the first three paragraphs, fifth paragraph and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [January 14, 2025](#) (with respect to the first four paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [January 17, 2025](#), [January 21, 2025](#), [January 27, 2025](#) (with respect to the first, second, third and fifth paragraphs and the section titled “Forward-Looking Statements” in the press release attached as Exhibit 99.1), [February 5, 2025](#) (with respect to the first, second, third and fifth paragraphs and the section titled “Forward-Looking Statements”), [February 11, 2025](#) (with respect to the first, second, fourth and fifth paragraphs and the section titled “Forward-Looking Statements”) and [March 4, 2025](#) (with respect to the first, second, fourth and fifth paragraphs and the section titled “Forward-Looking Statements”); and

(c) The description of our securities contained in [Exhibit 2.1](#) to our Annual Report on [Form 20-F](#) for the fiscal year ended December 31, 2023, filed with the SEC on March 25, 2024, including any amendments or reports filed for the purpose of updating such description.

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In addition to the foregoing, all documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act and all reports on Form 6-K subsequently filed by the Registrant which state that they are incorporated by reference herein, prior to the filing of a post-effective amendment which indicates that all securities offered hereunder have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be part hereof from the date of filing of such documents and reports.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement herein, or in any subsequently filed document which also is or is deemed to be incorporated by reference, modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 8. Exhibits.**

4.1	<a href="#">Amended and Restated Articles of Association of Inspira Technologies Oxy B.H.N. Ltd. (incorporated by reference to Exhibit 99.1 to the Company’s Report on Form 6-K (File No. 001-40303) filed on December 20, 2021).</a>
5.1*	<a href="#">Opinion of Sullivan &amp; Worcester Tel Aviv (Har-Even &amp; Co.)</a>
23.1*	<a href="#">Consent of Ziv Haft, member firm of BDO, independent registered public accounting firm.</a>
23.2*	<a href="#">Consent of Sullivan &amp; Worcester Tel Aviv (Har-Even &amp; Co.) (included in the opinion filed as Exhibit 5.1 to this Registration Statement)</a>
24.1*	<a href="#">Power of Attorney (included on signature page)</a>
99.1*	<a href="#">Amended and Restated Inspira Technologies Oxy B.H.N. Ltd. 2019 Equity Incentive Plan</a>

\* Filed herewith.

### SIGNATURES

Pursuant to the requirements of the Securities Act, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement on Form S-8 to be signed on its behalf by the undersigned, thereunto duly authorized, in Ra'anana, Israel, on March 5, 2025.

### INSPIRA TECHNOLOGIES OXY B.H.N. LTD.

By: /s/ Dagi Ben-Noon

Name: Dagi Ben-Noon

Title: Chief Executive Officer

### POWER OF ATTORNEY AND SIGNATURES

We, the undersigned officers and directors of Inspira Technologies Oxy B.H.N. Ltd., hereby severally constitute and appoint Dagi Ben-Noon and Joe Hayon, and each of them individually, our true and lawful attorney to sign for us and in our names in the capacities indicated below any and all amendments or supplements, including any post-effective amendments, to this Registration Statement on Form S-8 and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming our signatures to said amendments to this Registration Statement signed by our said attorney and all else that said attorney may lawfully do and cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Registration Statement on Form S-8 has been signed below by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
<u>/s/ Dagi Ben-Noon</u> Dagi Ben-Noon	Chief Executive Officer and Director (Principal Executive Officer)	March 5, 2025
<u>/s/ Yafit Tehila</u> Yafit Tehila	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	March 5, 2025
<u>/s/ Joe Hayon</u> Joe Hayon	President and Director	March 5, 2025
<u>/s/ Tal Parnes</u> Tal Parnes	Chairman of the Board of Directors	March 5, 2025
<u>/s/ Lior Amit</u> Lior Amit	Director	March 5, 2025
<u>/s/ Limor Rozen</u> Limor Rozen	Director	March 5, 2025

## **SIGNATURE OF AUTHORIZED REPRESENTATIVE IN THE UNITED STATES**

Pursuant to the Securities Act, the undersigned, Puglisi & Associates, the duly authorized representative in the United States of Inspira Technologies Oxy B.H.N. Ltd., has signed this Registration Statement on Form S-8 on March 5, 2025.

Puglisi & Associates

Authorized U.S. Representative

/s/ Donald J. Puglisi

Name: Donald J. Puglisi

Title: Managing Director

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**Sullivan & Worcester Tel Aviv**  
 28 HaArba'a St. HaArba'a Towers  
 North Tower, 35th Floor  
 Tel-Aviv, Israel

+972-747580480  
 sullivanlaw.com

March 5, 2025

To:  
 Inspira Technologies Oxy B.H.N. Ltd.  
 2 Ha-Tidhar St.  
 Ra'anana, 4366504, Israel

Re: **Registration Statement on Form S-8**

Ladies and Gentlemen:

We have acted as Israeli counsel for Inspira Technologies Oxy B.H.N. Ltd., an Israeli company (the “**Company**”), in connection with the Registration Statement on Form S-8 (the “**Registration Statement**”) filed by the Company on the date hereof with the U.S. Securities and Exchange Commission (the “**SEC**”) under the Securities Act of 1933, as amended (the “**Securities Act**”). The Registration Statement relates to the registration of 3,091,000 ordinary shares, no par value, of the Company (the “**Ordinary Shares**”), reserved for issuance in connection with securities awards which may be granted under the Company’s Amended and Restated 2019 Equity Incentive Plan (the “**Plan**”).

In connection herewith, we have examined the originals, or photocopies or copies, certified or otherwise identified to our satisfaction, of: (i) the Registration Statement to which this opinion is attached as an exhibit; (ii) a copy of the amended and restated articles of association of the Company (the “**Articles**”), as currently in effect; (iii) resolutions of the board of directors which relate to the Registration Statement and the Plan; and (iv) such other corporate records, agreements, documents and other instruments, and such certificates or comparable documents of public officials and of officers and representatives of the Company as we have deemed relevant and necessary as a basis for the opinions hereafter set forth. We have also made inquiries of such officers and representatives as we have deemed relevant and necessary as a basis for the opinions hereafter set forth.

In such examination, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified, confirmed as photostatic copies and the authenticity of the originals of such latter documents. As to all questions of fact material to these opinions that have not been independently established, we have relied upon certificates or comparable documents of officers and representatives of the Company. In addition, we have assumed that the Ordinary Shares and any equity awards that provide for the acquisition thereof will be granted in accordance with the Plan and Articles.

We are members of the Israel Bar Association and we express no opinion as to any matter relating to the laws of any jurisdiction other than the laws of the State of Israel and have not, for the purpose of giving this opinion, made any investigation of the laws of any other jurisdiction than the State of Israel.

Based upon and subject to the foregoing, we are of the opinion that the Ordinary Shares issuable under the Plan have been duly authorized and, when and if issued and paid for in accordance with the terms of the Plan, will be validly issued, fully paid and non-assessable.

We consent to the filing of this opinion as an exhibit to the Registration Statement and to the reference to our firm wherever appearing in the Registration Statement in connection with Israeli law. In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act, the rules and regulations of the SEC promulgated thereunder or Item 509 of the SEC’s Regulation S-K under the Securities Act.

Very truly yours,

/s/ Sullivan & Worcester Tel-Aviv (Har-Even & Co.)  
 Sullivan & Worcester Tel-Aviv (Har-Even & Co.)



Consent of Independent Registered Public Accounting Firm

Inspira Technologies Oxy B.H.N. Ltd.  
2 Ha-Tidhar St.  
Rananna 4366504, Israel

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 19, 2024, relating to the financial statements of Inspira Technologies OXY B.H.N. Ltd. appearing in the Company's Annual Report on Form 20-F for the year ended December 31, 2023. Our report contains an explanatory paragraph regarding the Company's ability to continue as a going concern.

/s/ Ziv Haft

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Certified Public Accountants (Isr.)  
BDO Member Firm

Tel Aviv, Israel  
March 5, 2025

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**INSPIRA TECHNOLOGIES OXY B.H.N LTD.**  
**(Formerly Insense Medical Ltd.)**

**2019 EQUITY INCENTIVE PLAN**  
**(amended on March 4, 2025)**

**Purpose:** The purpose of this 2019 Equity Incentive Plan is to provide an additional incentive to Employees, officers, Directors, Consultants and certain other Service Providers of the Company (as defined below) and any Affiliate of the Company (as defined below) to further the growth, development and financial success of the Company by providing them with opportunities to purchase or be issued Shares (as defined below) of the Company pursuant to this 2019 Equity Incentive Plan and to promote the success of the Company's business.

1. **Definitions:** For the purposes of this Plan, the following terms shall have the meaning ascribed thereto below:

**“Additional Rights”** means any distribution of rights, including an issuance of bonus shares and stock dividends (but

- a) excluding cash dividends), in connection with Section 102 Trustee Awards (as defined below) and/or any underlying Shares issued in connection therewith.

**“Affiliate(s)”** means a present or future company that either (i) controls the Company or is controlled by the Company; or (ii)

- b) is controlled by the same person or entity that controls the Company, provided that for the purpose of grants made under Section 102, such company is an “employing company” within the meaning of Section 102(a) of the Tax Ordinance (as defined below).

- c) **“Award”** means an Option, a Restricted Share, or an RSU.

**“Award Agreement”** means a written or electronic agreement between the Company and the Participant evidencing the terms

- d) and conditions restrictions and/or limitations applicable to an individual grant of Award. The Award Agreement is subject to the terms and conditions of the Plan and the Committee's exercise of its administrative powers.

- e) **“Board”** means the Board of Directors of the Company.

**“Cause”** means any of the following: (i) a serious breach of trust, including but not limited to, theft, embezzlement, self-dealing, and/or breach of fiduciary duties; (ii) the Participant (as defined below) has committed any flagrant criminal offense;

- f) (iii) a material breach by the Participant of any agreement between the Participant and the Company and/or any Affiliate, which has not been remedied within thirty (30) days after the Participant has received a written demand for performance from the Committee (as defined below); or (iv) any other circumstance justifying termination or dismissal without severance payment according to Israeli law.

- g) **“Committee”** means a committee of Directors (as defined below) to which the Board may delegate power to act under or pursuant to the provisions of the Plan. Until such delegation (if any), the Committee will consist of the entire Board.

- h) **“Company”** means Inspira Technologies OXY B.H.N Ltd., a company incorporated under the laws of the State of Israel.

- i) **“Companies Law”** means the Israeli Companies Law 5759-1999, as amended.

- j) **“Consultant”** means any person or entity that is engaged by the Company or any Affiliate of the Company to render consulting or advisory services to such entity.

- k) **“Controlling Shareholder”** has the meaning ascribed to it in Section 32(i) of the Tax Ordinance.

l) **“Corporate Transaction”** means the consummation of any of the following transactions or series of related transactions to which the Company is a party:

- i) A merger, acquisition, reorganization or consolidation in which the Company is not the surviving entity (or survives only as a subsidiary of another entity whose shareowners did not own all or substantially all of the shares in substantially the same proportions as immediately prior to such transaction), except for a transaction the principal purpose of which is to change the jurisdiction in which the Company is incorporated;
- ii) The sale, transfer, exchange or other disposition of all or substantially all of the shares or assets of the Company (including, intellectual property rights which, in the aggregate, constitute substantially all of the Company’s material assets), in a transaction not covered by the exception to clause (i) above.

m) **“Director”** means a member of the Board of Directors of the Company.

“**Disability**” means a complete and permanent inability, due to illness or injury, to perform the duties of the Participant’s engagement at such time when the disability commenced, as determined by the Committee based on medical evidence acceptable to it.

“**Employee**” means any person, including officers and Directors, employed by the Company or any Affiliate of the Company. A person employed by the Company or any Affiliate of the Company shall not cease to be an Employee for the purposes of the Plan in the case of (i) any leave of absence approved by the Company, or (ii) transfer between locations of the Company, or

o) (iii) transfer of employment between the Company and any Affiliate or any successor thereto. With regard to Section 102 Trustee Awards and Section 102 Non-Trustee Awards (as defined below), “Employee” includes Directors and office holders (“*Nosei Misra*” as such term is defined in the Israeli Companies Law), and excludes any person who is a Controlling Shareholder prior to and/or after the issuance of the Shares underlying the Awards.

p) **“Exercise Price”** means the price per Share determined by the Committee in accordance with Section 11 below, which is to be paid to the Company in order to exercise an Option and purchase the Share(s) covered thereby.

q) **“Expiration Date”** of an Award means the earlier of: (i) the lapse of ten (10) years from the date such Award was granted; or (ii) the expiration date set forth in the Award Agreement.

r) **“Fair Market Value”** means, as of any date, the value of a Share determined as follows:

- If the Shares are admitted to trading on any established stock exchange or a national market system, including without limitation the Nasdaq Stock Market, the Fair Market Value shall be the closing sale price of a Share on the principal exchange on which Shares are then trading (or as reported on any composite index which includes such principal exchange), on the trading day immediately preceding such date, or if Shares were not traded on such date, then on the next preceding date of which a trade occurred, as reported in *The Wall Street Journal* or such other source as the Committee deems reliable;
- If the Shares are not traded on an exchange, but are admitted to quotation on the Nasdaq or other comparable quotation system, the Fair Market Value shall be the mean between closing representative bid and asked prices for the Shares on the trading day immediately preceding such date or, if no bid and ask prices were reported on such date, then on the last date preceding such date on which both bid and ask prices were reported, all as reported by Nasdaq or such other comparable quotation system; or
- If the Shares are not publicly traded on an exchange and not quoted on Nasdaq or a comparable quotation system, the Fair Market Value shall be determined in good faith by the Committee.

Without derogating from the foregoing and solely for the purpose of determining the tax liability, in the case of Capital

iv) Gain Option Through a Trustee (as defined below), the Fair Market Value of a Share at grant shall be determined in accordance with the provisions of Section 102(b)(3) of the Tax Ordinance as further detailed in Section 19(b) below.

“**IPO**” means an initial underwritten public offering of the Shares of the Company pursuant to an effective registration statement under the United States Securities Act of 1933, as amended or the Israeli Securities Law, 5728-1968, as amended or equivalent law of another jurisdiction.

“**Lock-up Period**” means the period during which the Section 102 Trustee Awards granted to a Participant or the underlying Shares as well as any Additional Rights distributed in connection therewith are to be held by the Trustee (as defined below) on behalf of the Participant, in accordance with Section 102 (as defined below) and pursuant to the tax route which the Company elects.

u) “**Notice of Exercise**” has the meaning ascribed to it in Section 12(d) below.

“**Option(s)**” means a right to purchase Shares granted under Section 8 below in accordance with the provisions of the Award

v) Agreement, and subject to the terms specified in the Plan, whether Section 102 Trustee Award, Section 102 Non-Trustee Award, Section 3(i) Award or option issued under other tax regimes.

w) “**Participant(s)**” means any Service Provider to whom an Award has been granted under the Plan.

x) “**Plan**” means this 2019 Equity Incentive Plan, as amended from time to time.

y) “**Proxy Holder**” means a member of the Board or any other person designated by the Board to act as proxy holder.

“**Restricted Share**” means the grant of Shares as described in Section 13 below, in accordance with the provisions of the

z) Award Agreement, and subject to the terms specified in the Plan, whether Section 102 Trustee Award, Section 102 Non-Trustee Award, Section 3(i) Award or option issued under other tax regimes.

aa) “**Restricted Share Units**” or “**RSU**” means, subject to the provisions of Section 13 below, the grant of Award covering a number of Restricted Shares that is settled, or cash, if vested and (if applicable) exercised, by issuance of those Shares.

bb) “**Section 3(i)**” means that certain Section 3(i) of the Tax Ordinance, and any regulations, rules, orders or procedures promulgated thereunder, all as amended.

cc) “**Section 3(i) Award**” means an Award granted pursuant to Section 3(i).

“**Section 102**” means that certain Section 102 of the Tax Ordinance, and any regulations, rules, orders or procedures

dd) promulgated thereunder, including the Income Tax Rules (Tax Relief for Issuance of Shares to Employees), 2003, all as amended.

ee) “**Section 102 Trustee Award**” means an Award that by its terms qualifies and is intended to qualify under the provisions of Section 102(b) of the Tax Ordinance (including the Section 102(b) Route Election (as defined below)), as either:

i) “**Ordinary Income Award Through a Trustee**” for the special tax treatment under Section 102(b)(1) and the “Ordinary Income Route”, or

ii) “**Capital Gain Award Through a Trustee**” for the special tax treatment under Section 102(b)(2) and the “Capital Route”.

“**Section 102(b) Route Election**” means the right of the Company to choose either the “Capital Route” (as set under Section 102(b)(2)), or the “Ordinary Income Route” (as set under Section 102(b)(1)), but subject to the provisions of Section 102(g) of the Tax Ordinance, as further specified in Section 6 below.

gg) “**Section 102 Non-Trustee Award**” means an Award that by its terms does not qualify or is not intended to qualify as a Section 102 Trustee Award and is granted not through a trustee under the terms of Section 102(c) of the Tax Ordinance.

- hh) **“Service Provider”** means an Employee, officer, Director or Consultant.
- ii) **“Share(s)”** means an Ordinary Share, nominal value NIS 0.01 of the Company, as adjusted in accordance with Section 15 of the Plan.
- jj) **“Tax Ordinance”** means the Israeli Income Tax Ordinance (New Version), 1961, as amended.
- kk) **“Trust Agreement”** means a written agreement between the Company and the Trustee, which sets forth the terms and conditions of the trust and is in accordance with the provisions of Section 102(b) of the Tax Ordinance.
- ll) **“Trustee”** means a person or an entity, appointed by the Company and approved in accordance with the provisions of Section 102, to hold in trust on behalf of the Participants the Section 102 Trustee Award and any underlying Shares issued in connection therewith, as well as any Additional Rights granted in connection therewith, in accordance with the provisions of Section 102.

**Interpretation:** Unless the context otherwise indicates, words expressed in the singular shall include the plural and vice versa and

- 3. the use of the neuter, masculine, or feminine gender is for convenience only and shall be deemed to mean and include the neuter, masculine or feminine gender, as appropriate.

#### 4. Administration:

- a) The Committee shall have the power to administer the Plan. Notwithstanding the above, the Board shall automatically have a residual authority if no Committee shall be constituted or if such Committee shall cease to operate for any reason whatsoever.

Subject to the terms and conditions of this Plan, and subject to the approval of any relevant authorities and to applicable laws, the Committee shall have full power and authority, at all times, to: (i) select the Service Providers to whom Awards may from time to time be granted hereunder, and to grant the Awards to the said Service Providers; (ii) determine the terms and provisions of the Award Agreements (which need not be identical) including, but not limited to, the type of Award to be granted, the number of Shares to be covered by an Award, the Exercise Price (if applicable), the times or conditions upon which and the extent to which an Award shall be vested and the nature and duration of any restrictions applicable to the Awards or the underlying Shares, including as to transferability or exercise of the same, or the Company’s right of repurchase of the same; (iii) accelerate the right of a Participant to exercise, in whole or in part, any Option, or extend such right; (iv) approve forms of Award Agreement for use under the Plan; (v) make a Section 102(b) Route Election (subject to the limitations set under Section 102(g) of the Tax Ordinance); (vi) interpret and construe the provisions of the Plan and the Award Agreements; (vii) determine the Fair Market Value of the Shares; (viii) adopt sub-plans, Plan addenda and appendices to the Plan as the Committee deems desirable, to accommodate foreign laws, regulations and practice. The provisions of such sub-plans, Plan addenda and appendices to the Plan may take precedence over other provisions of the Plan, but unless otherwise superseded by the terms of such sub-plans, Plan addenda and appendices to the Plan, the provisions of the Plan shall govern their operation; (ix) exercise such powers and perform such acts as are deemed necessary or expedient to promote the best interests of the Company with respect to the Plan, including but not limited to prescribe, amend and rescind any rules and regulations relating to the Plan (including rules and regulations relating to sub-plans, Plan addenda and appendices to the Plan established for the purpose of satisfying applicable foreign laws); and (x) take all other action and determine any other matter which is necessary or desirable for, or incidental to, the administration of the Plan.

- c) The interpretation and construction by the Committee of any provision of the Plan (including sub-plans, Plan addenda and appendices to the Plan), the Award Agreement or of any Award thereunder shall be final and conclusive, unless otherwise determined by the Board.

#### 5. Reserved Shares:

- a) The Company shall reserve from time-to-time, out of its authorized unissued share capital, such number of Shares as the Board deems appropriate. In the event that (i) an Award (or portion thereof) lapses, expires or is otherwise terminated without the issuance of the Shares subject to such Award or is settled by the delivery of consideration other than Shares, (ii) Shares are

tendered to pay the Exercise Price of an Option or other Award or (iii) Shares are withheld from any Award to satisfy a Participant's tax withholding obligations or, if applicable, to pay the Exercise Price of an Option or other Award, such Shares shall again become available for grants or Awards hereunder.

- b) The Shares subject to the Plan may be either authorized but unissued Shares or reacquired Shares, subject to applicable laws.
- c) No fraction of Shares may be issued under the Plan.

The Board may, at any time during the term of the Plan, increase the number of Shares available for grant under the Plan. The approval of the Company's shareholders of such increase shall be obtained if so required under applicable laws and/or the Company's incorporation documents and/or any shareholders agreement, as shall be in effect from time to time.

**Section 102(b) Route Election:** No Section 102 Trustee Awards may be granted under this Plan, unless and until, the Company's election of the type of Section 102 Trustee Awards either as "Ordinary Income Award Through a Trustee" or as "Capital Gain Award Through a Trustee" is appropriately filed with the Israeli Income Tax Authorities. The Section 102(b) Route Election shall obligate the Company to grant *only* the type of Section 102 Trustee Award it has elected, and shall apply to all Participants who

- 6. were granted Section 102 Trustee Awards during the period indicated herein, to the extent required under and in accordance with the provisions of Section 102(g) of the Tax Ordinance and the applicable regulations. For avoidance of doubt, it is clarified that the Company does not obligate itself to file a Section 102(b) Route Election, and in any case, such Section 102(b) Route Election shall be at the sole discretion of the Company. It is further clarified that such Section 102(b) Route Election shall not prevent the Company from granting Section 102 Non-Trustee Awards simultaneously.

#### 7. Eligible Participants:

Subject to the terms and conditions of the Plan and any restriction imposed by applicable laws, Awards may be granted to Service Providers, as selected by the Committee in its sole discretion, *provided however*, that, (i) Section 102 Trustee Awards and Section 102 Non-Trustee Awards may be granted only to Employees of the Company and any Affiliate thereof, and

- a) provided further that, such Affiliate corporation is an "employing company" within the meaning of Section 102(a) of the Tax Ordinance; and (ii) Options may be granted only to (a) Consultants; and/or (b) Employees, Directors and/or officers of the Company or any Affiliate who are Controlling Shareholders prior to and/or after the issuance of the Shares underlying the Options. Notwithstanding Options may be granted under sub-plans, Plan addenda and appendices to the Plan, to accommodate foreign laws, regulations and practice other tax jurisdictions.

- b) Eligibility to participate in the Plan does not confer any right to be granted with Awards under the Plan. Participation in the Plan is voluntary. The grant of an Award to a Participant hereunder, shall neither entitle such Participant to participate, nor disqualify him from participating, in any other grant of Awards pursuant to this Plan or any other share incentive plan of the Company or any Affiliate of the Company.

#### 8. Issuance of Awards:

Awards may be granted at any time after the Plan shall become effective as specified in Section 20 hereof, subject to obtaining all the necessary approvals (if any) from any regulatory body or governmental agency having jurisdiction over the Company and/or any Affiliate and/or any Participant. In the case of Section 102 Trustee Awards, Awards may be granted only after the passage of thirty (30) days (or a shorter period as and if approved by the Israeli Income Tax Authorities) following the delivery

- a) by the Company to the appropriate Israeli Income Tax Authorities of a request for approval of the Plan and the Trustee according to Section 102. Notwithstanding the above, if within ninety (90) days of delivery of the abovementioned request, the tax officer notifies the Company of its decision not to approve the Plan, the Options, which were intended to be granted as a Section 102 Trustee Awards, shall be deemed to be Section 102 Non-Trustee Awards, unless otherwise was approved by the tax officer. The date of grant of each Award shall be the date specified by the Committee at the time such Award is granted and subject to the applicable laws and regulations.
- b) An Award Agreement shall evidence each Award granted pursuant to the Plan. The Award Agreement shall state, *inter alia*, the type of Award, the number of Shares covered thereby, the dates and schedule when the Award may become vested, the Exercise

Price (if applicable) and such other terms and conditions, limitations and restrictions as the Committee in its discretion may prescribe, provided that they are consistent with this Plan and applicable laws.

To the extent permitted by applicable law, an Award Agreement may include a requirement that concurrently with the issuance of any Shares and as a condition precedent to such issuance, the Participant shall sign and deliver to the Company an irrevocable power of attorney and voting proxy in such form as may be prescribed by the Committee. By this proxy, the

- c) Participant's right to vote any acquired Shares shall be assigned to the Proxy Holder, who shall vote such Shares on any issue brought before the shareholders of the Company in accordance with the majority vote of the shareholders of the Company (as voted by the shareholders without taking such acquired Shares in consideration). Such power of attorney and voting proxy shall expire and be of no further force and effect upon the consummation of an IPO.

9. Trustee: In connection with the grant of any Section 102 Trustee Awards, the following shall apply:

Section 102 Trustee Awards which shall be granted under the Plan and any Shares issued thereunder shall be issued to the Trustee who shall hold the same in trust for the benefit of the Participant at least for the Lock-up Period. Upon the conclusion

- a) of the Lock-up Period and subject to any further period included in the Plan and/or in the Award Agreement, the Trustee may release Section 102 Trustee Awards or Shares issued thereunder to Participant only after the Participant's full payment of his tax liability due in connection therewith pursuant to the Tax Ordinance or any applicable tax laws.

Notwithstanding the above, in the event a Participant shall elect to release the Section 102 Trustee Awards and/or the Shares

- b) issued thereunder prior to the conclusion of the Lock-up Period, the sanctions under Section 102 shall apply to and shall be borne solely by the Participant.

Any Additional Rights distributed to the Participant on account of Section 102 Trustee Awards shall be deposited with and/or

- c) issued to the Trustee for the benefit of the Participant, and shall be held by the Trustee for the applicable Lock-up Period in accordance with the provisions of Section 102 and the elected tax route.

- d) The Company, any Affiliate of the Company (if applicable), the Trustee and the Participant shall comply with the Tax Ordinance, Section 102 and the provisions of the Trust Agreement.

Upon receipt of Section 102 Trustee Award, Participant will sign the Award Agreement, which shall be deemed as the

- e) Participant's undertaking to exempt the Trustee from any liability in respect of any action or decision duly taken and *bona fide* executed in relation with the Plan and any Award, Share, Additional Right or other rights received by the Participant in connection therewith.

The Committee shall determine and approve the terms of engagement of the Trustee, and shall be authorized to designate from

- f) time to time a new Trustee and replace either of them at its sole discretion, and in the event of replacement of any existing Trustee, to instruct the transfer of all Awards and Shares held by such Trustee at such time to its successor.

For as long as the Trustee holds Shares in trust for the benefit of the Participant, the Trustee shall not use the voting rights vested in such Shares, and shall not exercise such rights in any way whatsoever. In the event the right to vote such Shares is

- g) held by the Trustee pursuant to Section 102, then upon the exercise of any Section 102 Trustee Award by the Participant, the Trustee shall execute an irrevocable voting proxy in such form as may be prescribed by the Committee in accordance with the provisions of Section 8(c) above and the provisions of Section 102.

10. Options

The Committee may, in its sole discretion, grant Options to Service Providers. Each Option shall be subject to such terms and conditions consistent with the Plan set forth in the applicable Award Agreement and such other terms and conditions consistent with the Plan and the applicable Award Agreement as the Committee may impose from time to time.

11. Option Exercise Price and Consideration:

The Exercise Price shall be determined by the Committee on the date of grant of an Option, on an individual basis, subject to

- a) any guidelines as may be determined by the Board from time to time and any applicable law; provided, however, that the Exercise Price shall be not less than the nominal value of the Shares underlying the Option.

The consideration to be paid for the Shares to be issued upon exercise of an Option, including the method of payment, shall be determined by the Committee subject to applicable laws. Such consideration may consist of, without limitation, (1) cash, or

- b) (2) check or wire transfer, or (3) at the discretion of the Committee, consideration received by the Company under a broker-assisted sale and remittance program acceptable to the Committee, or (4) at the discretion of the Committee, any combination of the foregoing methods of payment.

## 12. Exercise of Options:

Options shall be exercisable pursuant to the terms under which they were awarded and subject to the terms and conditions of

- a) this Plan and the Award Agreement; provided, however, that in no event shall an Option be exercisable after its Expiration Date, as further specified in Section 12(b) below.

Unless the Committee provides otherwise, vesting of Options granted hereunder shall be suspended during any unpaid leave of absence.

Anything herein to the contrary notwithstanding, if any Option, or any part thereof, has not been exercised prior to its

- b) Expiration Date and the Shares covered thereby not paid for until such date, then such Option, or such part thereof, and the right to acquire such Shares shall terminate, and all interests and rights of the Participant in and to the same shall expire.

Options may be exercised only to purchase whole Shares, and in no case may a fraction of a Share be purchased. If any fractional Share would be deliverable upon exercise, including but not limited to, as a result of adjustments as provided in

- c) Section 16 hereof, such fraction shall be rounded up one-half or less, or otherwise rounded down, to the nearest whole number of Shares.

An Option, or any part thereof, shall be exercisable by the Participant's signing and returning to the Company at its principal office, on any business day, a "Notice of Exercise" in such form and substance as may be prescribed by the Committee from time to time and in accordance with the requirements of applicable laws, which exercise shall be effective upon receipt of such signed notice by the Company at its principal office. The Notice of Exercise shall specify the number of Shares with respect to

- d) which the Option is being exercised and shall be accompanied by payment of the aggregate Exercise Price due with respect to the Shares to be purchased. Such payment may consist of any consideration and method of payment authorized by the Committee and permitted by the Award Agreement and the Plan. If required under applicable laws, the Notice of Exercise shall also be accompanied by payment of the aggregate withholding taxes due with respect to the exercise of Options and/or purchased Shares.

- e) If applicable laws require the Company to take any action with respect to the Shares specified in the Notice of Exercise before the issuance thereof, then the date of their issuance shall be extended for the period necessary to take such action.

Prior to exercise, the Participant shall have none of the rights and privileges of a shareholder of the Company in respect to any Shares purchasable upon the exercise of any part of an Option. Until the Shares are issued (as evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company), no right to receive dividends or any

- f) other rights as a shareholder shall exist with respect to the Shares, notwithstanding the exercise of the Option. The Company shall issue (or cause to be issued) such Shares promptly after the Option is exercised, subject to the provisions of Section 18 hereof. No adjustment will be made for a dividend or other right, for which the record date precedes the date of issuance of the Shares, except as provided in Section 15 hereof.

Except and to the extent otherwise expressly provided herein, the Shares acquired under an Option shall be subject to the

- g) provisions of the Company's incorporation documents, as amended from time to time and/or any other shareholders agreement in effect.

### 13. Restricted Shares; RSUs

Restricted Shares:

The Committee may, in its sole discretion, grant Restricted Shares to Service Providers. Each Award of Restricted Shares shall be subject to such terms and conditions consistent with the Plan set forth in the applicable Award Agreement and such other terms and conditions consistent with the Plan and the applicable Award Agreement as the Committee may impose from time to time, including, without limitation, restrictions on the sale or other disposition of such Shares, the vesting date with respect to such Shares, and the right of the Company to reacquire such Shares for no consideration upon termination of the Participant's employment within specified periods.

The Participant shall have all of the rights of a holder of Shares, including the right to receive dividends and to vote the shares (subject to the provisions of Section 8(c)), unless the Committee determines otherwise on the date of grant. Any share certificate issued in connection with a Restricted Share may be held in the custody of the Company and will bear the following legend and/or any other legend required by this Plan, the applicable Award Agreement or applicable law: THE TRANSFERABILITY OF THIS CERTIFICATE AND THE SHARES REPRESENTED HEREBY ARE SUBJECT TO THE

- a) TERMS AND CONDITIONS OF THE INSPIRA TECHNOLOGIES OXY B.H.N LTD 2019 EQUITY INCENTIVE PLAN AND AN AGREEMENT ENTERED INTO BETWEEN THE PARTICIPANT AND INSPIRA TECHNOLOGIES OXY B.H.N LTD.. (WHICH TERMS AND CONDITIONS MAY INCLUDE, WITHOUT LIMITATION, CERTAIN TRANSFER RESTRICTIONS AND FORFEITURE CONDITIONS). COPIES OF THAT PLAN AND AGREEMENT ARE ON FILE IN THE PRINCIPAL OFFICES OF INSPIRA TECHNOLOGIES OXY B.H.N LTD AND WILL BE MADE AVAILABLE TO THE HOLDER OF THIS CERTIFICATE WITHOUT CHARGE UPON REQUEST.

Restricted Share Units:

Restricted Share Units are a right to receive Shares at a specified future time. An RSU may be awarded to any Participants, including under Section 102. The Award Agreement relating to the grant of RSUs under this Plan shall be in such form as the

- c) Committee shall from time to time approve, and subject to the terms specified in the Plan, whether Section 102 Trustee Award, Section 102 Non-Trustee Award, Section 3(i) Award or option issued under other tax regimes. The provisions of the various Award Agreements entered into under this Plan need not be identical. RSUs may be granted in consideration of a reduction in the Participant's other compensation.

- d) Restricted Share Units shall be paid in cash, Shares, or a combination of cash and Shares as the Committee, in its sole discretion, shall determine at the grant date and as shall be set forth in the applicable Award agreement.

- e) No payment of Exercise Price shall be required as consideration for RSUs, unless included in the Award Agreement or as required by Applicable Law (including, Section 304 of the Companies Law). Any reference to exercise of an RSU Award (if so determined in its terms), shall be deemed to refer to the vesting of such an Award (regardless of whether or not the wording included reference to vesting of such an Award explicitly).

- f) The delivery of Shares and/or payment of cash as settlement of an RSU shall occur as soon as administratively practicable following the determination of the Committee of the satisfaction of the applicable performance goals. The Committee may, in its sole discretion and at the time of grant, provide for the further deferral of payment in an applicable agreement.

- g) In the case of an RSU not subject to performance goals, a delivery Shares or payment of cash as settlement of the RSU shall occur as of the date specified in the applicable Award Agreement.

### 14. Termination of Relationship as a Service Provider

Except as provided below, an Award, or any part thereof, may not be exercised unless the Participant is then a Service Provider of the Company or any Affiliate thereof, and unless the Participant has remained continuously a Service Provider since the date of grant of the Award, unless the Committee determines that a longer period is applicable or such longer period is otherwise set forth in the Award Agreement.

- a) Except as provided below, an Award, or any part thereof, may not be exercised unless the Participant is then a Service Provider of the Company or any Affiliate thereof, and unless the Participant has remained continuously a Service Provider since the date of grant of the Award, unless the Committee determines that a longer period is applicable or such longer period is otherwise set forth in the Award Agreement.

Unless otherwise approved by the Committee or set forth in the Award Agreement, if a Participant ceases to be a Service Provider of the Company or any Affiliate thereof for any reason (including, but not limited to, resignation and retirement, but excluding termination by reasons of Cause, Participant's Disability or death, for which events there are special rules in Subsections (c) and (d) below), all Awards granted to the Participant, which are vested and exercisable at the time of such termination, may be exercised within three (3) months following the date of such termination, but in no event later than the Expiration Date of such Award, as set forth in the Award Agreement. If, after termination, the Award is not so exercised within the time specified herein, the Award shall terminate, and the Shares covered by the unexercised portion of such Award shall revert to the Plan. Unless the Committee or the Award Agreement provide otherwise, any Award which are not vested and exercisable at the date of such termination, shall terminate, and the Shares covered by such unvested Award shall revert to the Plan.

Unless otherwise approved by the Committee or set forth in the Award Agreement, if a Participant ceases to be a Service Provider of the Company or any Affiliate thereof as a result of Participant's Disability or death, all Award granted to the Participant, which are vested and exercisable at the time of such termination, may, unless earlier terminated in accordance with the Award Agreement, be exercised within twelve (12) months following the Participant's termination, but in no event later than the Expiration Date of such Award, as set forth in the Award Agreement. In the case of Participant's death, such Award may be exercised by the personal representative of the Participant's estate or by the person or persons to whom the Option is transferred pursuant to the Participant's will or the laws of inheritance or by the Participant's designated beneficiary or beneficiaries of that Award. If, after termination, the Award is not so exercised within the time specified herein, the Award shall terminate, and the Shares covered by the unexercised portion of such Option shall revert to the Plan. Unless the Committee or the Award Agreement provide otherwise, any Award which are not vested and exercisable at the date of such termination, shall terminate and the Shares covered by such unvested Award shall revert to the Plan.

Termination of Engagement for Cause. Subject to the terms of the Plan, any written agreement between the Participant and the Company, and the applicable Award Agreement, if a Participant's employment or engagement with the Company is terminated by the Company for Cause, all Awards held by a Participant on the date of the termination of his or her employment or engagement with the Company for Cause, whether vested or non-vested, shall immediately be forfeited by such Participant as of such date. If a Participant's employment or engagement with the Company is terminated for Cause during the six (6) months following any exercise, payment or delivery pursuant to an Award, such exercise, payment or delivery may be rescinded within two (2) years thereafter. In the event of any such rescission, the Participant shall pay to the Company the amount of any gain realized or payment received as a result of the rescinded exercise, payment or delivery, in such manner and on such terms and conditions as may be required, and the Company shall be entitled to set-off against the amount of any such gain any amount owed to the Participant by the Company.

In addition and notwithstanding Subsections (b) through (d) above, if after termination of relationship as a Service Provider, Participant does not comply in full with any of non-compete, non solicitation, confidentiality or any other requirement of any agreement between the Participant and the Company (or any Affiliate thereof engaging the Participant), the Committee may, in its sole discretion, refuse to allow the exercise of the Award.

For the purpose of this Section 14, termination of relationship as a Service Provider shall be deemed to be effective upon the date, which is designated by the Company (or any Affiliate thereof engaging the Participant) as the last day of the Participant's service with the Company or any Affiliate thereof.

For the purpose of this Section 14, a transfer of the Participant from the service of the Company to any Affiliate (and vice versa) or between Affiliates shall not be deemed a termination of relationship as a Service Provider, unless otherwise determined by the Committee.

15. Adjustments, Liquidation and Corporate Transaction: Upon the occurrence of any of the following described events, Participant's rights under the Plan shall be adjusted as hereinafter provided.

a) Changes in Capitalization. The number and type of Shares which have been authorized for issuance under the Plan but as to which no Award has yet been granted or which have been returned to the Plan upon cancellation or expiration of an Award, and

the number and type of Shares covered by each outstanding Award, as well as the Exercise Price per Share covered by each such outstanding Award, shall be proportionately adjusted for any increase or decrease in the number or type of issued Shares resulting from a stock split, reverse stock split, stock dividend, recapitalization, combination or reclassification of the Shares, or any other increase or decrease in the number of issued Shares effected without receipt of consideration by the Company, in order to prevent diminution or enlargement of the benefits or potential benefits intended to be made available under the Plan. The conversion of any convertible securities of the Company shall not be deemed to have been “effected without receipt of consideration”. Such adjustment shall be made by the Committee, in its sole discretion. The Company shall not be required to issue fractional Shares or other securities under the Plan as a result of such adjustment and any fractional interest in a Share or other security that would otherwise be delivered upon the exercise of an Award will be rounded, as detailed in Section 11(c) hereof.

Dissolution or Liquidation. In the event of dissolution or liquidation of the Company, the Company shall have no obligation to notify the Participants of such event and any Options that have not been previously exercised will terminate immediately prior to such dissolution or liquidation. Notwithstanding the above, in the event of a voluntary liquidation of the Company, which is not within the frame of a Corporate Transaction, the Committee shall notify each Participant as soon as practicable prior to the effective date of such proposed transaction, and any Awards that have not been previously exercised will terminate immediately prior to such proposed liquidation.

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c) Corporate Transaction.

Unless the Committee determines otherwise or if otherwise set forth in an Award Agreement, in the event of a Corporate Transaction, each outstanding Award shall, be treated as the Committee determines, including, without limitation that each Option may (i) be assumed or substituted for an equivalent award by the successor corporation or a parent or subsidiary of the successor corporation. In the case of such assumption or substitution of Award, appropriate adjustments shall be made in the number and type of Shares covered by each outstanding Award, as well as the Exercise Price per Share covered by each such outstanding Award, and all other terms and conditions of the Options, such as the vesting dates, shall remain in force; or (ii) be terminated in exchange for a cash payment (if any) equal to the excess of the Fair Market Value of the Shares subject to such Award (either to the extent then exercisable or, at the discretion of the Committee, the Award being made fully exercisable for purposes of this Section 16(c)) over the Exercise Price thereof.

For the purposes of this Sub-Section 15(c), the Award shall be considered assumed if, following the Corporate Transaction, the Award confers the right to purchase or receive, for each Share covered by the Award immediately prior to the Corporate Transaction, the consideration, if any, (whether stock, cash, or other securities or property) received in the Corporate Transaction by holders of Shares for each Share held on the effective date of the transaction (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding Shares); provided, however, that if such consideration received in the Corporate Transaction is not solely in securities of the successor corporation or its parent or subsidiary, the Committee may, with the consent of the successor corporation, provide for the consideration to be received upon the exercise of the Award, for each Share subject to the Option, to be solely in securities of the successor corporation or its parent or subsidiary equal in Fair Market Value to the per share consideration received by holders of Shares in the Corporate Transaction.

Unless the Committee or the Award Agreement provide otherwise, in the event that the Option is not assumed, substituted or exchanged during and/or immediately following the Corporate Transaction, the Award shall terminate as of the date of the closing of the Corporate Transaction and the Committee shall notify the Participant in writing or electronically of such termination.

The Committee shall not be required to treat all Awards similarly in the transaction.

The existence of the Plan, the Award Agreements and the Awards granted hereunder shall not affect or restrict in any way the right or power of the Company or the shareholders of the Company to make or authorize any adjustment, recapitalization, reorganization 16. or other change in the Company’s capital structure or its business, any merger or consolidation of the Company, any issue of shares, securities or rights to purchase shares, debentures, preferred or prior preference shares whose rights are superior to or affect the Shares or the rights thereof or which are convertible into or exchangeable for Shares, or the dissolution or liquidation of the

Company, or any sale or transfer of all or any part of its assets or business, or any other corporate act or proceeding, whether of a similar character or otherwise.

#### **17. Limited Transferability and Restrictions on Sale:**

No Award may be sold, pledged, assigned, hypothecated or transferred other than by will or by the laws of descent and distribution, and may be exercised during the lifetime of a Participant, only by the Participant. The terms of the Plan and the

- a) Award Agreement shall be binding upon the executors, administrators, heirs, successors and assigns of the Participant. Any attempted sale, transfer, assignment, pledge, hypothecation or other disposition of any Award or of any rights granted thereunder contrary to the provisions of this Plan shall be null and void.

- b) Without derogating from the provisions of Section 17(a) above, with regard to Section 102 Trustee Awards and the Shares issued under such Awards, as long as such Awards and/or Shares are held by the Trustee on behalf of the Participant, all rights of the Participant with respect thereto are personal and cannot be transferred, assigned, pledged or mortgaged, other than by will or by the laws of descent and distribution.

Shares acquired under an Award shall be subject to such restrictions on transfer and/or sale as are generally applicable to Shares of the Company, including but not limited to (i) restrictions detailed in the Company's incorporation documents, as may

- c) be amended from time to time; (ii) restrictions detailed in any shareholders agreements (as applicable to other shareholders of Shares of the Company), as amended from time to time, regardless of whether or not the Participant is a party to such agreements; and (iii) restrictions under any applicable law.

- d) In the event the Shares shall be registered for trading in any public market, the Committee may impose certain limitations on the Participant's right to sell the Shares (including a lock-up period) as may be requested by the Company's underwriters or as the Committee may, in its absolute discretion, determine to be necessary or advisable, and Participant shall unconditionally agree and accept any such limitations.

#### **18. Conditions Upon Issuance of Shares:**

Shares shall not be issued and delivered hereunder unless the issuance and delivery of such Shares shall comply with applicable laws and shall be further subject to the approval of counsel for the Company with respect to such compliance.

- a) Without derogating from the generality of the foregoing, the Company shall not be required to issue or deliver any Shares (or any certificate or certificates for such Shares) under any Award prior to the completion of any registration or other qualification of such Shares, if so required under any applicable law and/or under the rulings or regulations of any governmental regulatory body which the Committee shall, in its absolute discretion, determine to be necessary or advisable.

- b) As a condition to the issuance and delivery of Shares, the Committee may require the Participant to represent and warrant at the time of such issuance and delivery of Shares, if, in the opinion of counsel for the Company such representation is required in order to comply with any registration exemption requirement, that (i) the Shares are being purchased only for investment and without any present intention to sell or distribute such Shares; and (ii) the Participant shall not sell, transfer or otherwise dispose of any of the Shares, except in compliance with the applicable securities laws, and the rules and regulations thereunder. Furthermore, the Company shall have the authority to endorse upon the certificate or certificates representing the Shares such legends referring to the foregoing restrictions, and any other applicable restriction, as it may deem appropriate.

#### **19. Tax Consequences:**

Any tax consequences arising from the grant or exercise of any Award, from the payment for Shares covered thereby, from the issuance and delivery of Shares, the sale, transfer or disposition of such Shares, the release of Awards or Shares from Trust or from any other event or act (of the Participant, the Company or any Affiliate of the Company or the Trustee (if applicable))

- a) hereunder, shall be borne solely by the Participant. The Company or any Affiliate or the Trustee (if applicable) shall withhold taxes according to the requirements under the applicable laws, and it may take steps as it may deem necessary for withholding all due taxes, including, but not limited to (i) to the extent permitted by applicable laws, deducting the amount so required to be withheld from any other amount then or thereafter payable to a Participant, and/or (ii) requiring a Participant to pay to the

Company or any Affiliate or to the Trustee (as the case may be) the amount so required to be withheld as a condition for the issuance, delivery, distribution or release of any Shares. Furthermore, such Participant shall agree to indemnify the Company, any Affiliate that engages the Participant and the Trustee, if applicable, and hold them harmless against and from any and all liability for any such tax or interest or penalty thereon, including without limitation, liabilities relating to the necessity to withhold, or to have withheld, any such tax from any payment made to the Participant. Except as otherwise required by applicable laws, the Company shall not be required to issue and deliver any Shares to a Participant until all required payments have been fully made.

Without derogating from the definition of Fair Market Value in Section 2(s) above, and solely for the purpose of determining the tax liability with respect to the grant of Capital Gain Award Through a Trustee pursuant to Section 102, in the event the Shares of the Company are listed for trade on any established stock exchange or national market system or in the event the

- b) Shares of the Company will be registered for trade within ninety (90) days following the date of grant of such Awards, the Fair Market Value of the Shares on the date of grant shall be equal to the average value of the Company's Shares on the thirty (30) trading days preceding the date of grant or on the thirty (30) trading days following the date of registration for trade, as the case may be, all in accordance with the provisions of Section 102(b)(3) of the Tax Ordinance.

- c) With regard to Section 102 Non-Trustee Award, in the event a Participant shall cease to be employed by or, if applicable, cease to render his services to the Company or any Affiliate, for any reason, the Participant shall be obligated to provide the Company and/or its Affiliate with a security or guarantee, in the degree and manner satisfactory to them, to cover any future tax obligation resulting from the disposition of the Awards and/or the Shares acquired thereunder.

- d) With regard to Section 102 Trustee Awards, the provisions of the Plan and the Award Agreement shall be subject to the provisions of Section 102 and the tax officer's approval, which shall be deemed an integral part of the Plan and the Award Agreement. To the extent that Section 102 and/or the tax officer's approval require the Plan and/or the Award Agreement to contain specified provisions in order to qualify the Awards for preferential tax treatment, such provisions shall be deemed to be stated herein and/or in the Award Agreement, as applicable, and to be binding upon the Company, any Affiliate and the Participant.

20. Term, Amendment and Termination of the Plan:

- a) The Plan shall become effective upon the later of: (i) its adoption by the Board; or (ii) its approval by the Company's shareholders, but only if such shareholders' approval is required under applicable laws or under the articles of association and/or under any shareholder agreement then in effect.

The Committee, at any time and from time to time, may terminate, suspend or amend the Plan. The Committee shall obtain approval from the Company's shareholders of any Plan amendment to the extent necessary to comply with applicable laws or under the articles of association and/or under any shareholder agreement as then in effect. Other than in the event of a

- b) Corporate Transaction (in which case, the provisions of Section 15(c) above shall govern), no amendment, suspension or termination of the Plan shall impair the rights of any Participant, unless mutually agreed otherwise between the Participant and the Committee, which agreement must be in writing and signed by the Participant and the Company. Termination of the Plan shall not affect the Committee's ability to exercise the powers granted to it hereunder with respect to Awards granted under the Plan prior to the date of such termination.

Inability to Obtain Authority: The inability of the Company to obtain authority from any regulatory body having jurisdiction, which authority is deemed by the Company's counsel to be necessary to the lawful issuance and delivery of any Shares hereunder, shall relieve the Company of any liability in respect of the failure to issue or deliver such Shares as to which such requisite authority shall not have been obtained.

Continuance of Engagement: Neither the Plan nor any Award granted hereunder shall impose any obligation on the Company or its Affiliates, to continue its relationship with a Participant as a Service Provider, and nothing in the Plan, in any Award Agreement or

- 22. in any Award granted pursuant thereto shall confer upon any Participant any right with respect to continuing the Participant's relationship as a Service Provider with the Company or its Affiliate nor shall it interfere in any way with its right or the Company's or its Affiliates' right to terminate such relationship at any time, with or without Cause, and with or without notice.

23. **Non-Exclusivity of the Plan:** The Plan shall not be construed as creating any limitations on the power of the Board or the Committee to adopt such other incentive arrangements as either may deem desirable, including without limitation, the granting of stock options otherwise than under the Plan, and such arrangements may be either generally applicable or applicable only in specific cases.

24. **Governing Law and Jurisdiction:** This Plan and all instruments issued thereunder or in connection therewith shall be governed by and construed and enforced in accordance with the laws of the State of Israel, without giving effect to the principles of conflict of laws thereof. Any dispute arising out of this Plan and all instruments issued thereunder or in connection therewith shall be resolved exclusively by the appropriate court in the State of Israel.

25. **Application of Funds:** The proceeds received by the Company from the delivery of Shares pursuant to Awards will be used for general corporate purposes of the Company.

26. **Severability:** If any term or other provision of this Plan is determined to be invalid, illegal or incapable of being enforced by any applicable laws, the invalidity of such term or provision of the Plan shall not affect the validity or enforceability of any other provision of the Plan, which shall remain in full force and effect.

\* \* \*

### **Rider A**

#### Dividend Equivalents for Restricted Stock Units

With respect to each Restricted Stock Unit, the Committee may grant a Dividend Equivalent Unit to any Participant upon such terms and conditions as it may establish. Each Dividend Equivalent Unit will entitle the Participant, at the time of the settlement of the Award, to an additional payment equal to the dividends the Participant would have received if the Participant had been the actual record owner of the underlying Shares on each dividend record date prior to the settlement. The Dividend Equivalent Unit may be settled in cash, additional Shares or a combination thereof.

### Calculation of Filing Fee Tables

**Form S-8**  
(Form Type)

**INSPIRA TECHNOLOGIES OXY B.H.N. LTD.**  
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered Securities

Security Type	Security Class Title	Fee Calculation	Amount Registered(1)(2)	Proposed Maximum Offering Price Per Share(3)	Proposed Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Fees to Be Paid	Equity	Ordinary Shares, no par value per share (3)	Rule 457(c) and 457(h)	3,000,000 \$ 0.81	\$ 2,430,000 \$ 0.00015310 \$		372.04
		<b>Total Offering Amounts</b>		\$ 0.81	\$ 2,430,000	\$	372.04
		<b>Total Fees Previously Paid</b>					-
		<b>Total Fee Offsets</b>					-
		<b>Net Fee Due</b>				\$	372.04

Pursuant to Rule 416(a) under the Securities Act of 1933, as amended, or the Securities Act, this Registration Statement also covers (1) an indeterminate number of additional securities which may be offered and issued to prevent dilution resulting from stock splits, stock dividends, recapitalizations or similar transactions.

Represents ordinary shares, no par value, of Inspira Technologies Oxy B.H.N. Ltd., or Ordinary Shares and the Registrant, (2) respectively, reserved for issuance in connection with securities awards that may be granted under the Company's Amended and Restated 2019 Equity Incentive Plan, or the Amended and Restated 2019 Plan, to which this Registration Statement relates.

The fee is based on the number of Ordinary Shares which may be issued in connection with securities awards that may be granted under the Amended and Restated 2019 Plan that this Registration Statement on Form S-8 relates to and is estimated in accordance (3) with Rule 457(c) and (h) under the Securities Act solely for the purpose of calculating the registration fee based upon the average of the high and low sales price of the Registrant's Ordinary Shares as reported on the Nasdaq Capital Market on March 4, 2025.