



DUE DILIGENCE

ZAP WILL HELP YOU IN PROTECTING YOUR FINANCIAL INVESTMENTS WHEN ACQUIRING NEW ASSETS

Have ZAP Engineering help in protecting your financial investments.

Due diligence when acquiring new assets provides our clients with the knowledge and support needed to make sound business decisions. ZAP utilizes a hands-on approach to produce an all-inclusive report encompassing safety, environmental, and throughput factors required when evaluating assets. Our multi-disciplined team of engineers (process, mechanical, structural, electrical and controls) will identify potential risks and provide cost impacts for mitigating those risks.



DOCUMENTATION

All due diligence projects require a thorough vetting of the facilities current document infrastructure. ZAP will investigate all documentation and determine if the relevant information is adequate. If deemed not acceptable, a site visit will follow to gather all missing information or create As-Built documents required for a process simulation. All the while, ZAP's engineers will take note of any potential structural overstress, thermal piping issues and overall site conditions that could play a role in negotiations.

PROCESS DRIVEN

Matching the facilities process with ZAP's simulation is key to recognizing any viable issues within current operations. ZAP compares the equipment nameplate data with actual throughput values to detect problems within the current process, and what steps are needed to fully optimize the existing facility. All equipment will be investigated accordingly to ensure there are no deficiencies.

DUE DILIGENCE REPORT

Once all information has been collected, ZAP will provide a report signifying a full site analysis of all equipment and process. Within this report we include all of our findings including:

- Process Simulation
- Arc flash report
- Network architecture
- General code compliance (electrical and structural)
- Structural over-stress documentation
- Lists of general components for all disciplines and accessibility to replacements
- Estimated costs for any needed repairs or optimization updates
- Additional client specific requests
- Review meeting to discuss report and expand on any questions

COMMERCIAL INQUIRIES

Shane Wilson

wilsons@zapecs.com

720.644.3370

Evan Anundsen

anundsena@zapecs.com

303.656.4829

TECHNICAL INQUIRIES

Frank Lousberg

lousbergf@zapecs.com

303.565.5535

