

## SUCCESS STORY



## PRODUCTION LINE IN CENTRAL CHINA

For a German customer, we supervised and accompanied the relocation of a production line to China. With a large team, we were on site with our expert knowledge and many years of automation know-how both during disassembly in Germany and during assembly and commissioning in China.

### Preparation and planning

A year ago, a long-standing and good customer approached us with a special request. Here, an entire production line was to be relocated from the site in Germany to central China. Since we as Quality Automation GmbH have a very wide range of services, we could support our customer on many levels. Over tasks of the project and travel planning, the electrical construction, the electrical dismantling and structure up to the implementation and adjustment of the entire plant software to the new location we were helping at the side of the customer.

Foreign assignments, especially in Asia, have been part of QA's daily routine over the past decades and do not usually present us with any major challenges. However, at the time

of the request, the pandemic in China was at its peak and the Corona requirements were very strict and entry was not readily possible. The many requirements made the project planning much more difficult. The many restrictions on site and the long duration of stay in China including quarantine were met by an experienced and strong team of QA staff and flights were booked, invitation letters, visas, health passports and all other necessary forms were prepared. Company medical examinations with all necessary vaccinations were carried out.

### Disassembly in Germany

Together with the customer, the project plan was finalized, the disassembly and subsequent assembly were planned down to the smallest

### OUR PHILOSOPHY



Only if our systems are integrated at the customer completely they develop their entire performance potential. Therefore it is important for us that our customers are integrated in the process from the very first day of the project carry out.

Communication is about it the most important connecting part between us and our customers.

### CUSTOMER TARGETS

- Maximum production efficiency and quality
- Stable industrial processes
- Well trained personal
- Low service costs
- Most favorable conditions

## SUCCESS STORY



detail. The project plan was tight and time-critical; it was not possible to order additional support or materials at short notice. The QA team accompanied the entire disassembly in Germany, documented it and already made preparations for the upcoming reassembly.

Shortly before the start of the journey, the pandemic in China subsided and the strict entry regulations were relaxed. With a negative PCR test, our team now traveled much more relaxed and under less strict conditions. With a stopover in Shanghai, the journey went smoothly and the next day our team was already on site and could start with the first preparations and assessments.

### The plant structure in China

Due to the long-standing cooperation with our customer, our team was pleased to see old familiar faces again after the long Corona period. Mechanics and electricians were installed in record time. The support from the local teams went smoothly and at a very

high level. Any problems that arose were solved quickly and effectively, so that software commissioning of the equipment could start after just two weeks and the first important milestone was completed another week later.

The first finished product could take its long way through quality assurance and approvals of the customer. In the following weeks, the processes were optimized more and more and ideas and improvements were implemented immediately. We translated the software and the HMI into the local language and provided extensive training to the local production staff to ensure safe operation of the plant.

Together with the local maintenance department, maintenance plans were drawn up, spare parts lists were developed and a detailed training plan was carried out.

After a total of five weeks, our team was able to head home, leaving behind an extraordinarily satisfied customer. From our side, too, this was a great project that, in addition to the effective and professional cooperation, was also a lot of fun for everyone involved. The land of smiles showed us its most hospitable side. We were able to refresh old customer relationships and look forward to supporting our customers in Asia again in the future.



### Michael Sünder

Software Developer  
Retrofit, drive technology, process analysis,  
maintenance and repair

Quality Automation GmbH  
Konrad-Adenauer-Straße 156  
52223 Stolberg,  
Deutschland / Germany

+49 (0) 2402 865 888  
+49 (0) 2402 865 889  
info@quality-automation.de  
https://quality-automation.de