

QA/QC

OUR APPROACH TO AN ACTIVE QA/QC ROLE PROVIDING ADDED VALUE



BRIEFING

QA/QC assignments start with getting an overview of turnaround objectives and critical areas



FIELD ACTIVITIES

Our Engineers support the field activities defending the customer's interest. Focus typically on HSE, quality, schedule and cost



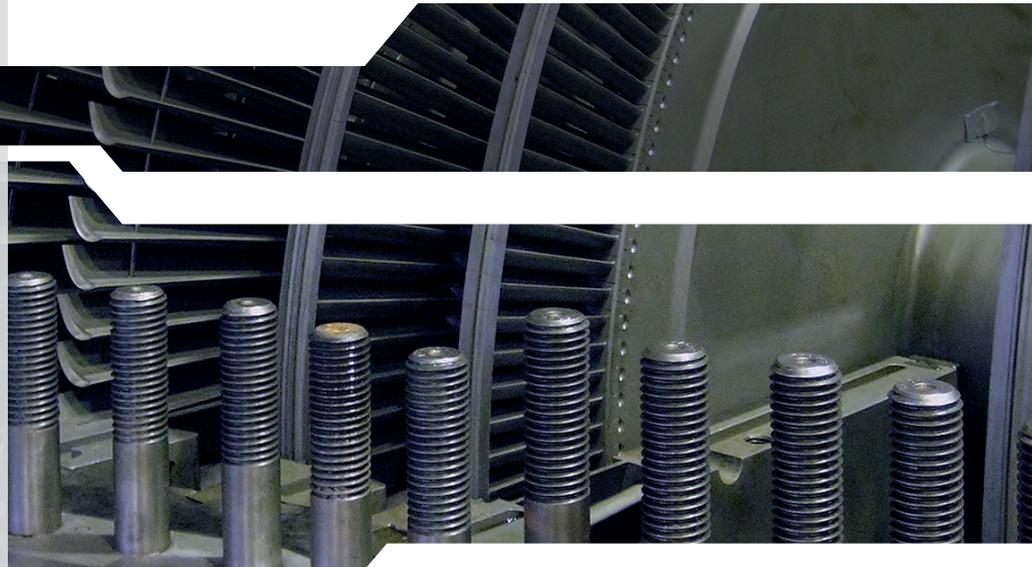
INDEPENDENT EXPERTISE

Unplanned situations are part of most turnarounds. This is the moment when AST Turbo contributes with expertise and provides added value.



DE-BRIEFING

The end of the project is usually the start of the next cycle. We support your continuous improvement process with our independent feedback and support.



3 reasons you benefit by engaging AST Turbo

The way AST Turbo interprets the active QA/QC role provides much more value to your project than just inspectors. AST Turbo offers you rotating equipment experts that support you with experience from a multitude of events all with their specific circumstances and causes. Our experts take a pro-active role and step in before critical situations arise. These may be related to Quality but also HSE, schedule and cost.

Reason 1 - Expertise on site

Turnarounds are typically events which impose significant extra work to any organization. This results in limited resources on the ground when they are really needed the most. Thousands of decisions need to be made right on the spot to avoid potential trouble during start-up. Areas that may be considered as basic and under control may suddenly escalate during the event. Questions may be as simple as: 'Is this the right sealant to apply?' or more demanding: 'Is this new bearing fit for service?' These need to be answered on the spot to avoid delays. Your AST Turbo Engineers support you in finding proven solutions right when unforeseen need arises.

Reason 2 - Cost effective Independence

You may overhaul equipment from various OEMs during a single event. To fly-in reps from each vendor may not be economically viable. OEM reps may also not be so independent when reviewing equipment issues or even decline to service other equipment.

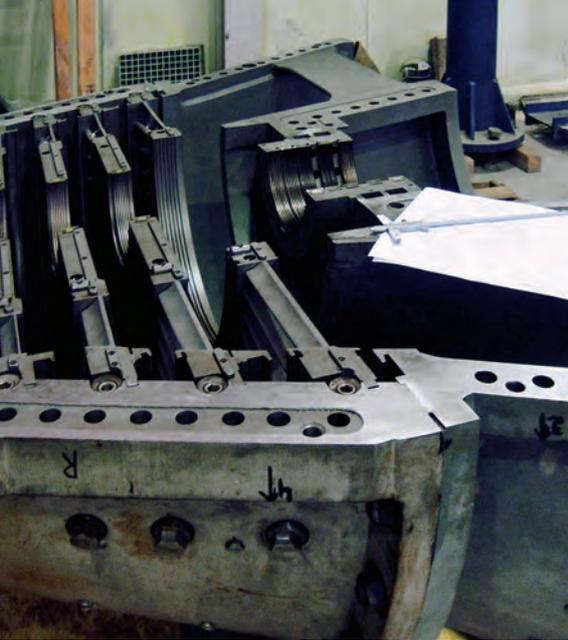
AST Turbo Engineers support you on a wide range of equipment of most brands and provide you with experience from installations around the globe.

Your documentation may not always be perfect and information may not be readily available. Our engineers are equipped with a considerable database of information and reason based on physical laws and standard engineering practices.

Reason 3 - Continuous Improvement

Continuous Improvement is part of our culture at AST Turbo. We aim to improve processes before flaws occur. These may be small things regarding how we handle things efficiently but may involve major process changes to avoid exposure to unnecessary risk, delays or incidents. Our experience is unparalleled from hundreds of turnaround and installation projects. Our system in sharing this experience between our Engineers is unique. Our best practice program is brought to your turnaround with our Engineers, every time, on time.





BRIEFING

QA/QC assignments start with getting an overview of the quality objectives of the turnaround. Heavily intertwined are HSE, schedule and cost aspects. They all need to be looked at and the planned accordingly.

Once our engineers have a good picture of look at the critical areas and bottlenecks the activities can start and the plan executed.



FIELD ACTIVITIES

Our Engineers support the field activities defending the interests of our customer. While the one key activity is to ensure all equipment is inspected thoroughly and re-assembled properly and equal focus is on HSE, schedule cost.

They pro-actively support the efforts whenever requested or deemed beneficial for the process. You can count on our approach to support with practical solutions addressing the issues ensuring long lasting reliability of your overhauled equipment.



INDEPENDENT EXPERTISE

Unplanned situations are part of most turnarounds. Mechanical components may deteriorate over time or there is uncertainty whether parts can keep on running for another period. This are moment when AST Turbo contribute with expertise and when the added values comes in. They can support your risk analysis backed with engineering background combined with experience from other sites. Having independent expertise is important during turnarounds to make correct decisions on the spot to avoid unnecessary budget and/or schedule overruns.



DE-BRIEFING

The end of the project is usually the start of the next maintenance cycle. Our engineers issue modular report that are easy to understand but at the same time detailed enough to highlight the areas for potential improvements.

We also support your continuous improvement process with our independent feedback and support. We deliver best practices and productivity tools you can chose to apply for you next turnaround. The ultimate goal, to make the next event even easier.



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