

Vald. Birn: Quality control of foundry production samples with GOM Inspect

Location/Country: Holstebro, Denmark

GOM System: ATOS Triple Scan

GOM Inspect usage: Measurement and quality control of production samples from our foundry

Main area of business: Production of castings for the automobile, pumps and hydraulic industries and components

GOM Inspect is independent of the scanning process. That is all-important for Vald. Birn. The company uses the software for quality control of its foundry production samples.

Vald. Birn A/S uses two GOM Inspect Professional licenses for measurement and quality control of production samples from our foundry.

We have invested in GOM equipment and software as we believe that they provide time-savings compared to traditional CMM and give us the great advantage of having much more measurement data to analyze.

One of the advantages of using GOM equipment and software is the fact that the measurement operation can be carried out by more than one person. One person performs the scanning and another makes the measurement report. This means that we do not need metrologists for data collection, but only for analysis and report writing. Each production engineer can also analyze the part he is in charge of, without having to know how to operate the scanner.

Having more people involved means that we can use the equipment optimally, and maintain a more flexible process, which is not dependant on one person only. This is a clear advantage compared to traditional CMM processes, where this is typically the case.

At Vald. Birn A/S the system will be used for continuous process control (SPC) and thus it is an important parameter that GOM develops fully automated solutions. Finally, GOM Inspect Professional will be used for measuring and monitoring our casting tools.

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