

ADVISORIES

Code of Conduct – The Robotic Mining Competition is a NASA event and shall be held in a professional and positive environment. Competitors shall be courteous, professional and conduct themselves with the professional integrity required by this event. Behavior inconsistent with this philosophy (e.g. profanity, pranks, safety violations, deception to circumvent rules/regulations) will not be tolerated and shall be grounds for assessment of penalty points and/or disqualification from the Competition.

Disputes – Disputes shall be forwarded to the Robotic Mining Competition Project Manager for resolution. The decision of the Project Manager is final.

Emergency Procedure – Use the Buddy System:

- ✚ If you see someone in distress or injured, have someone stay with the distressed party and then report it immediately to the RoboPit Chief, Arena Chief, Volunteers or Volunteer Coordinator.
- ✚ If you see something suspicious, say something immediately to the RoboPit Chief, Arena Chief, Volunteers or Volunteer Coordinator.

OR CALL

✚ NASA / KSC 911 Emergency ----- 321.867.7911

✚ KSC Visitor Complex Emergency Support ----- 321.449.4334

GO WITH YOUR GUT FEELING

Eyewash, Hand Wash Stations & Water Dispensers – Emergency eyewash stations, hand wash stations and water dispensers are located in the RoboPits, Bot Shop and both the PPE side and HEPA-Vac side of the Competition Arenas.

Personal Protection – Remember to have hats, sunglasses, insect repellent, sunscreen (SPF 50 or better) and a raincoat / poncho on hand for the Competition AND REMEMBER TO STAY HYDRATED - DRINK PLENTY OF WATER.

Questions – Submit inquiries to:
KSC-Robotic-Mining-Competition@mail.nasa.gov

Respiratory – The Black Point-1 (BP-1) Lunar / Martian Basaltic Regolith Simulant used in the competition contains a small percentage of crystalline silica which is a respiratory hazard. All participants must use respiratory protection when required to prevent dust inhalation. Respiratory protection must be used in accordance with the manufacturer's operating instructions. Without exception, use of N-95 masks and/or tight fitting negative pressure respirators will require a clean shaven face, no facial hair shall be in contact with any part of the mask/respirator in order to maintain the seal.

Skin – (BP-1) is crushed lava basalt aggregate with a natural particle size distribution similar to that of lunar soil. BP-1 is alkaline and may cause skin and eye irritation. All personnel should avoid contact with BP-1 and use appropriate skin and eye protection when performing tasks (such as handling dusty robots) where they may be exposed to BP-1.

Unmanned Aerial Vehicles (UAV), Unmanned Aerial Systems (UAS) – The use of Unmanned Aircraft Systems (Drones) are prohibited at the Kennedy Space Center Visitor Complex under all circumstances. If any member of the team is caught on KSCVC property with these types of items, the item will be confiscated and you will be removed from the KSCVC. The UAV/UAS will not be returned.

Weather and Lightning Conditions – You and your off-world mining robots will be exposed to the Florida weather so be prepared for heat, humidity, rain and remember to bring a rain cover (approx. 1.5 m x 1.5 m) and tie downs for your robot. Plan for weather when transitioning between the RoboPits (inside temperature approximately 24°C) and the Caterpillar Competition Arenas (outside temperature averaging 32°C & 95% humidity). Florida is the Lightning Capitol, lightning phases are based on distance broken out as the following conditions and actions.

- Phase I Condition – prepare to close down the Competition Arena and seek shelter.
- Phase II Condition – close down and seek shelter and wait for “All Clear” before going outside