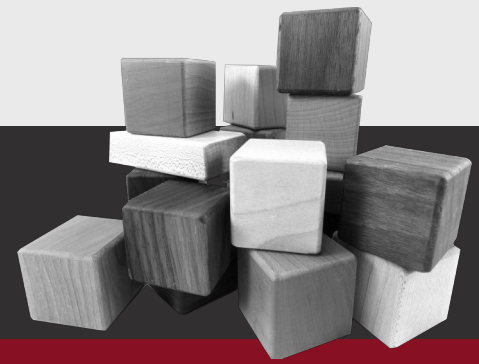


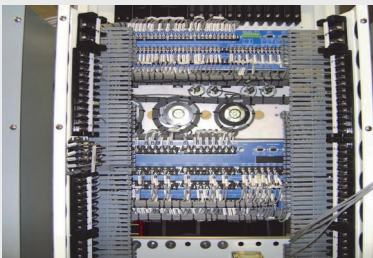


ProCom



Building on a tradition of success

www.mmrgrp.com



We offer value-added expertise on both ends of the customary engineering, procurement and construction process. Engineering assistance and pre-construction planning and capabilities are provided as early as the front-end engineering design stage. Construction completion work is delivered by cost efficiently expediting a resolution and closure of punch list items when general contractors are approaching the end of bulk construction.

MMR's ProCom Division is in charge of pre-commissioning, commissioning and start-up services to ensure our clients accomplish a seamless transition from facilities construction into stable and reliable operation.

MMR has served as the industry leader in electrical, instrumentation and technical services for over 50 years.

With over 20 offices strategically located throughout North and South America, our personnel, quality control, on-time performance and commitment to safety is second to none.

We strive to provide our clients with exceptional value and the highest level of service and quality, while completing projects in the safest and most efficient manner possible.

We invite you to experience the MMR tradition.

## SERVICES

### Pre-Commissioning

- Verifications
- Inspections
- Preparations
- Testing of systems & components:
  - Hydro-testing
  - Flushing
  - Chemical cleaning
  - Catalyst loading
  - Steam blowing
  - Instrument loop-checking
  - Punch-listing

### Commissioning

- Integrated systems testing
- Emergency shutdowns
- Hot adjustments
- Operational & maintenance procedures
- Training
- LO/TO
- Valves & blinds isolation
- Leak testing
- Refractory & catalysts preparation & curing
- Inertization

### Start-Up Assistance

- MMR ProCom provides support and assistance during the "oil-in" phase of a project for best in class feed-in, on-spec product, operational stabilization and feed rate ramp-up to nominal capacity. This includes performance and guarantee testing.



MMR ProCom  
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