LANZATECH GLOBAL, INC. Code of Conduct and Ethics

Approved on 8 February 2023

I. Introduction

LanzaTech Global, Inc. (together with its subsidiaries, the "Company") requires the highest standards of professional and ethical conduct from its directors, Officers, employees, consultants and external contractors working for the Company on temporary assignment. Our reputation for honesty and integrity is key to the success of our business. The Company intends that its business practices will comply with the laws of every jurisdiction in which it operates, and that honesty, integrity and accountability will always define and guide the Company's business activity. The achievement of results through violations of laws or regulations or dishonest business practices is never acceptable.

This Code of Conduct and Ethics (the "Code") reflects the Company's commitment to a culture of honesty, integrity and accountability, serves as the overarching ideal for all Company policies and outlines the basic principles that guide the conduct of all employees, officers and directors. Therefore, we expect you to read this Code thoroughly and carefully and then certify as part of your compliance training that you understand and agree to comply.

In addition to following this Code in all aspects of your business activities, you are expected to seek guidance in any situation where there is a question regarding compliance, whether with the letter or the spirit of the Company's policies and any applicable law. Compliance with this Code is essential to the continued success of the Company's business and the cultivation and maintenance of its reputation as a good corporate citizen. Misconduct is never justified, even where sanctioned or ordered by an officer or other individual in a position of higher management. No individual, regardless of stature or position, can authorize actions that are illegal, or that jeopardize or violate Company standards. We note that this Code sets forth general principles of conduct and ethics and is intended to work in conjunction with the specific policies and procedures that are covered in the Company's compliance documents or in separate specific policy statements, such as the LanzaTech Insider Trading Policy or Antibribery Policy, and you should refer to those policies and procedures for more detail in the specified context.

Nothing in this Code prohibits you from reporting possible violations of a federal law or regulation to any governmental agency or entity, including but not limited to the Department of Justice, the Securities and Exchange Commission (the "SEC"), the United States Congress, and any agency Inspector General, or making other disclosures that are protected under the whistleblower provisions of federal law or regulation. You do not need the prior authorization of the Company to make any such reports or disclosures and you are not required to notify the Company that you have made such reports or disclosures.

II. Conflicts of Interest

A conflict of interest exists when private interests, including personal, family, social, or financial interests, interfere in any way with the performance of your responsibilities with respect to the Company. A conflict can arise if you, or an immediate family member, takes actions that can make it difficult for you to perform Company duties objectively, or if you receive personal benefits that are, or appear to be, improper. For example, conflicts of interest may arise if:

- you cause the Company to engage in business transactions with a company that you, your friends or your relatives control without having obtained any required prior approvals;
- you are in a position to (i) compete with, rather than help, the Company or (ii) make a business decision not on the basis of the Company's interest but rather for your own personal advantage;
- you take actions, or have personal or family interests, that may make it difficult to perform your work (or discharge your duties and obligations) effectively; or
- you, or any of your family members or affiliates, receive improper personal benefits as a result of your position in the Company.

You are required to act in the Company's best interest and to exercise sound judgment, free from personal interests or other loyalties and to refrain from activity that causes an actual or potential conflict of interest in violation of the LanzaTech Conflicts of Interest Policy. Any actual or potential conflict of interest must be reported promptly to the General Counsel (the "Compliance Officer"). Further, if you become aware of a conflict or potential conflict involving another employee, officer or director, you should bring it to the attention of the Compliance Officer.

III. Corporate Opportunities

When carrying out your duties or responsibilities, you owe a duty to the Company to advance its legitimate interests. Each employee, officer and director is prohibited from:

- diverting to himself or herself or to others any opportunities that are discovered through the use
 of the Company's property or information or as a result of his or her position with the Company
 unless such opportunity has been first presented to, and rejected by, the Company;
- using the Company's property or information or his or her position for improper personal gain; or
- competing with the Company.

IV. Public Reporting

Full, fair, accurate and timely disclosure must be made in the reports and other documents that the Company files with, or submits to, the SEC and in its other public communications. Such disclosure is critical to ensure that the Company maintains its good reputation, complies with its obligations under the securities laws and meets the expectations of its stockholders.

Persons responsible for the preparation of such documents and reports and other public communications must exercise the highest standard of care in accordance with the following guidelines:

- all accounting records, and the reports produced from such records, must comply with all applicable laws;
- all accounting records must fairly and accurately reflect the transactions or occurrences to which they relate;
- all accounting records must fairly and accurately reflect in reasonable detail the Company's assets, liabilities, revenues and expenses;
- accounting records must not contain any false or intentionally misleading entries;

- no transactions should be intentionally misclassified as to accounts, departments or accounting periods;
- all transactions must be supported by accurate documentation in reasonable detail and recorded in the proper account and in the proper accounting period;
- no information should be concealed from the internal auditors or the independent auditors; and
- compliance with the Company's internal control over financial reporting and disclosure controls and procedures is required.

V. Confidentiality

Employees, officers and directors must maintain and protect the confidentiality of information entrusted to them by the Company, or that otherwise comes into their possession, during the course of their employment or while carrying out their duties and responsibilities, except when disclosure is authorized by the Company or legally mandated.

The obligation to preserve confidential information continues even after employees, officers and directors leave the Company.

Confidential information encompasses all non-public information (including, for example, "inside information" or information that third parties have entrusted to the Company) that may be of use to competitors or may otherwise be harmful to the Company or its key stakeholders, if disclosed. Financial and technical information is of special sensitivity and should under all circumstances be considered confidential, except where its disclosure is approved by the Company or when the information has been publicly disseminated.

VI. Protection and Proper Use of Company Assets

All employees, officers and directors should promote and ensure the efficient and responsible use of the Company's assets and resources by the Company. Theft, carelessness and waste have a direct impact on the Company's profitability. Any suspected incidents of fraud or theft should be immediately reported for investigation.

Company assets, such as confidential and proprietary information, funds, materials, supplies, products, equipment, software, facilities, and other assets owned or leased by the Company or that are otherwise in the Company's possession, may only be used for legitimate business purposes and must never be used for illegal purposes.

Confidential and proprietary information includes any information that is not generally known to the public or would be valued by, or helpful to, our competitors. Examples of confidential and proprietary information are intellectual property, business and strategic plans and employee information. The obligation to use confidential and proprietary information only for legitimate business purposes continues even after individuals leave the Company.

VII. Insider Trading

Insider trading is unethical and illegal. Employees, officers and directors must not trade in securities of a company while in possession of material non-public information regarding that company. It is also illegal to "tip" or pass on inside information to any other person who might make an investment decision based on that information or pass the information to third parties. The Company has an Insider Trading Policy, which sets forth obligations with respect to trading in the Company's securities, which are in addition to any requirements imposed by law.

VIII. Fair Dealing

Each employee, officer and director, in carrying out his or her duties and responsibilities, should endeavor to deal fairly with each other and the Company's customers, suppliers and competitors. No employee, officer or director should take unfair advantage of anyone through illegal conduct, manipulation, concealment, abuse of privileged information, misrepresentation of material facts or any other unfair dealing practice.

IX. Compliance with Laws, Rules and Regulations

Compliance with both the letter and spirit of all laws, rules and regulations applicable to the Company, including any stock exchange or other organization or body that regulates the Company, is critical to our reputation and continued success. All employees, officers and directors must respect and obey the laws of the cities, states and countries in which the Company operates and avoid even the appearance of impropriety.

Adhering to this Code is a condition of employment or Board service, as applicable. Violations of this Code may result in disciplinary action, up to and including termination.

X. Compliance with Antitrust Laws

The Company believes in fair and open competition and adheres strictly to applicable antitrust laws. It should be noted that the following section is not an exhaustive summary of relevant antitrust laws. Additional antitrust considerations not covered in this section include but aren't necessarily limited to participation in trade associations, monopolization, price discrimination and other practices that affect competition.

As a general proposition, any contact with a competitor may be problematic under antitrust laws. Accordingly, all employees, officers and directors should avoid any such contact relating to the business of the Company or the competitor without first obtaining the approval of the Compliance Officer. Any additional concerns relating to the aforementioned areas of potential antitrust breach should also be directed to the Compliance Officer.

The Company notes below some general rules concerning contact with competitors:

Agreements among competitors, whether written or oral, that relate to prices are illegal per se.
 In other words, such agreements, solely on their own, constitute violations of the antitrust laws.
 There are no circumstances under which agreements among competitors relating to prices may

be found legal. Price fixing is a criminal offense and may subject the Company to substantial fines, penalties and reputational damage and the offending employee to imprisonment and fines.

- Antitrust laws may be violated even in the absence of a formal agreement relating to prices. Under
 certain circumstances, an agreement to fix prices may be inferred from conduct, such as the
 exchange of price information, and from communications among competitors even without an
 express understanding. Although exchanges of price information are permitted in certain
 circumstances, employees of the Company should not participate in such exchanges without first
 obtaining the approval of the Compliance Officer.
- It is a per se violation of antitrust laws for competitors to agree, expressly or by implication, to divide markets by territory or customers.
- It is a per se violation of the antitrust laws for competitors to agree not to do business with a particular customer or supplier. As with agreements to fix prices, the antitrust laws can be violated even in the absence of an express understanding.
- Any communication between competitors concerning problems with any customer or supplier may violate antitrust laws and should be avoided.

XI. Environmental, Health and Safety

The Company is sensitive to the environmental, health and safety consequences of its operations. Accordingly, the Company considers sustainability in its planning decisions and expects compliance with all applicable U.S. and international environmental, health and safety laws and regulations. Compliance with U.S. federal and state environmental, health and safety laws and regulations, including, among others, the Clean Air Act, the Federal Water Pollution Control Act, the Resource Conservation and Recovery Act and the Occupational Safety and Health Act, is required for all of the Company's domestic and international operations. The Company further expects compliance with specific foreign laws or regulations that impose heightened environmental, health and safety standards in the applicable jurisdictions. If any individual has any doubt as to the applicability or meaning of a particular environmental, health or safety regulation, he or she should discuss the matter with the Compliance Officer.

The Company is committed to keeping its workplaces free from hazards. You should report any accidents, injuries or unsafe equipment, practices or conditions immediately to a supervisor or other designated person. Threats or acts of violence or physical intimidation are also strictly prohibited.

You must not engage in the use of any substance that could prevent you from discharging your work duties and responsibilities safely and effectively.

XII. Discrimination and Harassment

The Company values a diverse working environment and is committed to providing equal opportunity in all aspects of our business. Abusive, harassing or offensive conduct is unacceptable, whether verbal, physical or visual. Examples include derogatory comments based on racial or ethnic characteristics and unwelcome sexual advances. The Company encourages the reporting of discrimination and harassment when it occurs and requires certain managerial employees to report to the Compliance Officer or to Human Resources any occurrences of discrimination or harassment, even when the conduct or comments may not constitute illegal harassment under the law.

XIII. Company Records and Document Retention

Records created, received or used during the conduct of Company business, including all communications sent or received using the Company's email system, are at all times the property of the Company wherever those records may be located. At any time, the Company and, in certain circumstances, third parties (including government officials), may review, without prior notice to personnel, any and all Company records, including records marked "Personal" or "Private."

Any records that you create and store are subject to this Code and may be demanded by third parties during the course of litigation or a government investigation or, in the case of records sent outside the Company, subject to the records retention policies of the recipients.

You should, therefore, avoid discriminatory remarks, harassment and threats of violence, non-business discussions, jokes or off-color remarks or similar inappropriate or unlawful conduct in all communications, including e-mail, instant messaging, voice mail messages, text messages, video recordings and informal notes or interoffice memos. Records should be retained and destroyed in accordance with the Company's records retention policy and, as applicable, with the guidelines set by Human Resources regarding the retention of certain personnel documents.

XIV. Use of Electronic Media

The Company has developed policies, including our employee social media policy, to ensure that you understand the rules governing your use of the Company's computer network, and options for e-mail and voicemail or other messaging services, Internet access or other use of electronic media. All Company equipment, including desks, laboratory equipment computers and computer systems, computer software, electronic storage devices, cellphones or other mobile devices, e-mail, voicemail and other physical items are for business use only. The Company at all times retains the right to access and search all such electronic media or other items contained in or used in conjunction with the Company's computer, e-mail, voicemail and Internet access systems and equipment with no prior notice.

Like the Company's computer network, e-mail and voicemail services, access to Internet services such as web-browsing or newsgroups are provided to employees by the Company only for business use. Any personal use must be infrequent and must not involve any prohibited activity, interfere with the productivity of the employee or his or her coworkers, consume system resources or storage capacity on an ongoing basis or involve large file transfers or otherwise deplete system resources available for business purposes.

Your messages and computer information are considered Company property and consequently, employees should not have an expectation of privacy in the context of computer and voice mail use. Unless prohibited by law, the Company reserves the right to access and disclose this information as necessary for business purposes. Use good judgment, and do not access, send messages or store any information that you would not want to be seen or heard by other individuals.

XV. Business Gifts and Entertainment

Business gifts and entertainment are often customary courtesies designed to build goodwill among business partners and clients. However, issues may arise when such courtesies compromise, or appear to compromise, the recipient's ability to make objective and fair business decisions. In addition, additional

risks can arise when the intended recipient is a government official, including employees of government-controlled entities, political party representatives or candidates for public office, or employees of state-owned enterprises. Offering or receiving any gift, gratuity or entertainment that might be perceived to unfairly influence a business relationship should be avoided. These guidelines apply at all times, and do not change during traditional gift giving seasons, and apply equally to employees, officers or directors offering gifts and entertainment to the Company's business associates.

The value of gifts should be nominal, both with respect to frequency and monetary amount. Frequent gifting to a recipient may be perceived as an attempt to create an obligation to the giver and is therefore inappropriate. Likewise, business entertainment should be moderately scaled and intended only to facilitate legitimate business goals. Gifts should also be given as a courtesy and/or in recognition of services rendered. Gifts must be approved and comply with the Company's Gifts and Hospitality Policy and Anti-Corruption Policy. Before offering or making any gifts or hospitality, you must review the Company's Gifts and Hospitality Policy and Anti-Corruption Policy and request the required approvals described in those policies.

XVI. Political Activities and Contributions

The Company respects the right of each of its employees to participate in the political process and to engage in political activities of his or her choosing; however, while involved in their personal and civic affairs employees must make clear at all times that their views and actions are their own, and not those of the Company. Employees may not use the Company's resources to support their choice of political parties, causes or candidates.

The Company may occasionally express its views on local and national issues and/or political candidates that affect its operations. In such cases, Company funds and resources may be used, but only when permitted by law and by Company guidelines. The Company may also make limited contributions to political parties or candidates in jurisdictions where it is legal and customary to do so. The Company may pay related administrative and solicitation costs for political action committees formed in accordance with applicable laws and regulations. Any use of Company resources for the Company's political activities, including contributions or donations, requires advance approval by the Company's Compliance Officer.

XVII. Bribery and Corruption

The Company strictly prohibits all forms of bribery and corruption and will take all necessary steps to ensure that it does not occur in its business activities. Employees, officers and directors must comply with all laws prohibiting bribery, corruption and kickbacks, including laws prohibiting improper payments to domestic and foreign officials such as the U.S. Foreign Corrupt Practices Act (the "FCPA"). While this section focuses primarily on foreign officials, this Policy equally prohibits bribery of domestic officials and commercial or private sector parties.

The FCPA prohibits an offer, payment, promise of payment or authorization of the payment of any money or anything else of value to a foreign official, foreign political party, official of a foreign political party or candidate for political office to corruptly induce or influence any act or decision of such person or party or to secure any improper advantage. The FCPA prohibits such conduct whether done directly or indirectly through an agent or other intermediary.

No payment or gift (including of accommodation, entertainment or hospitality) may be made to a foreign official even for non-discretionary action without first consulting with and obtaining written authorization from the Compliance Officer.

XVIII. Compliance with and Amendments of this Code

Failure to comply with this Code or applicable laws, rules or regulations may result in disciplinary measures, including your termination from the Company or removal from the Board of Directors. Violations of this Code may also constitute violations of law and may result in civil or criminal penalties for such person, such person's supervisors or the Company. The Board of Directors will determine, or designate appropriate persons to determine, appropriate actions to be taken in the event of a violation of this Code in relation to officers and directors. In determining what action is appropriate in a particular case, the Board of Directors or its designee will consider the nature and severity of the violation, whether the violation was a single occurrence or repeated occurrences, whether the violation was intentional or inadvertent, whether the individual in question had been advised prior to the violation as to the proper course of action and whether or not the individual in question had committed other violations in the past. The Compliance Officer will determine appropriate actions to be taken in the event of a violation of this code in relation to all other employees.

This Code cannot, and is not intended to, address all of the ethical complexities that may arise during the course of employment or association with the Company. There will be occasions where circumstances not covered by policy or procedure arise, and where a judgment must be made as to the appropriate course of action. In such circumstances, the Company encourages common sense decision-making, and consultation with a manager, member of human resources, or the Compliance Officer for guidance pursuant to the methods discussed below in "Compliance and Contact Details".

Any material amendment of this Code will be made only by the Board of Directors and will be promptly disclosed as required by law or stock exchange regulation.

XIX. Compliance and Contact Details

Confidential Advice

If you think that an actual or possible violation has occurred, it is important to report your concerns immediately. If you do not feel comfortable discussing the matter with your supervisor, manager or Human Resources, please contact the Compliance Officer at LNZAComplianceOfficer@lanzatech.com, Alternatively, you can raise your complaint anonymously via the Company's independent, third-party hotline by calling 1-833-433-1319 or lodging your complaint directly via https://www.whistleblowerservices.com/lanzatech.

The Company strives to ensure that all questions or concerns are handled fairly, discreetly and thoroughly.

Employee Reporting

The Company proactively promotes ethical behavior and it is the responsibility of employees, officers and directors, pursuant to the Company's Whistleblower Policy, to promptly report evidence of illegal or unethical behavior, or violations of this Code, to their supervisor, anyone in management, the General Counsel (the "Compliance Officer") or the Chair of the Audit Committee. If a compliant involves both the

Chief Executive Officer and an officer, director or the Compliance Officer, then the concern may be directed to the Chair of the Audit Committee. Whistleblower reports that concern financial impropriety should be simultaneously reported to the Compliance Officer and the Chair of the Audit Committee. You may choose to remain anonymous in reporting any possible violation of this Code, except to the extent necessary to conduct an effective investigation or as required under applicable law, regulation or legal proceedings. You are also urged to consult the Company's Whistleblower Policy, which provides additional detail regarding reporting procedures. Adherence to the Company's Whistleblower Policy is a condition of employment or Board service, as applicable.

Once a report is made and received, the Company will investigate promptly and all employees, officers and directors are expected to cooperate candidly with relevant investigatory procedures. Appropriate remedial action may be taken, based on the outcome of such investigation.

The Company has a no-tolerance policy for retaliation against persons who raise good faith compliance, ethics or related issues. However, it is unacceptable to file a report knowing it to be false.

Code of Ethics for Directors

This Code applies, in its entirety, to all members of the LanzaTech Board of Directors, officers and employees. However, only the following sections constitute the Code of Ethics for the purposes of the rules of the SEC and the listing standards of the Nasdaq Stock Market: Conflicts of Interest, Corporate Opportunities, Public Reporting, Protection and Proper Use of Company Assets, Fair Dealing, Discrimination and Harassment, Company Records and Document Retention, Use of Electronic Media, Business Gifts and Entertainment, Political Activities and Contributions and Bribery and Corruption. All sections of this Code not listed above, as well as any other referenced policies or documents, are not included in the Code of Ethics.

Waiver

Any waiver of this Code for any officer or director will be made only by the Nominating and Governance Committee and may be promptly disclosed as required by law or stock exchange regulation.