

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**EQUIPMENT BREAKDOWN COVERAGE
(Including Electronic Circuitry Impairment)**

This endorsement modifies insurance provided under the following:

BUILDING AND PERSONAL PROPERTY COVERAGE FORM

CAUSES OF LOSS-- BASIC FORM

CAUSES OF LOSS-- BROAD FORM

CAUSES OF LOSS-- SPECIAL FORM

- A. The following is added as an Additional Coverage to the Causes of Loss— Basic Form, Broad Form or Special Form.

Additional Coverage-- Equipment Breakdown

The term Covered Cause of Loss includes the Additional Coverage Equipment Breakdown as described and limited below. Without an “accident” or “electronic circuitry impairment”, there is no Equipment Breakdown Coverage.

1. We will pay for direct physical damage to Covered Property that is the direct result of an “accident” or “electronic circuitry impairment”. We will consider “electronic circuitry impairment” to be physical damage to “covered equipment”.
2. Unless otherwise shown in a “schedule”, the following coverages also apply to the direct result of an “accident” or “electronic circuitry impairment”. However, with respect to coverage 2.g. Service Interruption below and any Dependent Properties coverage provided by this coverage part, coverage will apply only to the direct result of an “accident” and will not apply to the direct result of an “electronic circuitry impairment”. These coverages do not provide additional amounts of insurance.
 - a. Business Income and Extra Expense
 - (1) Any insurance provided under the coverage part for Business Income or Extra Expense is extended to the coverage provided by this endorsement. However, if a deductible is shown in a “schedule”, then with respect to this endorsement only, the “period of restoration” will begin immediately after the “accident” or “electronic circuitry impairment”, and the deductible shown in the “schedule” will apply.
 - (2) The most we will pay for loss or expense under this coverage is the applicable limit for Business Income and Extra Expense, unless otherwise shown in a “schedule”.
 - b. Data Restoration
 - (1) We will pay for your reasonable and necessary cost to research, replace and restore lost “data”.
 - (2) The most we will pay for loss or expense under this coverage, including actual loss of Business Income you sustain and necessary Extra Expense you incur, if shown as covered, is \$25,000 unless otherwise shown in a “schedule”.
 - c. Expediting Expenses

- (1) With respect to your damaged Covered Property, we will pay the reasonable extra cost to:
 - (a) Make temporary repairs; and
 - (b) Expedite permanent repairs or permanent replacement.
 - (2) The most we will pay for loss or expense under this coverage is \$25,000 unless otherwise shown in a “schedule”.
- d. Hazardous Substances
 - (1) We will pay your additional cost to repair or replace Covered Property because of contamination by a “hazardous substance”. This includes the additional expenses to clean up or dispose of such property.
 - (2) This does not include contamination of “perishable goods” by refrigerant, including but not limited to ammonia, which is addressed in 2.h.(1)(b) below. As used in this coverage, additional costs mean those beyond what would have been payable under this Equipment Breakdown Coverage had no “hazardous substance” been involved.
 - (3) The most we will pay for loss, damage or expense under this coverage, including actual loss of Business Income you sustain and necessary Extra Expense you incur, if shown as covered, is \$25,000 unless otherwise shown in a “schedule”.
- e. Off Premises Equipment Breakdown
 - (1) We will pay for physical damage to transportable “covered equipment” that, at the time of the “accident” or “electronic circuitry impairment”, is not at a covered location. As respects this Off Premises Equipment Breakdown coverage only, the “accident” or “electronic circuitry impairment” may occur in any country except one in which the United States has imposed sanctions, embargoes or similar restrictions on the provision of insurance.
 - (2) We will also pay for your reasonable and necessary cost to research, replace and restore lost “data” contained within “covered equipment” as described under (1) above. This amount may not exceed the limit applicable to Data Restoration coverage.
 - (3) The most we will pay for loss, damage or expense under this coverage, including actual loss of Business Income you sustain and necessary Extra Expense you incur, if shown as covered, and Data Restoration as described in (2) above is \$10,000 unless otherwise shown in a “schedule”.
- f. Public Relations
 - (1) This coverage only applies if you have sustained an actual loss of Business Income covered under this endorsement.
 - (2) We will pay for your reasonable costs for professional services to create and disseminate communications, when the need for such communications arises directly from the interruption of your business. This communication must be directed to one or more of the following:
 - (a) The media;
 - (b) The public; or
 - (c) Your customers, clients or members.
 - (3) Such costs must be incurred during the “period of restoration” or up to 30 days after the “period of restoration” has ended.
 - (4) The most we will pay for loss or expense under this coverage is \$5,000.
- g. Service Interruption
 - (1) Any insurance provided for Business Income, Extra Expense, Data Restoration or Spoilage is extended to apply to your loss, damage or expense caused by a failure or disruption of service. The failure or disruption of service must be caused by an “accident” to equipment,

including overhead transmission lines, that is owned by a utility, landlord, a landlord's utility or other supplier who provides you with any of the following services: electrical power, waste disposal, air conditioning, refrigeration, heating, natural gas, compressed air, water, steam, Internet access, telecommunications services, "cloud computing services", wide area networks or data transmission. The equipment must meet the definition of "covered equipment" except that it is not Covered Property.

- (2) "Cloud computing services" must be provided by a professional provider with whom you have a contract.
- (3) With respect to the Data Restoration portion of this Service Interruption coverage, coverage will also apply to "data" stored in the equipment of a provider of "cloud computing services".
- (4) Unless otherwise shown in a "schedule", Service Interruption coverage will not apply unless the failure or disruption of service exceeds 24 hours immediately following the "accident". If the interruption exceeds 24 hours, coverage will begin at the time of the interruption, and the applicable deductible will apply.
- (5) The most we will pay in any "one equipment breakdown" for loss, damage or expense under this coverage is the applicable limit for Business Income, Extra Expense, Data Restoration or Spoilage, except that if a limit is shown in a "schedule" for Service Interruption, that limit will apply to Business Income and Extra Expense loss under this coverage.

h. Spoilage

- (1) We will pay for:
 - (a) Physical damage to "perishable goods" due to spoilage;
 - (b) Physical damage to "perishable goods" due to contamination from the release of refrigerant, including but not limited to ammonia;
 - (c) Any necessary expenses you incur to reduce the amount of loss under this coverage to the extent that they do not exceed the amount of loss that otherwise would have been payable under this coverage.
- (2) If you are unable to replace the "perishable goods" before its anticipated sale, the amount of our payment will be determined on the basis of the sales price of the "perishable goods" at the time of the "accident" or "electronic circuitry impairment", less discounts and expenses you otherwise would have had. Otherwise our payment will be determined in accordance with the Valuation condition.
- (3) The most we will pay for loss, damage or expense under this coverage is \$25,000 unless otherwise shown in a "schedule".

3. EXCLUSIONS

All exclusions in the applicable Causes of Loss form apply except as modified below and to the extent that coverage is specifically provided by this endorsement.

a. The following exclusions are modified:

- (1) If the Causes of Loss -- Basic Form or Causes of Loss -- Broad Form applies, the following is added to Exclusion B.2.:
Depletion, deterioration, corrosion, erosion, wear and tear, or other gradually developing conditions. However, if an "accident" or "electronic circuitry impairment" results, we will pay for the resulting loss, damage or expense caused by that "accident" or "electronic circuitry impairment".

- (2) If the Causes of Loss -- Special Form applies, with respect to this endorsement only, the last paragraph of Exclusion B.2.d. is deleted and replaced with the following:
But if an excluded cause of loss that is listed in 2.d.(1) through (7) results in an "accident" or "electronic circuitry impairment", we will pay for the loss, damage or expense caused by that "accident" or "electronic circuitry impairment".
- b. The following exclusions are added:
 - (1) We will not pay for loss, damage or expense caused directly or indirectly by any of the following, whether or not caused by or resulting from an "accident" or "electronic circuitry impairment":
 - (a) Fire, including smoke from a fire;
 - (b) Explosion of gas or unconsumed fuel within the furnace of any boiler or fired vessel or within the passages from that furnace to the atmosphere;
 - (c) Any other explosion, except as specifically covered under this endorsement;
 - (d) Any earth movement, including but not limited to earthquake, subsidence, sinkhole collapse, landslide, earth sinking, tsunami or volcanic action;
 - (e) Flood, surface water, waves, tides, tidal waves, overflow of any body of water, or their spray, all whether driven by wind or not; mudslide or mudflow; or water that backs up or overflows from a sewer, drain or sump. However, if electrical "covered equipment" requires drying out because of the above, we will pay for the direct expenses of such drying out subject to the applicable Limit of Insurance and deductible for Building or Business Personal Property, whichever applies;
 - (f) Vandalism; or
 - (g) Your failure to use all reasonable means to protect Covered Property from damage following an "accident" or "electronic circuitry impairment".
 - (2) Coverage under this endorsement does not apply to an "accident" or "electronic circuitry impairment" caused by or resulting from:
 - (a) Lightning;
 - (b) Windstorm or hail. However this exclusion does not apply when:
 - i. "Covered equipment" located within a building or structure suffers an "accident" or "electronic circuitry impairment" that results from wind-blown rain, snow, sand or dust; and
 - ii. The building or structure did not first sustain wind or hail damage to its roof or walls through which the rain, snow, sand or dust entered.
 - (c) Smoke; aircraft or vehicles; riot or civil commotion; sprinkler leakage; elevator collision;
 - (d) Breakage of glass; falling objects; weight of snow, ice or sleet; freezing (caused by cold weather); collapse or molten material;
 - (e) A hydrostatic, pneumatic or gas pressure test of any boiler or pressure vessel, or an electrical insulation breakdown test of any type of electrical equipment; or
 - (f) Water or other means used to extinguish a fire.
 - (3) With respect to Business Income, Extra Expense and Service Interruption coverages, we will also not pay for any increase in loss resulting from an agreement between you and your customer or supplier.

- (4) We will not pay for loss, damage or expense caused directly or indirectly by the following, whether or not caused by or resulting from an “accident” or “electronic circuitry impairment”: Any “fungus”, wet rot, dry rot or bacteria, including any presence, growth, proliferation, spread or any activity of “fungus”, wet rot, dry rot or bacteria. This includes, but is not limited to, costs arising from clean up, removal, or abatement of such “fungus”, wet rot, dry rot or bacteria. However, this exclusion does not apply to spoilage of personal property that is “perishable goods”, to the extent that such spoilage is covered under Spoilage coverage.
 - (5) We will not pay for any loss or damage to animals.
 - c. Exclusions b.(2)(a), b.(2)(b), b.(2)(c) and b.(2)(d) above shall not apply if:
 - (1) The excluded cause of loss occurs away from any covered location and causes an electrical surge or other electrical disturbance;
 - (2) Such surge or disturbance is transmitted through utility service transmission lines to the covered location and results in an “accident” or “electronic circuitry impairment”; and
 - (3) The loss, damage or expense caused by such surge or disturbance is not covered elsewhere under the policy.
 - d. Any cause of loss set forth in exclusion b.(2)(d) above that is not a Covered Cause of Loss in this coverage part shall be excluded only as respects Service Interruption coverage.
- 4. **DEFINITIONS**
 The following definitions are added with respect to this endorsement only:
 - a. “Accident”
 - (1) “Accident” means a fortuitous event that causes direct physical damage to “covered equipment”. The event must be one of the following:
 - (a) Mechanical breakdown, including rupture or bursting caused by centrifugal force;
 - (b) Artificially generated electrical current, including electric arcing, that disturbs electrical devices, appliances or wires;
 - (c) Explosion of steam boilers, steam pipes, steam engines or steam turbines owned or leased by you, or operated under your control;
 - (d) Loss or damage to steam boilers, steam pipes, steam engines or steam turbines caused by or resulting from any condition or event inside such equipment; or
 - (e) Loss or damage to hot water boilers or other water heating equipment caused by or resulting from any condition or event inside such boilers or equipment.
 - (2) None of the following is an “accident”:
 - (a) Defect, programming error, programming limitation, computer virus, malicious code, loss of “data”, loss of access, loss of use, loss of functionality or other condition within or involving “data” or “media” of any kind; or
 - (b) Misalignment, miscalibration, tripping off-line, or any condition which can be corrected by resetting, tightening, adjusting or cleaning, or by the performance of maintenance.

However, if an “accident” results, we will pay for the resulting loss, damage or expense caused by that “accident”.
 - b. “Boilers and vessels” means:
 - (1) Any boiler, including attached steam, condensate and feedwater piping; and
 - (2) Any fired or unfired pressure vessel subject to vacuum or internal pressure other than the static pressure of its contents.

This term does not appear elsewhere in this endorsement, but may appear in a “schedule”.

- c. “Cloud computing services” means professional, on-demand, self-service data storage or data processing services provided through the Internet or over telecommunications lines. This includes services known as IaaS (infrastructure as a service), PaaS (platform as a service), SaaS (software as a service) and NaaS (network as a service). This includes business models known as public clouds, community clouds and hybrid clouds. “Cloud computing services” include private clouds if such services are owned and operated by a third party.
- d. “Covered equipment”
 - (1) “Covered equipment” means, unless otherwise specified in a “schedule”, Covered Property:
 - (a) That generates, transmits or utilizes energy; or
 - (b) Which, during normal usage, operates under vacuum or pressure, other than the weight of its contents.“Covered equipment” may utilize conventional design and technology or new or newly commercialized design and technology.
 - (2) None of the following is “covered equipment”:
 - (a) Structure, foundation, cabinet or compartment;
 - (b) Insulating or refractory material;
 - (c) Sewer piping, buried vessels or piping, or piping forming a part of a sprinkler or fire suppression system;
 - (d) Water piping other than boiler feedwater piping, boiler condensate return piping or water piping forming a part of a refrigerating or air conditioning system;
 - (e) “Vehicle” or any equipment mounted on a “vehicle”;
 - (f) Satellite, spacecraft or any equipment mounted on a satellite or spacecraft;
 - (g) Dragline, excavation or construction equipment; or
 - (h) Equipment manufactured by you for sale.
- e. “Data” means information or instructions stored in digital code capable of being processed by machinery.
- f. “Electronic circuitry” means microelectronic components, including but not limited to circuit boards, integrated circuits, computer chips and disk drives.
- g. “Electronic circuitry impairment”
 - (1) “Electronic circuitry impairment” means a fortuitous event involving “electronic circuitry” within “covered equipment” that causes the “covered equipment” to suddenly lose its ability to function as it had been functioning immediately before such event. This definition is subject to the conditions specified in (2), (3) and (4) below.
 - (2) We shall determine that the reasonable and appropriate remedy to restore such “covered equipment’s” ability to function is the replacement of one or more “electronic circuitry” components of the “covered equipment”.
 - (3) The “covered equipment” must be owned or leased by you, or operated under your control.
 - (4) None of the following is an “electronic circuitry impairment”:
 - (a) Any condition that can be reasonably remedied by:
 - i. Normal maintenance, including but not limited to replacing expendable parts, recharging batteries or cleaning;
 - ii. Rebooting, reloading or updating software or firmware; or
 - iii. Providing necessary power or supply.
 - (b) Any condition caused by or related to:

- i. Incompatibility of the “covered equipment” with any software or equipment installed, introduced or networked within the prior 30 days; or
 - ii. Insufficient size, capability or capacity of the “covered equipment”.
- (c) Exposure to adverse environmental conditions, including but not limited to change in temperature or humidity, unless such conditions result in an observable loss of functionality. Loss of warranty shall not be considered an observable loss of functionality.
- h. “Hazardous substance” means any substance that is hazardous to health or has been declared to be hazardous to health by a governmental agency.
- i. “Media” means material on which “data” is recorded, such as solid state drives, hard disks, optical disks, flash drives, magnetic tapes or floppy disks.
- j. “One equipment breakdown” means: If an initial “accident” or “electronic circuitry impairment” causes other “accidents” or “electronic circuitry impairments”, all will be considered “one equipment breakdown”. All “accidents” or “electronic circuitry impairments” that are the result of the same “accident” or “electronic circuitry impairment” will be considered “one equipment breakdown”.
- k. “Perishable goods” means personal property maintained under controlled conditions for its preservation, and susceptible to loss or damage if the controlled conditions change.
- l. “Production machinery” means any machine or apparatus that processes or produces a product intended for eventual sale. This includes all component parts of such machine or apparatus and any other equipment used exclusively with such machine or apparatus. However, “production machinery” does not mean any boiler, or fired or unfired pressure vessel. This term does not appear elsewhere in this endorsement, but may appear in a “schedule”.
- m. “Schedule” means the Equipment Breakdown Coverage Schedule.
- n. “Vehicle” means, as respects this endorsement only, any machine or apparatus that is used for transportation or moves under its own power. “Vehicle” includes, but is not limited to: car, truck, bus, trailer, train, aircraft, watercraft, forklift, bulldozer, tractor or harvester. However, any property that is stationary, permanently installed at a covered location and that receives electrical power from an external power source will not be considered a “vehicle”.

B. The Building and Personal Property Coverage Form is modified as follows.
The definitions stated above also apply to section B. of this endorsement.

1. DEDUCTIBLE

The deductible in the Declarations applies unless a separate Equipment Breakdown deductible is shown in a “schedule”. If a separate Equipment Breakdown deductible is shown, the following applies.

Only as regards Equipment Breakdown Coverage, provision D. DEDUCTIBLE is deleted and replaced with the following:

- a. Deductibles for Each Coverage
 - (1) Unless the “schedule” indicates that your deductible is combined for all coverages, multiple deductibles may apply to any “one equipment breakdown”.
 - (2) We will not pay for loss, damage or expense under any coverage until the amount of the covered loss, damage or expense exceeds the deductible

- amount indicated for that coverage in the “schedule”. We will then pay the amount of loss, damage or expense in excess of the applicable deductible amount, subject to the applicable limit.
- (3) If deductibles vary by type of “covered equipment” and more than one type of “covered equipment” is involved in any “one equipment breakdown”, only the highest deductible for each coverage will apply.
- b. Direct and Indirect Coverages
- (1) Direct Coverages Deductibles and Indirect Coverages Deductibles may be indicated in the “schedule”.
 - (2) Unless more specifically indicated in the “schedule”:
 - (a) Indirect Coverages Deductibles apply to Business Income and Extra Expense loss; and
 - (b) Direct Coverages Deductibles apply to all remaining loss, damage or expense covered by this endorsement.
- c. Application of Deductibles
- (1) Dollar Deductibles

We will not pay for loss, damage or expense resulting from any “one equipment breakdown” until the amount of loss, damage or expense exceeds the applicable deductible shown in the “schedule”. We will then pay the amount of loss, damage or expense in excess of the applicable deductible or deductibles, up to the applicable Limit of Insurance.
 - (2) Time Deductible

If a time deductible is shown in the “schedule”, we will not be liable for any loss occurring during the specified number of hours or days immediately following the “accident” or “electronic circuitry impairment”. If a time deductible is expressed in days, each day shall mean twenty-four consecutive hours.
 - (3) Multiple of Average Daily Value (ADV)

If a deductible is expressed as a number times ADV, that amount will be calculated as follows:

The ADV (Average Daily Value) will be the Business Income (as defined in any Business Income coverage that is part of this policy) that would have been earned during the period of interruption of business had no “accident” or “electronic circuitry impairment” occurred, divided by the number of working days in that period. No reduction shall be made for the Business Income not being earned, or in the number of working days, because of the “accident” or “electronic circuitry impairment” or any other scheduled or unscheduled shutdowns during the period of interruption. The ADV applies to the Business Income value of the entire location, whether or not the loss affects the entire location. If more than one location is included in the valuation of the loss, the ADV will be the combined value of all affected locations. For purposes of this calculation, the period of interruption may not extend beyond the “period of restoration”. The number indicated in the “schedule” will be multiplied by the ADV as determined above. The result shall be used as the applicable deductible.
 - (4) Percentage of Loss Deductibles

If a deductible is expressed as a percentage of loss, we will not be liable for the indicated percentage of the gross amount of loss, damage or expense (prior to any applicable deductible or coinsurance) insured under the applicable coverage. If the dollar amount of such percentage is less than the indicated minimum deductible, the minimum deductible will be the applicable deductible.

2. CONDITIONS

- a. The following conditions are in addition to the Conditions in the Building and Personal Property Coverage Form, the Commercial Property Conditions and the Common Policy Conditions.
- (1) Suspension
Whenever “covered equipment” is found to be in, or exposed to, a dangerous condition, any of our representatives may immediately suspend the insurance against loss from an “accident” or “electronic circuitry impairment” to that “covered equipment”. This can be done by mailing or delivering a written notice of suspension to:
 - (a) Your last known address; or
 - (b) The address where the “covered equipment” is located.Once suspended in this way, your insurance can be reinstated only by an endorsement for that “covered equipment”. If we suspend your insurance, you will get a pro rata refund of premium for that “covered equipment” for the period of suspension. But the suspension will be effective even if we have not yet made or offered a refund.
 - (2) Jurisdictional Inspections
If any property that is “covered equipment” under this endorsement requires inspection to comply with state or municipal boiler and pressure vessel regulations, we agree to perform such inspection on your behalf. We do not warrant that conditions are safe or healthful.
 - (3) Coinsurance
If a coinsurance percentage is shown in a “schedule” for specified coverages, the following condition applies.
We will not pay for the full amount of your loss if the applicable limit is less than the product of the specified coinsurance percentage times the value of the property subject to the coverage at the time of the loss. Instead, we will determine what percentage this calculated product is compared to the applicable limit and apply that percentage to the gross amount of loss. We will then subtract the applicable deductible. The resulting amount, or the applicable limit, is the most we will pay. We will not pay for the remainder of the loss. Coinsurance applies separately to each insured location.
- b. As respects this endorsement only, the Valuation Condition in the Building and Personal Property Coverage Form is deleted and replaced with the following:
Valuation
We will determine the value of Covered Property as follows:
- (1) Except as specified otherwise, our payment for damaged Covered Property will be the smallest of:
 - (a) The cost to repair the damaged property;
 - (b) The cost to replace the damaged property on the same site; or
 - (c) The amount you actually spend that is necessary to repair or replace the damaged property.
 - (2) The amount of our payment will be based on the most cost-effective means to replace the function, capacity and remaining useful life of the damaged property. This may include the use of generic, used or reconditioned parts, equipment or property.
 - (3) Except as described in (4) below, you must pay the extra cost of replacing damaged property with property of a better kind or quality or of a different size or capacity.
 - (4) Environmental, Safety and Efficiency Improvements
If “covered equipment” requires replacement due to an “accident” or “electronic circuitry impairment”, we will pay your additional cost to replace with equipment that is better for the environment, safer for

people or more energy or water efficient than the equipment being replaced. However, we will not pay to increase the size or capacity of the equipment and we will not pay more than 150% of what the cost would have been to replace with like kind and quality. This provision does not apply to the replacement of component parts or to any property to which Actual Cash Value applies and does not increase any of the applicable limits.

- (5) The following property will be valued on an Actual Cash Value basis:
 - (a) Any property that does not currently serve a useful or necessary function for you;
 - (b) Any Covered Property that you do not repair or replace within 24 months after the date of the “accident” or “electronic circuitry impairment”; and
 - (c) Any Covered Property for which Actual Cash Value coverage is specified in a “schedule”.Actual Cash Value includes deductions for depreciation.
- (6) If any one of the following conditions is met, property held for sale by you will be valued at the sales price as if no loss or damage had occurred, less any discounts and expenses that otherwise would have applied:
 - (a) The property was manufactured by you;
 - (b) The sales price of the property is less than the replacement cost of the property; or
 - (c) You are unable to replace the property before its anticipated sale.
- (7) Except as specifically provided for under Data Restoration coverage, “data” and “media” will be valued on the following basis:
 - (a) For mass-produced and commercially available software, at the replacement cost.
 - (b) For all other “data” and “media”, at the cost of blank “media” for reproducing the records. We will not pay for “data” representing financial records based on the face value of such records.

The most we will pay for loss, damage or expense under this endorsement arising from any “one equipment breakdown” is the applicable Limit of Insurance in the Declarations unless otherwise shown in a “schedule”. Coverage provided under this endorsement does not provide an additional amount of insurance.