



HMC INSTRUMENTATION & CONTROLS

Control Panel Design Manufacturing Programming & Testing

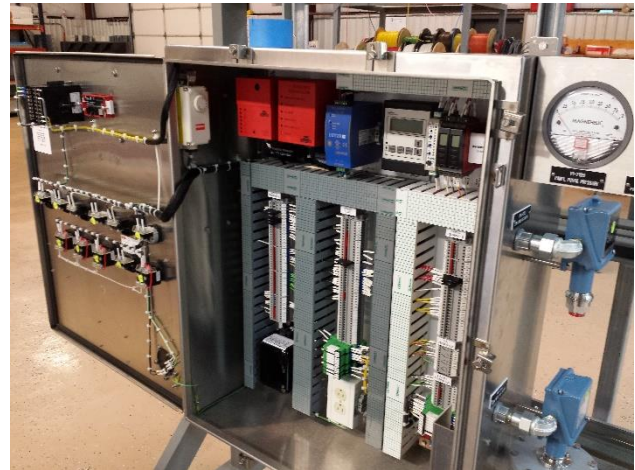
Ph. 832-252-9280 17535 Huffmeister Road, Cypress, Texas 77429

We have the following UL Listing capabilities:

UL 508 for General Purpose Control Panels.

UL for Explosion-proof and Purged Enclosures.

UL 698 for Hazardous Location Panels with Intrinsic Safe Circuits.



ATEX certified UL certified

Our team specializes in providing UL explosion-proof (NEMA 7, ATEX, IEC Ex) and stainless steel UL Type 4x, NEMA 4X) panels for hazardous locations and corrosive environments.

Our product solutions include panel with main breakers, main lug only (MLO), and fusible disconnects. Panels can be made according to UL standards, National Electric Code (NEC), or IEC standards. HMC is also capable of building per UL 508a (Category NITX), NNNY hazardous-locations for UL Class I Division I & II. WE have ATEX solutions for CE Marking and 5 KV IEC Ex Type Z purge solutions. Our team will work with your team to achieve the project goals.

HMC has been designing and building custom control panels for over 8 years and consistently provides quality products and services to our many satisfied customers. From design to assembly to programming and testing we have a staff that is highly knowledgeable and a facility that supports successful control panel building projects.

We are Control Panel Experts

We carry in stock a large variety of parts to pull from or we can accommodate you if have your own parts or want to purchase parts and have them delivered to us. Your parts are always kept in a designated area arranged neatly and always stored securely. Parts that are ready to be used during construction are clearly marked and stored in an area designated only for the related project.

Testing

All panels fabricated by HMC undergo a detailed, documented Panel Checkout Procedure developed specifically for each panel. To assure that your panel matches its specifications perfectly, we have a 65 point QA checklist and every control panel is hot tested before delivery. All PLC output points and hardwired circuits are hot verified. All high voltage circuits are checked for continuity and ground faults.

Panel Quality Assurance Checkouts include, but are not limited to:

Panel power-up and fusing testing, Wire continuity testing,

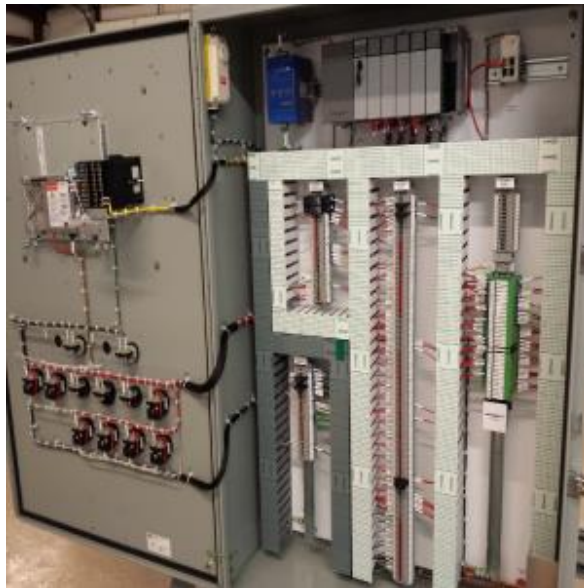
I/O simulation, Operator Interface verification,

Terminal torque testing, Nameplate and wire tagging verification.

Other testing as required for complete functionality 100% testing.

Instrument set up and calibration, Device Simulation

Custom Control Panels



Services

- PLC Programming,
- PLC Panel repair
- PLC Panel Testing
- EX Panel Builds
- Atex Panel Turnkey
- UL Panel Turnkey
- Maintenance & Repairs
- Trouble Shooting
- Control Panel Assembly
- Consulting
- Start up
- Installation & commissioning

Quality

Redundant quality checks are incorporated throughout the design and manufacturing process, from design to fabrication to programming to integration to project management to commissioning - HMC makes sure that every step is of the highest quality workmanship and of the highest quality components.

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– *Safety Quality Teamwork*