



PRESS RELEASE

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Vallourec Soluções Tubulares Brasil S.A. Chooses Smart Steel Technologies

- Smart Steel Technologies implements "SST Temperature AI" to improve temperature control of Vallourec Soluções Tubulares do Brasil S.A.
- Thus, the plant at Jeceaba will permanently save energy costs, increase process stability and product quality from EAF steel production to continuous casting.

Berlin, May 12th, 2022 - Vallourec Soluções Tubulares do Brasil S.A., specialist in producing seamless steel pipes for demanding customers like the oil and gas, automotive, energy, machinery industry hires the AI company Smart Steel Technologies to implement "SST Temperature AI" at their production site in Jeceaba, Brazil. The software gets installed in its steel mill specialized in round billets focused on the production of seamless steel tubes. The SST solution is used for precise temperature control from EAF via LF and VD to the continuous caster and will be integrated live into the production process. Consequently, Vallourec will minimize temperature buffers and will be able to optimize the temperature in production. Through increased process stability, Vallourec will permanently save energy costs, CO2 emissions and improve product quality. The installation of SST Temperature AI takes a few months only. Additional three months are invested in a test and optimization phase. Fortunately, Vallourec will benefit from a significant cost reduction soon.

"We are delighted to cooperate with Smart Steel Technologies who supports us to maintain Vallourec's technological leadership by bringing forward innovative solutions that have a sustainable impact. Our investment in the latest Artificial Intelligence technology, namely the optimization of our temperature control at Jeceaba mill, will further increase our process stability and quality requirements. Thus, reducing energy costs and our CO2 emissions will make an impact and motivate further successful digitalization projects in the near future."

Dr. Axel Boeke

Director Process Community Steelmaking
Vallourec Soluções Tubulares Brasil S.A.