

# EVENT SITE REVIEW

## ADVICE, EXPECTATIONS & POLICIES:

**ANNOUNCEMENTS** – PA System will provide limited range. All onsite communication planned to be communicated via the Formula SAE App.

**APP** – The Formula SAE App available for free download from Google Play & Apple App Store for student teams and volunteers use onsite.

**ARRIVAL** – In order to prevent traffic backlogs please do not arrive earlier than schedule event opening times. \*Early Registration and Paddocking will be available Tuesday starting at 5:00 PM. Only EV teams planning to take advantage of Accumulator Inspection should be opening the trailer.

**ASK QUESTIONS** – If you have a question – ask! If you have any questions about any part of the competition, the schedule, the procedures, the Rules or anything else, ask one of the officials. The first place to bring questions is to the staff in the registration area. Rules questions may be presented to the technical inspectors.

**BATTERY DISPOSAL EV TEAMS**– Battery disposal containers will be placed within the EV Charging Area.

**BE ON TIME**- The schedule is available on the app. It is your responsibility to be on time and aware of event schedule changes announced. SAE reserves the right to modify schedule if events are not seeing teams in line.

**BRING YOUR DOCUMENTATION** - When you come to tech inspection bring all the documentation and correspondence connected to your (1) SEF submission, (2) Impact Attenuator Data Report and (3) any Rules Questions you submitted. The inspectors do not have immediate access to this material, and you may need it to answer questions about your vehicle's design and construction. The inspectors want you to pass tech and pass it easily, but they need your help to make that happen.

**COOLING AREAS** – Due to expected hot temperatures onsite, there will be air conditioning provided in a designated office trailer located near Main Tent for public use by all attendees. Main tent and EV tent will also have "air conditioning". Several Porta-cool stations will be located around event site. Teams will also be encouraged to have at least one personal car within their paddock area to have access also for A/C.

**DON'T RUN** – Running tells people there's an emergency. Don't run.

**DRIVER MEETINGS** – Attending all drivers' meetings is mandatory if you are planning to drive. Attendance may be taken; absence will result in no driving.

**DYNAMIC/TECH AREA PASSES** – Each team is issued 4 dynamic passes. You must have a pass to gain access to the dynamic areas as well as tech inspection.

**ELECTRICAL POWER** – There is no electrical power on the site. If you need electrical power, you must bring a generator. There will be power provided in the Electric Charging Area; this serves as the "fuel station" for Electric Teams. The other generators onsite will be used by the organizers and are already dedicated to operations.

**ENTERING AND EXITING THE SITE** – All traffic is to enter and exit designated marked entrance into LVMS Midway Parking lot.

**EVENT CLOSING TIMES** – Each event is assigned an operation start/stop time. It is your responsibility to be on time. Your car must have crossed the starting line by that time, or you cannot run.

**FIRE EXTINGUISHER** – Make sure your team always has one available.

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**GRILLING ONSITE** – Unfortunately, there is **No Grilling** allowed onsite at LVMS. Teams will not be allowed to grill in paddocks or designated area. LVMS will plan to have some concessions available, teams may also go offsite.

**HYDRATION** – With hot temperatures, it will very important all attendees keep hydrated. It is important you drink a lot of water throughout the day, not only drinks like Gatorade or Soda. Balance of water and electrolyte beverage is important. SAE will be providing at registration 4 cases of water to every team to get your team started for the week.

**LUNCHES** – There will be no sponsored meals for student teams this year. LVMS will plan to have some concessions available, teams may also go offsite. All volunteers and sponsors will be provided lunch.

**MASKS** – The COVID-19 restrictions have been lifted for all individuals vaccinated. Masks will not be required if you are vaccinated. All unvaccinated individuals will be required to still wear masks if not social distancing.

**PADDOCKS** – Each team will be assigned roughly a 25' x 75' paddock. Teams may park vehicles and erect tents (only if weighted) and sunshades within their paddock at their discretion. Teams are responsible for keeping their paddock clean and preventing anything from being blown out of the paddock. It is recommended that teams tear down any tents or sunshades nightly.

**Please note: The site will be in an ungated area, but we will have overnight security covering the paddock and tent areas. Still, it is the responsibility of teams, volunteers and sponsors to lock up all belongings.**

**PARKING** – Overflow parking for all attendees will be located in designated parking lot across street from paddocks; adjacent to the dynamic area. Teams will be allowed to fit one personal vehicle in their paddocks if it fits.

**PETS** – \*\*No pets allowed; except certified Guide Dogs.

**PHOTOGRAPHY** – There will be no photography allowed from within the dynamic areas unless escorted by SAE.

**PUSH BAR** – Teams can only move their vehicles with push bar in use.

**REGISTRATION** – Everyone must sign SAE International's liability waivers and receive a wristband, which must be worn at all times throughout the event. Teams should come prepared with completed, printed and signed FastTrack registration forms available under team registration profile on [www.sae.org](http://www.sae.org)

**REMOVING CARS OVERNIGHT** – Removing your car overnight is entirely your decision. If you have passed inspection, you must get Tech approval before removing the car.

**RESTRICTED AREAS**– Any area outside of those designated in event site maps are considered restricted and not part of the event.

**RESTROOMS**– Portable toilets are positioned at convenient locations throughout the site. There will also be access to restroom facilities onsite.

**SECURITY** – Keep your equipment locked up. This is a large site and security cannot be everywhere. Do not leave your tools, computers and other equipment lying around where they could be stolen.

**SCHEDULE** – The schedule is posted online the FSAE App. Site opening and closing times will be adhere to.

**SCORING** – Teams need both RFID tags and Transponders. If previously issued a RFID tag from SAE, teams should bring that to competition. If a team is new or has lost their RFID tag, then notify SAE at student registration.

**SPECTATORS** – Spectators will be prohibited for the 2021 competition season due to COVID safety.

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**SOCIAL MEDIA**– Check out our Facebook Page during the event! <https://www.facebook.com/FormulaSAE>

**TENTS** - Teams are encourage to bring shade for your paddock area. If erecting a tent, you will need to make sure your tent is secured with weights.

**TRASH** – Trash control is critical. You are required to keep your paddock clean and properly dispose of trash in containers or bags. Use the trash containers and trash bags available. Trash bags are always available at the registration/information area.

**WATER** – There is not an accessible source of potable water at FSAE Nevada venue. SAE will be providing at registration 4 cases of water to every team to get your team started for the week. Teams are reminded to bring their own supply for consumption as well. \*It will be your responsibility to stay hydrated.

**WEATHER** – In June, the local weather will be hot, expect temperatures between 100+ degrees Fahrenheit.

- Come prepared with Sunscreen and appropriate clothing to keep you from getting burned.
  - Good suggestions are light weight long sleeves and pants, breathable fabrics and nothing form-fitting.
  - Shorts are not banned but use common sense and protect yourself with layers of sunscreen.
- Shade: Teams are encouraged to bring a tent that must be weighted but also make sure you have shade for drivers waiting in the vehicle.
- Working Onsite:
  - Make sure you have tools and other equipment in shade; they will get hot, and they will burn you.
  - Make sure your team is prepared to work on hot surface; bring knee pads or thick padding to separate you and the ground. It is recommended that you do not sit or lay on the ground. You may be burned.
  - Do not work in closed vehicles or sit in non-air-conditioned vehicles.

**WRISTBANDS** – Wristbands are required of all participants (students and volunteers) as well as spectators to be onsite. Individuals under the age 18 will receive a hand stamp/wristband for entrance permission.

Driver Smartbands will not be used for 2021 competition season.

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## CEREMONIES:

### Welcome Meeting – Main Tent

We will be holding a “Welcome Meeting”. Event Captains who are present will be introduced. All teams, faculty and any volunteers who are present are welcome to attend. The meeting starts at 2:00pm.

### Award Ceremony – Main Tent

The Award Ceremony will occur on Saturday, June 18<sup>th</sup> ~2 hours after completion of Endurance. Awards will be presented for both the IC & Electric Classes.

## CONCESSIONS:

LVMS is working on hosting some onsite concessions for anyone who is interested in purchasing food. The concessions will range in price and options for lunch and snacks.

The hours are TBD

\*If business dictates, concessions may close earlier.

## LUNCHES ONSITE:

**Volunteers** will be provided lunches. These will be delivered to event areas at designated lunch break per schedule. Areas may work through lunch but are not required.

**Teams** will be responsible for providing their own lunches on all days. Teams may bring food onsite however there is no grilling allowed. Teams may also purchase from onsite Concessions.

## RESULTS:

All results will be published on the [mobile.fsaeonline.com](http://mobile.fsaeonline.com) website for the 2021 competition; no paper copies will be posted onsite. Teams can have access to this website via internet, local intranet provided onsite, and the Formula SAE App. Results will be posted in real time with few second delay; teams can submit a “problem report” to dispute their score immediately. Only problem reports submitted before 6PM on day of run event will be considered.

Serious protest should still be consulted with Kaley Zundel.

## SAE DISCRETION:

At any time that the event seems unsafe due to extreme temperatures, SAE reserves the right to cancel or modify the scheduled activities. If scheduled events do not have any lines or see long periods of inactivity for volunteer safety events may close early.

Teams should be ready to run when events are open.

## FIRST AID

All incidents will be covered by EMTs/Ambulance.

First Aid HQ Station onsite will be located under grandstands injured parties may be directed to if needed.

To expedite matters in case of serious accident or injury after-hours, call 911. This number works from all land lines as well as cell phones. It is always free of charge.

\*There will be a trailer designated for "Cooling Station which will be air conditioned for any individual suffering from heat needing to cool down located near Main Tent.

## HOSPITAL

Recommended hospital from LVMS is ~15 miles.

**University Medical Center**  
**1800 W Charleston Blvd**  
**Las Vegas, NV 89102**  
**Phone: 702.383.2000**  
**Open 24 hours**

If injured while onsite, a hospital a patient is transported to depends on the injury and chief complaint

*\*It is your team's responsibility to be aware of closest hospital to team's accommodations.*

# ELECTRIC SHOCK

## WHAT SHOULD I DO IN CASE OF ELECTRIC SHOCK?

- Call for medical help. EMTs are onsite for medical assistance.
- Push one of the emergency shutdown buttons and wait until the TSAL is switched off
- Try to speak with the victim and ask him/her about his/her health
- Insulate yourself if you must move a victim away from a live contact - wear dry gloves or cover your hands with cloth and cover potential contact paths with the car with the HV isolation blanket. Watch your footing to make sure that you do not slip or fall when trying to move the victim.
- Do not move the victim if there is a possibility of neck or spinal injuries unless it is necessary (for example from a path of live current).
- Cover burns with a sterile dressing. On the surface, electrical burns may not look serious, but the burn can be severe deeper in the tissue.
- Keep the victim comfortable, warm and at rest, and monitor breathing.

\*Fire and Safety Personnel onsite should be first responders to the situation. EMTs are onsite for medical care.

## CONTACT INFORMATION

Main Tent is the central contact point for teams and volunteers regarding all issues concerning the event and will be staffed by SAE Staff and/or volunteers with radios and contact list.

Provides:

- Information point for all competitors
- Contact interface to the officials
- Registration of all team members
- Distribution of all event materials and swag

The Official Announcer (if secured) will be always in the Main Tent as competition is in progress.

Provides:

- Assistance can be made by the announcer for teams requesting parts, tools and assistance.
- Lost and Found

SAE OFFICIALS:

Kaley Zundel, Manager, Collegiate Design Series

412-719-2865

# RESTRICTED AREAS & ACCESS

**DYNAMIC AREA & DYNAMIC AREA ACCESS:** At Formula SAE the “dynamic area” is one of the “restricted areas” and is defined as any part of the competition site where cars are running under power and on all four tires. The “dynamic area” includes the following parts of the site:

- Brake test area
- Courses
- Event queues and surrounding areas
- Noise test area
- Practice track

The dynamic area is considered highly restricted and may only be accessed by individuals with the proper credentials: (1) dynamic area pass and (2) a wristband as follows:

- **COMPETITOR:** Access limited to times the dynamic area gate is open – Must have a dynamic area pass and entering with vehicle or have vehicle in queue.
- **EVENT CREW WITH DYNAMIC AREA PASS:** Access limited to times the dynamic area gate is open -- Must have a dynamic area pass AND be assigned to work the dynamic area.
- **Note:** Scorekeeping crew may access the dynamic event site at any time to install timing/scoring equipment.
- **FACULTY:** Access limited to times the dynamic area gate is open – Must have a dynamic area pass. Faculty must use one of their team’s passes.
- **MEDIA:** Access limited to times the dynamic area gate is open. Notes (1) Photographers and video crews must have a spotter. (2) Media, photographers, video crews and spotters must have dynamic area passes. (SAE staff are responsible for all media access.)
- **OFFICIAL/ORGANIZER:** All area access at all times
- **VIP/SPONSORS:** VIPS/Sponsors are not permitted in the dynamic area unless escorted by SAE staff and will not be issued dynamic passes.

**DYNAMIC AREA PASSES:** Access to the dynamic event area is limited to 4 people per team, including drivers and faculty, and each team is issued four (4) dynamic area passes. To gain access to the dynamic event area team members, including drivers, must wear and display (1) a dynamic area pass, and (2) a plastic wrist band. Team dynamic area passes may be shared with faculty advisors.

Faculty advisors are not issued separate dynamic area passes but may use one of the 4 passes issued to their team.

Official Translators are issued separate dynamic event passes.

Dynamic area passes are also issued to organizers, event crew working that area, staff and other people needing access to the area.

## Paddock Area Access

**Paddock** – The “paddock” is the section of the event site where the teams set up their work site and park their transporters. Individual paddock spaces will be assigned by the organizers.

If you are in the paddock, keep in mind that teams may be pushing their vehicles through the aisle ways and power tools may be in use.

Be aware of what is going on around you and use common sense.

Closed toed shoes are required.

Team Paddock assignment list can be found on the Formula SAE App.

Paddock Rules for participating teams can also be found on the Formula SAE App. Any team found in violation of paddock rules will be subject to consequences.