



SERVICES CAPABILITY STATEMENT

Commissioning

“WHILST YOUR CONSTRUCTION COMPANY MAY HAVE COMPLETED THE INSTALLATION PRECISELY TO YOUR REQUIREMENTS, IT’S ALWAYS A GOOD IDEA TO ENGAGE AN OUTSIDE SOURCE FOR THE COMMISSIONING PROCESS.”

AT SLADE INDUSTRIES WE ARE SPECIALISED IN COMMISSIONING AND DEDICATED ENTIRELY TO THE COMMISSIONING PROCESS.

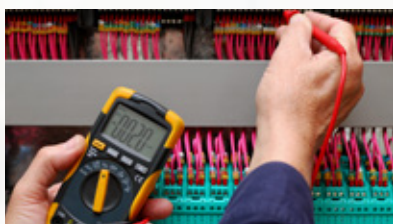
We hate to blend in with the crowd so to set us apart we have developed paperless documentation tools to improve our speed, accuracy and quality. Thus reducing administrative tasks and improving data quality in the commissioning documentation process. Our trained and experienced commissioning personnel are hand selected solely for their commissioning experience and capabilities further ensuring the quality of our work and, at the end of it all, we provide complete and comprehensive handover documentation for Operational Readiness.

“ AT SLADE INDUSTRIES WE PRIDE OURSELVES ON THE KNOWLEDGE THAT WE FULLY COMPREHEND OUR CLIENT'S NEEDS AND STRIVE TO FULFIL THEM AT EVERY TURN. ”

COMMISSIONING

DO THE WORDS COST CONTROL, COMPLETION, QUALITY AND SPECIFICATION SATISFACTION MEAN ANYTHING TO YOU?

WE THOUGHT SO.



At Slade Industries we pride ourselves on the knowledge that we fully comprehend our client's needs and strive to fulfil them at every turn. We operate on the understanding that it is impossible to successfully complete a project if you don't have a clear grasp of its specifications. That's why we go to such lengths to identify not only the specifications of the project but also the potential issues so we are able to sufficiently prepare beforehand to better ensure the success of the commissioning phase.

Did you say 'potential problems'?

Yes we did, but we also said the seven magic words, 'Ensure the success of the commissioning phase.' How do we do that? To ensure the commissioning phase is completed prior to Operational Readiness and to your specifications, it is mandatory that the construction phase be finished at Practical Completion. If installation is not complete at Practical Completion then the time allocated to commissioning is drastically reduced, thus putting unnecessary pressure on the commissioning company to finish their portion of the project within a smaller timeframe and potentially reducing the quality of the work and the ability of the plant.

With projects of this magnitude everything that can be done to reduce risk, should be done. That's where we come in. The best way to reduce risk is to employ a dedicated commissioning company such as ourselves to keep the installation company's focus on the practical completion date therefore avoiding schedule overruns. In addition to this strategy, Slade Industries are able to get involved in pre-commissioning to work as a team with the installation company ensuring the practical completion is on time and any and all foreseeable problems are dealt with well in advance so as not to delay progress.

Now that we've determined the strategies, it's time to let us put them in place.

Let's get technical

At Slade Industries we follow a 5 step methodology for the successful commissioning of a plant or facility from C1 to C5.

At the C1 Phase:

1. Mechanical completion
2. De-energised
3. Contractor and/or suppliers and construction team

At the C2 Phase:

1. Practical completion
2. De-energised
3. Suppliers (vendors) and commissioning team
4. Installation verification (QA)
5. Construction punch listing
6. Field Inspection Checks (FIC)

At the C3 Phase:

1. Cold/Dry commissioning
2. Energised under permit
3. Commissioning Team and System Engineers
4. Calibrations, Loop Tests and Bump Testing
5. Inspection Test Procedures (ITP)

At the C4 Phase:

1. Hot/Wet commissioning
2. Energised under permit
3. Commissioning Team, System and Process Engineers
4. Functionality and sequence testing
5. ITP's and reports (ITR)

Lastly, the C5 Phase:

1. Performance testing, acceptance and handover
2. Energised
3. Commissioning Team, System and Process Engineers, Owners Team
4. Production build-up and optimisation
5. Documentation



“ YOU CAN REST EASY KNOWING EACH OF THE STEPS IN OUR METHODOLOGY WILL BE SUCCESSFULLY COMPLETED BECAUSE WE ARE HIGHLY QUALIFIED SPECIALISTS WITH OVER 30 YEARS OF EXPERIENCE IN THE COMMISSIONING OF ELECTRICAL, INSTRUMENTATION AND PROCESS CONTROL SYSTEMS. ”

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