



ATS Held Orientation Conference on Fastener Quality, Fastening Management, Intelligent Manufacturing

by *Fastener World, Sandra Chen*

On Mar. 20th Asia Technical Service (ATS) launched the orientation conference at the service center of Benjhou Industrial Park in Gangshan District of Kaohsiung City. This event had the attendance of ATS's tech team and general director Miss Celia Lee, and attracted over 60 fastener experts and engineers. This seminar was mainly composed of the team's professional speeches on the analysis of bolt and nut quality and monitoring bolt joint of tool testing. Miss Lee stated, "I hope through this seminar the industry will receive the most updated quality management information. We also anticipate interactions and more collaboration with you."

There were mainly 3 topics in the seminar. The first one was about fastening quality. The ATS engineer pointed out that factors such as fastener friction, surface treatment, hardness, fastening technique and tooling all affect the fastening condition, and further explained the relations between each factor's measuring value that are compared and shown as indexes inspected by professional systems. The second speech was about fastening management. Owing to many engineers' common inspection question: "I've made manufacturing processes all qualified, but why can't the fastening results meet the standards and get certified?". To answer this question, the engineer detailed on the requirement of each certificate such as ISO16047 (torque/clamping force, friction, test), ISO 2320 (prevailing torque), VDA 235-203, VDI 2647 (type testing of nutrunning tools), VDI 2645 (capability test for fastening technology), etc. On top of that, the engineer suggested how to pass each inspection. Lastly, ATS group invited Chao Juan, Findersoft Technology's General Manager, over to deliver a speech on how modern technology optimizes ERP system and makes it user-friendly and further accomplishes the future trend of "smart manufacturing" following the Internet era. In conclusion, the three topics all contained brilliant contents and drew the full attention from the audience.

About Asia Technical Service (ATS)

Established in 1976, Asia Technical Service is an independent and third-party company offering inspection services by its own sufficient calibrated devices. ATS started focusing on the U.S. market by offering on-site inspections for fastener, hardware, tool and steel industries and has been ISO 9000 certified since 1993. In recent 30 years, ATS has 95% overseas customers from Europe and 75% of those are well known manufacturing factories and companies.

In 1996, ATS expanded business to calibration services industries and its laboratories have been accredited to ISO 17025 in torque calibration and thread /ring gauge calibration. It covered range from 0.3 to 1000 Nm in torque, and 2.5 – 150 mm in thread gauge (length) calibration.

ATS is also the representative of several international brands including SCHATZ torque / clamping force analysis system and mobile tool tester, microGLEIT coefficient of friction lubricant and mechanical arm grease, Dörken MKS corrosion chemical, SCHLAGER industrial furnace, IAC gauge measuring system. Through the latest technical knowledge transfer, ATS can support Taiwanese industry to remain competitive.

