



2019 Rules and Regulations

Houstonfirst

Award Categories:

1. Local Awards will be given in the following categories:

National Awards: Best Meal
Best Use of Labels
Structural Ingenuity
People's Choice
Most Cans

Local Awards: Juror's Favorite High School
Juror's Favorite Professional
Best Use of Most Needed Items
Best Sign
Honorable Mention

2. Winners in the National Award Category will go on to compete internationally through submission of slides to a national panel of jurors.
3. Cansculptures could win in more than one category.

Materials and Size:

1. Maximum size of the official team that actually builds the cansculpture is six (6) people. **Only five (5) people will be permitted into the build area at one time.** One additional person will be allowed to be in the area opening boxes. Six people must be selected as the official team members. At least one of these six team members should be available at the awards celebration to answer questions about their structure.
2. Maximum structure size is 10 feet long by 10 feet wide by 8 feet tall.
- a. Wall structures between one (1) and six (6) feet must be four (4) cans thick or more. Wall structures between six (6) and eight (8) feet must be five (5) cans thick or more. Wall structures of any height using the offset stack method may or may not use leveling. Where wall structures of any height using the inline stack method must use leveling to keep cans stable.
3. The Houston Food Bank cannot use any food items where the label has been altered, removed, or destroyed, nor can they take damaged cans. In addition, the Houston Food Bank is unable to accept open packages, perishable foods, baby food, pet food, or items with expired dates. Aluminum food cans of all sizes may be used. Cans must be full, unopened, and with labels intact and legible. Some manufacturers are switching to plastic cans. If using plastic, make sure they can take the pressure of cans from above.

Refer to the Houston Food Bank Fact Sheet found on Canstruction-Houston.com/teams for more details regarding Most Needed Items. Your team should consider this roster of food items when designing your structure.

Non-Permissible Items:

- NO glass containers or alcoholic beverages
- NO junk food (e.g. candy, chips, etc.) or pet food
- NO opened, exposed or expired food/beverage
- NO covered, removed or altered can/product labels
- NO empty cans or plastic bottles/containers

Permissible Items:

- Full, unopened, canned food of all sizes with labels intact/unaltered
- Full, unopened, beverage cans of all sizes with labels intact (NO alcoholic beverages)
- Full, unopened, plastic bottles/containers of food/beverage with labels intact/unaltered
- Use of boxes, bags and packets of food is acceptable; however, cans must be used for the majority of the structure

Structures MUST be supported internally and externally by canned food and/or beverage cans between leveling materials.

- Props may be used; however, it is best to solve design problems with food items. (If you must use props, try to make them out of food items such as tea or coffee bags, condiment packets, etc.) Lighting, mirrors, electronic devices are acceptable, but may reduce a structure's chance of winning the International Competition.
 - Boxes and other non-can items are discouraged, but not prohibited. The name of the competition is CANstruction. Jurors prefer to follow the name of the competition and in recent national competitions structures with boxes (unless used for flooring) did not make it through the elimination process.
4. Your structure MUST be structurally self-supporting - foam-core, cardboard, Particle board, MDF, plywood, and plexiglass are limited to **one-quarter inch thick** to serve as leveling materials and not load bearing. Cardboard tubes used as guides must also be limited to one-quarter inch thick. Teams should take into account the affects of humidity, wind, and other environmental conditions within the building. If your team's structure will be close to one of the outer doors, wind considerations should be included in the design of the structure.

Non-Permissible Items:

- NO wood or metal beams, struts, steel tubes or bracing materials
- NO leveling materials (templates) greater than ¼" thick (6mm)
- NO sheet metal, steel plates, Fiberock, or glass
- NO permanent adhesives or bonding process (soldering, etc.)

Permissible Items: (provided they do not damage cans or labels)

- Velcro, magnets, zip-ties, tape, silicone
- Rubber bands, nylon string, wire mesh or wire
- Wood or steel rods, PVC pipe, threaded metal rods
- Leveling materials (templates) not greater than ¼" thick (6mm)
Examples of approved leveling materials are: cardboard, foam core, particle board, MDF, plywood, plexiglass, fiberglass

- Remember to bring plenty of box cutters and scissors.
 - Remember to bring plenty of Trash Bags (all teams are responsible for removing all their trash).
5. Bring **multiple hand dollies** to move your cans (no pallets or pallet jacks allowed inside the building) and a broom to clean up your area after your build is complete.

Acquisition of Canned Goods:

1. Participating teams are responsible for obtaining their own supply of canned goods (with the exception of the high school teams).
2. Teams may solicit donations of canned goods from manufacturers, consultants, or conduct employee food drives. **Refer to the requirements of information needed for the charity's federal tax return for details regarding team sponsor documentation that will need to be submitted.**
3. Cans should be packed in sturdy cartons and labeled with your team name and site number.
4. If arranging for canned goods from an out of town supplier, they must be delivered to your work area during your allotted time. No sidewalk deliveries. All the same labeling requirements are necessary.

5. Team members are responsible for their own deliveries or any supplier deliveries for their team. This includes loading the boxes and cans from vehicles to your work area. All drivers, including drivers that may be coming from a distributor, must know your team's name and build space number at the time of delivery to assist security personnel at the locations.
6. A team member **MUST** be onsite to take delivery of the cans and move them from the vehicles to your designated tenant area.

Can Information

1. The following "Can Information" must be submitted to the Team Liaison via e-mail:
 - a. List of can foods used in the structure (i.e., peas, corn, sweet potatoes, etc.)
 - b. Total number of cans used (i.e., number of cans purchased)
 - c. Total cost, whether purchased or donated
2. Team Captains must turn in to TEAM LIAISON all excess team sponsor funds not used to purchase cans.
3. **High Schools Teams must use only the cans listed on the 2019 HEB Approved Can List for Team Orders.**

Signage

1. **Teams are responsible for providing their own signage. Signs must not be larger than 30x42. ALL SIGNAGE MUST BE DISPLAYED ON AN EASEL. NO CANS MAY BE USED TO SUPPORT SIGNAGE. EASELS TO BE SUPPLIED BY TEAMS AND MUST BE STANDARD BLACK METAL DESIGN. NO WOODEN EASELS ALLOWED.**

Site and Area Assignments:

1. Kick-Off / Site Selection Meeting and Canstruction 101 date and location will be posted on the Canstruction-Houston.com website. It is **Mandatory** for each team should have a representative at the meeting.
2. Position your structure for photography.

Location:

1. Only bottled water may be permitted in the build space area. No food will be permitted in the build area.
2. No alcohol is permitted in the build area or on GRB Property.
3. Please provide floor covering to protect the floor from falling cans. Floor covering must be at least one foot larger than your structure on all sides. For example, a 10' x 10' structure would need a 12' x 12' piece whereas an 8' x 8' structure would need 10' x 10' of protection. Acceptable floor protection includes ¼" Particle board, ¼" pegboard, rubber-backed or non-skid carpet. Contact the Logistics Officer if you have any questions regarding the acceptability of your floor covering. This is required by the Building Landlord.
4. Teams are responsible for leaving their site "broom-clean." Each team is responsible for recycling its own cardboard from the can packaging and the trash from each site.
5. The official Logistics Officer is responsible for insuring that all structures meet safety guidelines. This includes advising of structure stability and has the authority to ask you to tear down and rebuild, if deemed necessary.

Please plan for your team's recycling needs. Please help Canstruction Houston make our event as **GREEN** as possible.

Build Day

1. Cans must be delivered to the Site on **Build Day, prior to Build Commencement. Each team will be assigned their load in time, which will be announced at Site Selection.. Floor protection must be delivered at the time of your cans so the cans can be placed on top of the covering in your space.** Cans will not be allowed on the tenant floor without covering.
2. **Be on time.** The build will start on **Saturday, November 9** promptly at 8:00 am and finish at 4:00 pm. No construction will be allowed before 8:00 am or after 4:00 pm.
3. Floors will be marked with tape designating the build area for each site. Structures must be built within the marked areas.
4. Try to do as much prefabrication of foam core cutting or other special materials you require prior to the build out. If you have a chance to practice building in your office, take that opportunity to lessen surprises at the site.
5. Bring plenty of extra supplies (tape, scissors, foam-core, cardboard, etc.) - over estimate.
6. Bring a ladder if you are building tall.
7. When your cansculpture is completely finished, notify a Logistics Officer to release the team.
8. If a can-structure is not structurally sound, the Logistics Officer has the authority to ask the team to take it down and rebuild (providing there is enough time) or take it down completely. If the decision to take it down, all cans and debris need to be removed from the building and the extra cans be moved to the designated location.
9. If a structure falls, at any time, the team captain will be notified, and asked to remove the cans from its location. The team captain will have **3 hours** from the time of notification to provide a plan for removal of the collapsed structure. For safety reasons, it is imperative any collapsed structure is removed as expeditiously as possible. The team is responsible for taking care of the can-structure, cans and debris. The cans should be taken to the designated location for extra cans.
10. Any team that fails to respond to a fallen structure in accordance with the rules will be issued a Site Restriction Penalty resulting in a \$500 fine, which must be paid prior to the next competition year.

Judging Criteria

1. Judging will occur on Saturday, November 9, 2019.
2. Team members cannot be in the area at the time of judging.
3. Judging is done anonymously. Team Names and Logos on signs must be covered during judging.
4. Judging is based on a point system. Points are awarded based on the following criteria:
 - i. **Optimal Label Usage:** Are the labels used to create details on the structure? Do the labels enhance the structure's overall appearance.
 - ii. **Ingredients:** Does the structure use ingredients that would create a balanced meal? Are all food groups used? (protein, vegetables, etc.)
 - iii. **Innovative Structural Design:** Does this design involve a high level of difficulty? Does the structure appear gravity defying but stable?

- iv. **First Impression:** Is it awe inspiring? Will it create a lasting impression? Does the structure excite or stimulate at first sight?
5. Judges will additionally consider compliance with all Build Out Rules & Regulations. Points will be deducted from the teams final score for violations of the Rules & Regulations.

Photography

1. Professional photographs will be taken of each entry.
2. Winning teams will have their photos taken at the awards presentation.
3. Teams are encouraged to take digital pictures, preferably with high resolution and emailed to info@canstruction-houston.com.

Decanstruction

1. **Sunday, November 17, 7:00 am to 12:00 pm**, each entry must be taken down and packed in boxes provided by the Houston Food Bank for pickup.
2. Each team must provide at least **two team members** for Decanstruction. All team members participating in the Decanstruction must arrive for this event by 7:00 am. Decanstruction goes fast and you are welcome to leave once your structure has been dismantled, moved to the palletizing area, and the Logistics Officer has cleared your team. Your structure space must be returned to a “broom-clean” condition before you are cleared by the Logistics Officer.
3. Volunteers from the Houston Food Bank will be on hand to assist teams in moving cans from their build site to be palletized and onto the waiting trucks. For safety reasons, volunteers will not help disassemble the structures, unless Logistics Officer has deemed it is safe to do so.
4. **Bring multiple hand dollies to move cans from your build site to the food bank trucks. No pallet jacks or pallets are allowed.**