



Project News

ESI Eurosilos: Final Shipments of Coal Silo Equipment to Mega-Construction Site

Edited by on 16. Jan. 2020

Purmerend, Netherlands –

In November 2019, ESI Eurosilos successfully concluded the inspections of the shipments for eight Coal Silos to the construction site of the new thermal power plant in Seochon South Korea. The companies contract partner Daeyang Rollent, their customer HSHI and the end-user Komipo came to Europe several times to inspect all parts and material handling equipment for the large silo complex.

ESI project manager Jan-Willem Hanskamp says this is a milestone in a huge project: “Over 8,000 signatures were placed on hundreds of quality control documents. From here on the project continues in South Korea.”

Successful Partnering



The solution for Komipo includes eight coal silos of each 55.000 m³, working together as one efficient fuel management facility and connected through networked conveyor systems partly supplied by Rollent. (Picture: ©ESI Eurosilo B.V.)

As a project manager Jan-Willem has led the procurement, quality control and shipment of all parts. “Our job is to ensure the required quality of everything within our scope of the project. Together with the inspection team, we have visited producers in Europe in five consecutive rounds. This means we have to get five sub-contractors on the same page, which can be quite intensive at times. For each inspection we have to sign off on about 400 pages of documentation. In this stage of the project, it is vital to track and eliminate any risks that can lead to future failure. Also, a great deal of components are produced in South Korea. To

make it all come together really requires close partnering with everyone concerned.”

The challenge: planning

The biggest challenge so far was to keep the planning tight, while securing accurate and complete documentation. Planning and control are also the main challenge for the complete project. The new thermal power plant will make use of eight coal silos of 55,000 m³ each, all situated at the seaside in order to accommodate the supply by bulk carriers. ESI will also provide a 5,850 m³ FDG gypsum silo. The commissioning of the coal silos will take place in multiple badges. Jan-Willem: “Our supervisor will stay in South Korea to lead the mounting of all mechanical parts and install the software components that control the operation of the silo. Once the first silo has been commissioned successfully, the other seven silos will be supervised locally.”