



An energetic and independent organisation established in 1987. Active as the Perfect Group since 2004. Specialised to collaborate with you to improve the performance of your production company in a practical manner.

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Perfect Process Control transcends automation

Plant Optimisation entails more than optimising organisations, work processes and production processes. Plant Process Control, a component of Plant Optimisation, has a far-reaching effect on the way in which production organisations will be organised in the future.

The Perfect Group recognises this intensive development and considers it of eminent significance. Perfect Process Control is our reaction to this. Data gains a new dimension. The primary role of controlling and steering the production process exceeds the limits of the system. How is process data linked to management information systems? How do we see to it that this data is consistent? Not only availability and reliability play a role, but also accuracy, traceability and reproducibility are significant and indeed vital components of this consistency.

Perfect Process Control is familiar with both the process side and the management side, helping organisations integrate the specified systems into the operational strategies of a plant. Such matters as maintenance, upgrades, migrations and contract management are included in these sectors.

In this way Perfect Process Control makes the process control system reach further than automation alone, indeed making it part of the overall plant performance optimisation strategy.

YOUR
PLANT
PERFORMANCE
PARTNER



Added value

The Perfect Group is a professional knowledge organisation that creates added value for capital-intensive production companies thanks to its specialised knowledge in the realm of plant performance. We do this based on our clear, integral perspective on technology, organisation, processes and the role of man in these areas.

Perfect Insight is the knowledge component of our organisation and possesses specialised knowledge in the field of organisation and technology. Perfect Insight adds value by means of advice and implementation in the production and maintenance organisation of its clients. Where necessary Perfect Insight handles the instruction, training and coaching of personnel.

Successful collaboration between Perfect Insight and MainTasc led to a logical subsequent step: the establishment of Perfect MainTasc in 2009. The core competencies of Perfect MainTasc are turn around management and project management. Its added value focuses on limiting costs and above all limiting production loss during industrial turn arounds and realising defined project goals, of course all in accordance with the framework conditions of HESQ.

Perfect Process Control integrates the process side and the management side of the control systems in the operational strategies of a plant.

Perfect Match fulfils the resource side of the Perfect Group. In the specified knowledge areas of the Perfect Group, Perfect Match handles secondment, recruitment and the selection of high-level technical specialists.

www.perfact-group.com

A perfect partner that belongs to the crème de la crème

The world is growing smaller, and when it comes to best practices, reputable benchmarks are available for comparing one's performance with that of the crème de la crème. Perfect MainTasc need certainly not evade such comparison.

A renowned chemical giant had problems with a column, the wall thickness of which was getting less due to an erroneous choice of material. However, replacing part of a column is not exactly a piece of cake. By using a different material it was possible to prefabricate a large portion of the column, including the piping and insulation, so that during a complex shutdown the entire unit could be replaced integrally.

In view of the fact that this not everyday project absolutely overflowed with challenges, it was a perfect job to use as a benchmark in comparison with the crème de la crème. The audit, carried out by an authority in the field, resulted in a fantastic final report. One of the conclusions was that a

state-of-the-art planning team had to have been behind this definite triumph.

This is why we are proud of such statements as "Schedule development is per industry best practices with no major risk areas..." and "The planning organisation is qualified and exhibits all of the necessary leadership capabilities" as well as being more than pleased with the "congratulations" at the end of the report.

In short, Perfect MainTasc is a global player in the area of best practices and leadership, a player that belongs to the crème de la crème.

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Lost Opportunities distinguish the wheat from the chaff in the German rubber industry

Not working harder, but working smarter is our creed. A down-shifted production process can mean accelerated productivity. A statement that might sound contradictory, but that reality proves is not. Albert Einstein knew it. If you search where others have searched before, you should not

be surprised if you find what the others found. If you want to find something new, you must extend your boundaries and dare to think outside the box.

During a Perfect Insight workshop, managers search where they have never searched before. This yields a new perspective for potential improvement. The same applies to a rubber tycoon in the German Ruhr region. From such a new perspective, the potential for improvement was assessed and the route toward it delineated.

Clear lines, clear-cut responsibilities and new work process components are specified with goals in the form of Critical Performance Indicators (CPIs) which, of course, are closely aligned with general company objectives. With clear gatekeeping, the maintenance regime shifted from fire fighting to fire prevention. Not long after the introduction, maintenance costs dropped by 20% and a clearly positive effect

on installation availability and reliability was seen. This, in its turn, resulted in decreased quality deviation and a lower rework quota.

Various optimisation rounds were performed in production, as well. The most important area of attention was the introduction of a lost opportunity registration system. After a meticulous analysis, proposals for improvement were elaborated, compared with economic significance, and after approval by the management team the improvements were implemented and capitalised. By banning blind experimentation, yes, indeed, the hobby of many a production employee, risks were managed and hidden opportunities visualised. Perfect Insight helps its clients uncover their talents and, above all, convert them into distinguishing capacity.

Prediction is difficult, particularly if it concerns the future

Can a different turn around strategy, without compromises in terms of safety and the environment, lead to systematic and predictable quality upgrades, cost reductions and increased delivery reliability?

Perfect Insight demonstrates that this is possible, time and time again. Its clients, international chemical giants, are assisted in the preparation and implementation of several-year strategies. Thus both short and long-term goals are formulated and realised in close collaboration, in a structured and transparent manner.

So do we set different goals? Of course our goals in the realm of safety and the environment remain as ambitious as ever. Goals in the context of prediction, thinking before the act instead of afterward, are often quite varied. Because, after all, if you consider things afterwards, you are too late. In an increasingly small world, with international competition, the unique selling points are cost leadership and perpetual delivery reliability. Standing still means incurring costs, as well as stagnancy in terms of deliveries.

A jointly established strategy leads to a decreased number of malfunctions. Frequently, the result of a deadline extension in the context of obligatory inspections is a drop in frequency from annually to once every five years. Even simply preventing production loss by postponing a stop leads to considerable cost reductions.

Successful collaboration for many years between Perfect Insight and MainTasc has led to the establishment of Perfect MainTasc. This is the branch of the Perfect Group that is concerned with managing and implementing turn arounds and projects. The project teams, characterised by a flat structure with room

for initiative, are installed early and realise streamlined scheduling. A timely start of the scoping phase is followed by a smooth preparation and planning phase. This allows us to realise extremely precise budgeting at an early stage. Learning effects from the past are included. The process is systematically supported by Q-Mera® or MainTasc®, the light version of Q-Mera®. These systems guarantee the controlled implementation of technical and management work processes in a turn around.

Intensive and positive teamwork leads to a safe and professional work method with a unique result. Through careful and detailed planning not only do we gain valuable production time, but in addition shutting down and commissioning a system is usually fast and problem-free. All installation components are available on time.

With these experiences the strategy has proven its value, and one can predict future turn arounds much better. They are planned earlier, have a shorter completion time, have a multi-year cycle and the costs are managed in advance. In this way the unique selling points of cost leadership and delivery reliability are guaranteed for the future.