

INDOOR RALLY RULES AND REQUIREMENTS

Effective immediately, the following provisions must be met before an indoor rally will be approved by the Rally Commission.

1. Soap Box Derby is traditionally an outdoor event. Therefore, indoor rallies will only be permitted in the winter months November – March.
2. Indoor rallies must have an adequate indoor facility, which must include the following:
 - A. A total track length of at least 200' plus run out area
 - B. A ceiling height of at least 10' high
 - C. The racing lanes must be 10' wide minimum for each lane for the entire length of the track.
 - D. Racing lanes cannot narrow or funnel down to a smaller lane. Lanes must be uniform for entire length of track.
 - E. Adequate lighting must be available. For example, the equivalent of an outdoor race on an overcast day.
 - F. No post or columns will be permitted between the racing lanes. Nor within 5' of outside limit of each lane.
 - G. Bathroom facilities (men and women) must be provided.
 - H. Facility must be safe for racers and spectators. Racers must be kept on track and spectators kept off track.
 - I. There must be adequate outdoor automobile parking.
 - J. There must be adequate room for the pits indoors.
 - K. Adequate heating must be available to heat the building to a minimum of 55 degrees.
 - L. All posts must be padded to avoid injury to race driver if hit.
3. The building must be clean and have a clean or painted concrete floor or in some cases a linoleum or tile floor.
4. Automobiles will not be permitted inside the building.
5. Smoking will not be permitted inside the building.
6. A request for an indoor rally must be made at least 65 days prior to the race. The Rally Commission will approve or disapprove requests. Upon approval, you will receive a Family Rally Program License Agreement Form for signature and an invoice. As always your signed Family Rally Program License Agreement form and payment in full is due at AASBD headquarters no less than 30 days prior to the rally date.
7. Requests for an indoor rally must include all required items for a normal rally in addition to the following each time you hold an indoor rally even if it is a duplicate of your previous indoor rally:
 - A. Photos of the interior of the building showing the facilities as well as the area that will be the track, ramp area and run out area.
 - B. Photos of the exterior of the building, including auto parking area.
 - C. A complete diagram of the facility including measurements of all distances of the following:
 1. Length of track (200' minimum)
 2. Width of track (10' minimum of each lane)
 3. Ramp and run-out areas – photos & measurements
 4. Pit area – photos & dimensions
 5. Staging area – photos and dimensions
 6. Finish lines
 7. All columns and posts – photos showing padding
 8. Post distance from sides of track
 9. Location of any floor drains or sloped floor areas.
 10. Any other features that may be relevant
8. No oils or lubricants will be allowed in the building. Oils on a smooth floor can cause "slip and falls" and we don't want anyone getting hurt. We also don't want oil stains on facility floors. This can lead to problems and you may not be allowed to use the facility for your next race.
9. No pets, skateboards, scooters, bikes, etc. which may cause distractions or interfere with the race.
10. The track area must be completely sectioned off to prevent someone from wandering onto the track. This can be accomplished with temporary fencing or at least rope-type banners.
11. All posts, columns, or other obstructions around the perimeter of the track must have bumpers around them, such as double hay bales, set 2' - 3' away from the obstruction on the uphill side.

12. Running the cars and/or lanes thru doorways or other openings that are not at least 24' wide and 10' high minimum is prohibited.
13. The Rally Commission would like to see the cars cross the finish line at 10 mph or slightly faster to make it a truly competitive race.
14. In most cases your ramps will be raised higher than normal. This will mean that you must have railings around them to prevent car handlers from falling off. You also must have side rails to prevent cars from driving off the side of the ramp. Ramps must have a non-slip surface.

A point of interest - The Rochester, New York indoor rally (the first of its kind) has the following profile: 200' total length, including ramps; approximately 30' of run-out (after the 200'); ramps are 6 1/2' high and 20' long; the cars cross the finish line approximately 10 mph.

15. In order to assist in setting the standards for future indoor rallies, following the completion of your race you must submit your normal race results to the Rally Commission as well as the following each time you hold an indoor rally even if it is a duplicate of your last indoor rally:
 - A. Speed of cars as they cross the finish line - actual by radar or at least a mathematical estimate.
 - B. Picture of the actual track in use
 - C. Picture of the actual run-out area in use
 - D. Picture of the ramps in use
 - E. Picture of the pit area in use
 - F. Actual length and width of track, ramps and run-out areas as used
 - G. Height of ramp at back, at paddles and also the length of ramp
 - H. Type of floor - concrete, tile, etc.
 - I. Pitch of floor (Was the floor level or sloped. If sloped, which way was it sloped and how much)
 - J. Any and all "problems"
 - K. Any constructive ideas
 - L. Any unusual events
16. All indoor rallies must follow all of the other rules and regulations of the All-American Soap Box Derby for construction, age, rallies, etc. as well as these rules.

When holding a rally you must print out and distribute to all participants and handlers a complete list of Local rules that you may have. You must also determine what penalty would be imposed for each infraction.

17. If you are going to have a tail weight limit, it must be advertised as least 30 days in advance of your race in your flyers/registration forms to participants.
18. If you run any single eliminations races, you must have the charts on display prior to the race so everyone understands how you are going to determine 1st through 8th place. This should also be announced at your driver's meeting.
19. Family Rally Request Forms for indoor rallies must be sent to Lynne at the All-American Soap Box Derby, PO Box 7225, 789 Derby Downs Dr. Akron, OH 44306 a minimum of 65 days prior to your rally date.

In addition, all requests with pictures and diagrams should be sent to the All-American Soap Box Derby PO Box 7225 Akron, Ohio 44306 (no faxes)