



## Startup Service for Gas Detection Systems

### To prepare for start-up service:

- Properly mount and wire controllers and sensors in their intended locations per manufacturer recommendations.
- Land power and ensure that it is ready to be switched on.
- Properly land and label both ends of all wiring to and from the control panel(s) and associated equipment.

### The startup service includes:

- Factory trained technician on-site (includes all travel expenses to continental United States only).
- Verify relay wiring at control panel and expansion packs.
- Make sure all wires are terminated correctly.
- Apply power and verify communication.
- Test intended output functions for instantaneous setpoints when operations allow.
- Bump-check sensors landed to Brasch control panels.
- Field recommended fine tuning when applicable.
- Visual inspection for integrity, marketability, and function.
- Label all calibrated equipment.
- Log commissioning visit.
- Confirm set points programmed per plans.
- Work with plant personnel to ensure each location is functioning per the latest codes or standards.
- Record serial numbers and locations of all pieces of Brasch equipment.
- Train site personnel on proper equipment usage.



### During start-up service, the technician will need:

- Desired alarm setpoints and respective output functions.
- A schematic or real-time guidance by approved personnel providing output landing locations to the Brasch control panel.
- Plant personnel to power on/off equipment.
- Plant personnel to restart/bypass critical shutdown functions as required.
- Access to sensor locations. Equipment rental is not included in the startup service price.



### Confidence Guarantee

- Let us give you confidence and peace of mind with professionally executed and documented gas detection commissioning service.
- Our experience, focus, and credentials assure plant owners, insurance underwriters, and inspectors that your safety equipment is functioning at the highest level possible.