

SICON TESTIMONIAL

Theme: SICON HMS Cleaning

„SICON has a reputation in the scrap industry for innovative and customer-tailored solutions.“

SICON designed and built a HMS Cleaning plant in Southern Europe. The plant has been working successfully since January 2017. The Plant Manager explains in the interview below how the cooperation with SICON worked.

What was your motive to invest into a cleaning plant for sheared scrap?

Steelplants belong traditionally to the most efficient plants. Our Group is a family owned company and the business is driven with a lot of passion. Our country is suffering from high energy cost, limited access to the ports for import and export, nevertheless our plants have still a very good position on the market. But markets are changing rapidly and are extremely volatile. A successful steelplant needs to be the leader in terms of production cost and efficiency. As a company which is 100% scrap based, the scrap is the major cost factor and the scrap quality determines

the meltshop efficiency. We realized over decades that the scrap quality for certain grades has become worse with negative impact on our meltshop. The SICON HMS Cleaning was the dedicated solution to encounter this trend.

Why did you choose SICON for your project to realize the plant for cleaning sheared scrap?

Our Company has been working with SICON for nearly 20 years over a variety of different projects. SICON has a reputation in the scrap industry for innovative and customer-tailored solutions. This is why we started to talk with SICON. Our company is thinking as well outside of the box

and to be the leading longsteel manufacturer in terms of productivity, it needs sometimes different technical approaches. SICON is very flexible, nice people to work with and a reliable and loyal partner for us to meet our targets.

What are your experiences so far? Can you share some positive impacts on your meltshop with us?

It took a couple of months until the system we designed in cooperation with SICON the system which fit exactly our internal needs. SICON as well as our Group were aware that we entered into a solution which was so far unique. There was some risk. As a matter of fact there were during the first weeks some observations. But SICON improved without discussions until we reached the per-

formance we expected and even above. The limitation is today more the feeding but the plant itself. It was designed for 180 tons and today it can process even more.

Would you invest today once more in such a plant?

Definitely yes.

How did you feel about working with the SICON-Team?

The cooperation with SICON is based on trust and confidence.



Facts about SICON HMS Cleaning

- Significant reduction of slag (5-8%)
- Increase of the liquid yield to 92-95%
- Reduction of consumables
- Reduction of power consumption
- Reduction of emissions
- Recovery fraction from screened fines ready for feeding into the EAF
- SICON MagSpin - Permanent magnet with spinning effect

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