

OUR SERVICES



PROCESS ENGINEERING

- REVAMP PROJECTS
- FEASIBILITY STUDIES
- DESIGN REVIEW
- TECHNICAL BID EVALUATION
- BASIC DESIGN
- STEADY STATE SIMULATION
- AS-BUILT DOCUMENTATION
- FEED FOR UTILITY SYSTEMS & REVAMPS



RISK & SAFETY

- HAZID / HAZOP
- IPF / LOPA / SIL
- FERA / QRA / NPHA
- EERA / ESSA / TRIA / SGIA
- CA / MOPO / SIMOPS
- ALARP DEMONSTRATION
- HSE CASE
- THERMAL RADIATION STUDY
- GAS DISPERSION STUDY
- PLUME STUDY
- CFD STUDIES FOR FIRE & EXPLOSION MODELING



PROCESS SAFETY MANAGEMENT

- PSI
- PHA
- MOC
- PSSR
- SCE – PS DEVELOPMENT
- EMERGENCY RESPONSE
- COMPLIANCE AUDITS
- OPERATIONAL PROCEDURES



PROCESS OPTIMIZATION

- DYNAMIC SIMULATION
- PLANT MODELS
- OPERATOR TRAINING SIMULATORS
- ENERGY AUDITS
- PERFORMANCE AUDITS
- FLOW ASSURANCE
- ADVANCED PROCESS CONTROL



INDUSTRIAL R & D

- HYDRAULIC SYSTEMS
- CARBON COMPOSITES DEVELOPMENT
- HYDROGEN ELECTROLYSER
- HYDROGEN FUEL CELLS
- HYDROGEN AS FUEL IN STEEL MAKING



RAIL / METRO

- INDEPENDENT SOFTWARE ASSESSMENT
- VERIFICATION & VALIDATION
- SYSTEM ASSURANCE
- RAMS
- SIL CERTIFICATION



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