



Adtran supplier code of conduct

Adtran is a company founded on innovation and focused on helping our customers succeed. Our technology forms the building blocks of a shared digital future and empowers networks across the globe. We're continually developing breakthrough hardware and software that leads the networking industry and creates new business opportunities. Thanks to reliable performance over more than 25 years, we have become a trusted partner for hundreds of carriers and thousands of enterprises across the globe.

In order to maintain that trust, Adtran understands that we must hold ourselves to a high standard of conduct with respect to workers' rights, health and safety, the environment, and ethics and pass those expectations on to companies we do business with while bringing our products to market. To document these expectations, Adtran has developed this supplier code of conduct. This code is modeled on the widely accepted Responsible Business Alliance Code of Conduct (RBA 7.0.) developed by the Responsible Business Alliance. The code is made up of five sections. Sections A, B, and C outline standards for labor, health and safety, and the environment, respectively. Section D outlines the elements of an acceptable system to manage conformity to this code. Section E adds standards relating to business ethics.

All suppliers are required to follow this supplier code of conduct, outlined below, and should be prepared to demonstrate adherence through a social responsibility audit whether it be announced or not.

For the purpose of this document "suppliers" refers to any company, corporation, or other entity that sells, or seeks to sell goods or services, to Adtran, including the supplier's employees, agents and any other representatives.



A. LABOR

Suppliers are committed to uphold the human rights of workers, and to treat them with dignity and respect as understood by the international community. This applies to all workers including temporary, migrant, student, contract, direct employees, and any other type of worker.

The recognized standards, as described at the end of this document in the references, were used as references in preparing the code and may be a useful source of additional information.

The labor standards are:

A.1. Freely chosen employment

Forced, bonded (including debt bondage) or indentured labor, involuntary or exploitative prison labor, slavery or trafficking of persons shall not be used. This includes transporting, harboring, recruiting, transferring, or receiving persons by means of threat, force, coercion, abduction or fraud for labor or services. There shall be no unreasonable restrictions on workers' freedom of movement in the facility in addition to unreasonable restrictions on entering or exiting company-provided facilities. As part of the hiring process, workers must be provided with a written employment agreement in their native language that contains a description of terms and conditions of employment prior to the worker departing from his or her country of origin and there shall be no substitution or change(s) allowed in the employment agreement upon arrival in the receiving country unless these changes are made to meet local law and provide equal or better terms. All work must be voluntary and workers shall be free to leave work at any time or terminate their employment. Employers and agents may not hold or otherwise destroy, conceal, confiscate or deny access by employees to their identity or immigration documents, such as government-issued identification, passports or work permits, unless such holdings are required by law. Workers shall not be required to pay employers' or agents' recruitment fees or other related fees for their employment. If any such fees are found to have been paid by workers, such fees shall be repaid to the worker.

A.2. Young workers

Child labor is not to be used in any stage of manufacturing. The term "child" refers to any person under the age of 15, or under the age for completing compulsory education, or under the minimum age for employment in the country, whichever is greatest. The use of legitimate workplace programs, which comply with all laws and regulations, is supported.

Workers under the age of 18 shall not perform work that is likely to jeopardize the health or safety of young workers.

A.3. Working hours

Studies of business practices clearly link worker strain to reduced productivity, increased turnover and increased injury and illness. Working hours are not to exceed the maximum set by local law. Further, a workweek should not be more than 60 hours per week, including overtime, except in emergency or unusual situations. Workers shall be allowed at least one day off per seven-day week.



A.4. Wages and benefits

Compensation paid to workers shall comply with all applicable wage laws, including those relating to minimum wages, overtime hours and legally mandated benefits. In compliance with local laws, workers shall be compensated for overtime at pay rates greater than regular hourly rates. Deductions from wages as a disciplinary measure shall not be permitted. For each pay period, workers shall be provided with a timely and understandable wage statement that includes sufficient information to verify accurate compensation for work performed. All use of temporary, dispatch and outsourced labor will be within the limits of the local law.

A.5. Humane treatment

The supplier's disciplinary policies and procedures shall be clearly defined and communicated to workers. There is to be no harsh and inhumane treatment, including any sexual harassment, sexual abuse, corporal punishment, mental or physical coercion or verbal abuse of workers: nor is there to be the threat of any such treatment.

A.6. Non-discrimination

Suppliers should be committed to a workforce free of harassment and unlawful discrimination. Companies shall not engage in discrimination based on race, color, age, gender, sexual orientation, ethnicity, disability, pregnancy, religion, political affiliation, union membership covered veteran status, protected genetic information or marital status in hiring and employment practices such as wages, promotions, rewards, and access to training. Workers shall be provided with reasonable accommodation for religious practices. In addition, workers or potential workers should not be subjected to medical tests or physical exams that could be used in a discriminatory way.

A.7. Freedom of association

In conformance with local law, participants shall respect the right of all workers to form and join trade unions of their own choosing, to bargain collectively and to engage in peaceful assembly as well as respect the right of workers to refrain from such activities. Workers and/or their representatives shall be able to openly communicate and share ideas and concerns with management regarding working conditions and management practices without fear of discrimination, reprisal, intimidation, or harassment.

B. HEALTH AND SAFETY

Suppliers recognize that in addition to minimizing the incidence of work-related injury and illness, a safe and healthy work environment enhances the quality of products and services, consistency of production and worker retention and morale. Suppliers also recognize that ongoing worker input and education is essential to identifying and solving health and safety issues in the workplace.

Recognized management systems such as OHSAS 18001 and ILO Guidelines on Occupational Safety and Health were used as references in preparing the code and may be a useful source of additional information.

The health and safety standards are:



B.1. Occupational safety

Worker potential for exposure to safety hazards (e.g., chemical, electrical and other energy sources, fire, vehicles, and fall hazards) are to be identified and assessed, and controlled through proper design, engineering and administrative controls, preventative maintenance and safe work procedures (including lockout/tagout), and ongoing safety training. Where hazards cannot be adequately controlled by these means, workers are to be provided with appropriate, well-maintained, personal protective equipment and educational materials about risks to them associated with these hazards. Reasonable steps must also be taken to remove pregnant women/nursing mothers from working condition with high hazards, remove or reduce any workplace health and safety risks to pregnant women and nursing mothers including those associated with their work assignments, as well as include reasonable accommodations for nursing mothers.

B.2. Emergency preparedness

Emergency situations and events are to be identified and assessed, and their impact minimized by implementing emergency plans and response procedures including emergency reporting, employee notification and evacuation procedures, worker training and drills, appropriate fire detection and suppression equipment, clear and unobstructed egress adequate exit facilities and recovery plans. Such plans and procedures shall focus on minimizing harm to life, the environment and property.

B.3. Occupational injury and illness

Procedures and systems are to be in place to prevent, manage, track and report occupational injury and illness, including provisions to encourage worker reporting; classify and record injury and illness cases; provide necessary medical treatment; investigate cases and implement corrective actions to eliminate their causes; and facilitate return of workers to work.

B.4. Industrial hygiene

Worker exposure to chemical, biological and physical agents is to be identified, evaluated, and controlled according to the hierarchy of controls. Potential hazards are to be eliminated or controlled through proper design, engineering and administrative controls. When hazards cannot be adequately controlled by such means, workers are to be provided with and use appropriate, well-maintained, personal protective equipment. Protective programs shall include educational materials about the risks associated with these hazards.

B.5. Physically demanding work

Worker exposure to the hazards of physically demanding tasks, including manual material handling and heavy or repetitive lifting, prolonged standing and highly repetitive or forceful assembly tasks is to be identified, evaluated, and controlled.

B.6. Machine safeguarding

Production and other machinery shall be evaluated for safety hazards. Physical guards, interlocks and barriers are to be provided and properly maintained where machinery presents an injury hazard to workers.

B.7. Sanitation, food and housing

Workers are to be provided with ready access to clean toilet facilities, potable water and sanitary food preparation, storage, and eating facilities. Worker dormitories provided by the supplier or a labor agent are to be



maintained clean and safe, and provided with appropriate emergency egress, hot water for bathing and showering, and adequate heat and ventilation individually secured accommodations for storing personal and valuable items, and reasonable personal space along with reasonable entry and exit privileges.

B.8. Health and safety communication

Suppliers shall provide workers with appropriate workplace health and safety information and training in the language of the worker or in a language the worker can understand for all identified workplace hazards that workers are exposed to, including but not limited to mechanical, electrical, chemical, fire, and physical hazards. Health and safety related information shall be clearly posted in the facility or placed in a location identifiable and accessible by workers. Training is provided to all workers prior to the beginning of work and regularly thereafter. Workers shall be encouraged to raise safety concerns.

C. ENVIRONMENTAL

Suppliers recognize that environmental responsibility is integral to producing world class products. In manufacturing operations, adverse effects on the community, environment and natural resources are to be minimized while safeguarding the health and safety of the public. Recognized management systems such as ISO 14001, the Eco Management and Audit System (EMAS) were used as references in preparing the code and may be a useful source of additional information.

The environmental standards are:

C.1. Environmental permits and reporting

All required environmental permits (e.g., discharge monitoring), approvals and registrations are to be obtained, maintained and kept current and their operational and reporting requirements are to be followed.

C.2. Pollution prevention and resource reduction

Emissions and discharges of pollutants and generation of waste are to be minimized or eliminated at the source or by practices such as adding pollution control equipment; modifying production, maintenance and facility processes; or by other means. The use of natural resources, including water, fossil fuels, minerals and virgin forest products, is to be conserved or by practices such as modifying production, maintenance and facility processes, materials substitution, re-use, conservation, recycling or other means.

C.3. Hazardous substances

Chemical and other materials posing a hazard to humans or the environment are to be identified labelled and managed to ensure their safe handling, movement, storage, use, recycling or reuse and disposal.

C.4. Solid waste

Supplier shall implement a systematic approach to identify, manage, reduce, and responsibly dispose of or recycle solid waste (non-hazardous).



C.5. Air emissions

Air emissions of volatile organic chemicals, aerosols, corrosives, particulates, ozone depleting chemicals and combustion by-products generated from operations are to be characterized, routinely monitored, controlled and treated as required prior to discharge. Suppliers shall conduct routine monitoring of the performance of its air emission control systems.

C.6. Materials restrictions

Suppliers are to adhere to all applicable laws, regulations and customer requirements regarding prohibition or restriction of specific substances in products and manufacturing, including labeling for recycling and disposal.

C.7. Water management

Suppliers shall implement a water management program that documents, characterizes, and monitors water sources, use and discharge; seeks opportunities to conserve water; and controls channels of contamination. All wastewater is to be characterized, monitored, controlled, and treated as required prior to discharge or disposal. Suppliers shall conduct routine monitoring of the performance of its wastewater treatment and containment systems to ensure optimal performance and regulatory compliance.

C.8. Energy consumption and greenhouse gas emissions

Energy consumption and all relevant scopes 1 and 2 greenhouse gas emissions are to be tracked and documented, at the facility and/or corporate level. Suppliers are to look for cost-effective methods to improve energy efficiency and to minimize their energy consumption and greenhouse gas emissions.

D. ETHICS

To meet social responsibilities and to achieve success in the marketplace, suppliers and their agents are to uphold the highest standards of ethics including:

D.1. Business integrity

The highest standards of integrity are to be upheld in all business interactions. Suppliers shall have a zero-tolerance policy to prohibit any and all forms of bribery, corruption, extortion and embezzlement.

D.2. No improper advantage

Bribes or other means of obtaining undue or improper advantage are not to be promised, offered, authorized, given or accepted. This prohibition covers promising, offering, authorizing, giving or accepting anything of value, either directly or indirectly through a third party, in order to obtain or retain business, direct business to any person, or otherwise gain an improper advantage. Monitoring and enforcement procedures shall be implemented to ensure compliance with anti-corruption laws.

D.3. Disclosure of information

All business dealings should be transparently performed and accurately reflected on participant's business books and records. Information regarding participant labor, health and safety, environmental practices, business activities, structure, financial situation and performance is to be disclosed in accordance with



applicable regulations and prevailing industry practices. Falsification of records or misrepresentation of conditions or practices in the supply chain are unacceptable.

D.4. Intellectual property

Intellectual property rights are to be respected; transfer of technology and know-how is to be done in a manner that protects intellectual property rights and, customer and supplier information is to be safeguarded.

D.5. Fair business, advertising and competition

Standards of fair business, advertising and competition are to be upheld.

D.6. Protection of identity and non-retaliation

Programs that ensure the confidentiality, anonymity and protection of supplier and employee whistleblowers¹ are to be maintained, unless prohibited by law. Participants should have a communicated process for their personnel to be able to raise any concerns without fear of retaliation.

¹ *Whistleblower definition: Any person who makes a disclosure about improper conduct by an employee or officer of a company, or by a public official or official body.*

D.7. Responsible sourcing of minerals

Suppliers shall have a policy to reasonably assure that the tantalum, tin, tungsten and gold in the products they manufacture does not directly or indirectly finance or benefit armed groups that are perpetrators of serious human rights abuses in the Democratic Republic of the Congo or an adjoining country. Suppliers shall exercise due diligence on the source and chain of custody of these minerals and make their due diligence measures available to customers upon customer request.

D.8. Privacy

Suppliers are to commit to protecting the reasonable privacy expectations of personal information of everyone they do business with, including suppliers, customers, consumers and employees. Suppliers are to comply with privacy and information security laws and regulatory requirements when personal information is collected, stored, processed, transmitted and shared.

E. INFORMATION PROTECTION

E.1. Information Security

It is well known that telecom network infrastructure is a target of cyberattacks. A wide variety of different actors with different purposes target networks to impact availability or steal sensitive data and intellectual property. The number and diversity of these threats is increasing, and in response Adtran and its suppliers must assure the security of products that we produce, sell or procure.

Adtran's suppliers must operate an information security management system which follows recognized standards of information security. Confidentiality, integrity and availability are integral objectives of this information security management system. Appropriate technical and organizational measures to prevent



Adtran's assets, data or information being disclosed, changed, destroyed, read or copied by third parties in a random, unauthorized and/or illegal way must be implemented.

Adtran's suppliers must ensure the fulfillment of the same security clauses applied to the suppliers within their own supply chain.

Whenever using Adtran's Information Systems you have to comply with Adtran's Usage Policy for Adtran Content and Information Systems.

Adtran's suppliers must recognize that security is never finished. It is an ever-changing and complex area where new attacks evolve, and vulnerabilities are exploited. Adtran's suppliers must be committed to a continuous improvement program to improve the security of products and processes in line with industry best practice and governmental agency guidance.

E.2. Privacy

Suppliers are to commit to protecting the reasonable privacy expectations of personal information of everyone they do business with, including suppliers, customers, consumers and employees. Suppliers are to comply with privacy and information security laws and regulatory requirements when personal information is collected, stored, processed, transmitted and shared.

F. MANAGEMENT SYSTEM

Suppliers shall adopt or establish a management system whose scope is related to the content of this code. The management system shall be designed to ensure (a) compliance with applicable laws, regulations and customer requirements related to the supplier's operations and products; (b) conformance with this code; and (c) identification and mitigation of operational risks related to this code. It should also facilitate continual improvement.

The management system should contain the following elements:

F.1. Company commitment

A corporate social and environmental responsibility policy statements affirming supplier's commitment to compliance and continual improvement, endorsed by executive management and posted in the facility in the local language.

F.2. Management accountability and responsibility

The supplier must clearly identify senior executive and company representative[s] responsible for ensuring implementation of the management systems and associated programs. Senior management will review the status of the management system on a regular basis.

F.3. Legal and customer requirements

A process to identify, monitor and understand applicable laws, regulations and customer requirements, including the requirements of this code.



F.4. Risk assessment and risk management

A process to identify the legal compliance, the environmental, health and safety² and labor practice and ethics risks associated with the supplier's operations. Determination of the relative significance for each risk and implementation of appropriate procedural and physical controls to control the identified risks and ensure regulatory compliance.

³ Areas to be included in a risk assessment for environmental health and safety are production areas, warehouse and storage facilities, plant/facilities support equipment, laboratories and test areas, sanitation facilities (bathrooms), kitchen/cafeteria and worker housing/dormitories.

F.5. Improvement objectives

Written performance objectives, targets and implementation plans to improve the supplier's social and environmental performance, including a periodic assessment of supplier's performance in achieving those objectives.

F.6. Training

Programs for training managers and workers to implement the supplier's policies, procedures and improvement objectives and to meet applicable legal and regulatory requirements.

F.7. Communication

A process for communicating clear and accurate information about the supplier's policies, practices, expectations and performance to workers, suppliers and customers.

F.8. Worker feedback, participation and grievance

Ongoing processes, including an effective grievance mechanism, to assess employees' understanding of and obtain feedback on or violations against practices and conditions covered by this code and to foster continuous improvement.

F.9. Audits and assessments

Periodic self-evaluations to ensure conformity to legal and regulatory requirements, the content of the code and customer contractual requirements related to social and environmental responsibility.

F.10. Corrective action process

A process for timely correction of deficiencies identified by internal or external assessments, inspections, investigations and reviews.

F.11. Documentation and records

Creation and maintenance of documents and records to ensure regulatory compliance and conformity to company requirements along with appropriate confidentiality to protect privacy.

F.12. Supplier responsibility

A process to communicate code requirements to suppliers and to monitor supplier compliance to the code.



G. REFERENCES:

Responsible Business Alliance Code of Conduct (RBA, v.7.0 - 2021)

https://www.responsiblebusiness.org/media/docs/RBACodeofConduct7.0_English.pdf

Dodd-Frank Wall Street Reform and Consumer Protection Act

<http://www.sec.gov/about/laws/wallstreetreform-cpa.pdf>

Eco Management & Audit System

www.quality.co.uk/emas.htm

Ethical Trading Initiative

www.ethicaltrade.org/ILO Code of Practice in Safety and Health

www.ilo.org/public/english/protection/safework/cops/english/download/e000013.pdf

ILO International Labor Standards

www.ilo.org/public/english/standards/norm/whatare/fundam/index.htm

ISO 14001

www.iso.org/

National Fire Protection Agency

www.nfpa.org/catalog/home/AboutNFPA/index.asp

OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict Affected and High-Risk Areas <http://www.oecd.org/corporate/mne/mining.htm> [OECD Guidelines for Multinational Enterprises](http://www.oecd.org/oeecd-guidelines-for-multinational-enterprises)

www.oecd.org/

OHSAS 18001

www.bsi-global.com/index.xalter

United Nations Convention Against Corruption

www.unodc.org/unodc/en/crime_convention_corruption.html

United Nations Global Compact

www.unglobalcompact.org/

Universal Declaration of Human Rights

www.un.org/en/documents/udhr/

United States Federal Acquisition Regulation

www.acquisition.gov/far/

SA 8000

www.cepaa.org/

Social Accountability International (SAI)

www.sa_intl.org/