

# NEWS

News Update

## Sinomine Tanco's Technical Renovation & Restoration for Spodumene Processing System Officially Put into Operation in Canada

2021-10-15 639

In Oct 15<sup>th</sup> 2021, the technical renovation and restoration for spodumene processing system of Sinomine's Tanco (Tanco) mine in Canada officially put into operation (002738).

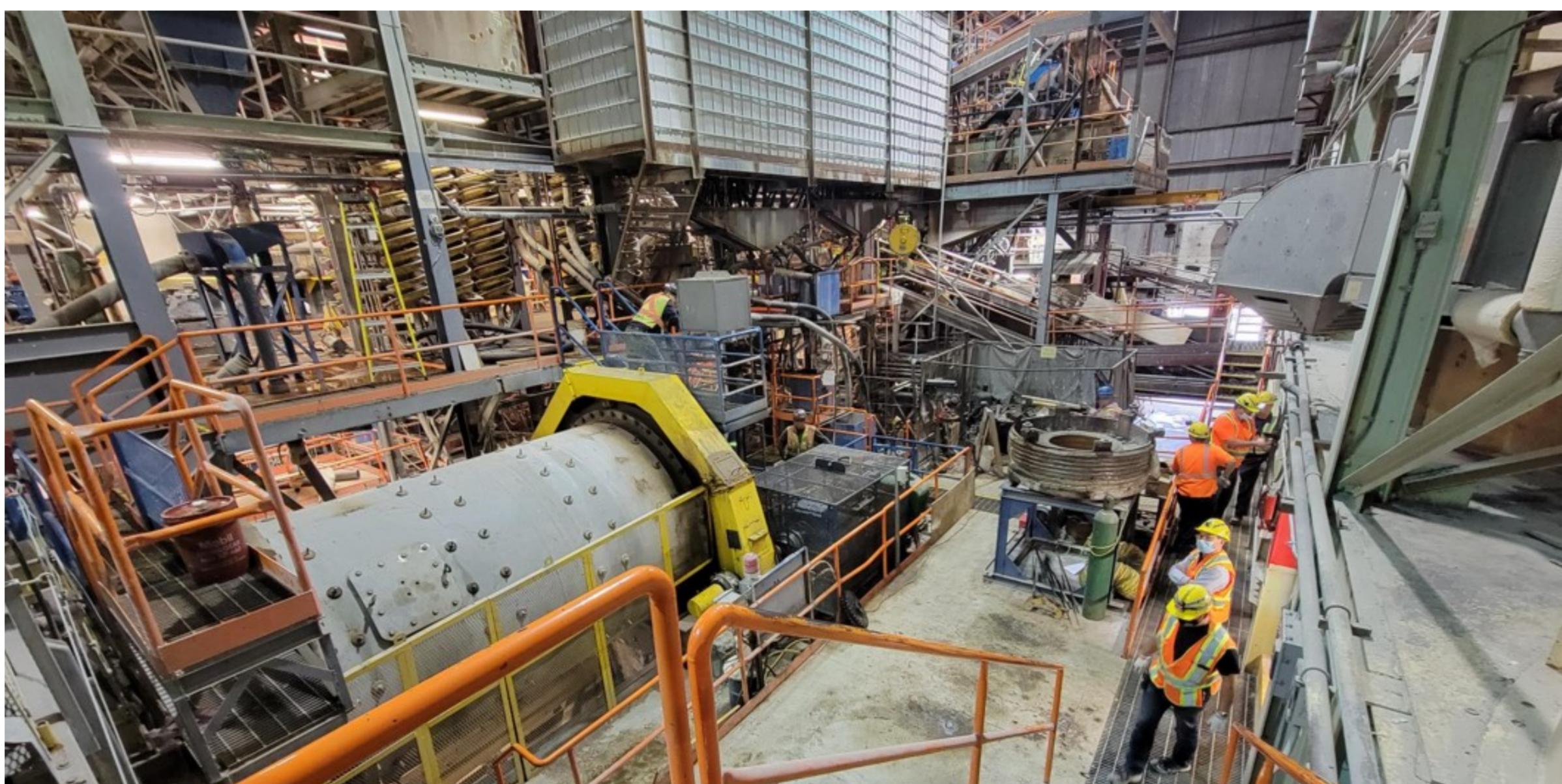
The spodumene mining and processing activities started in 1987 to 2009. Based on the evaluation report, currently there are 4.6028 million tons of proved spodumene resources (Li<sub>2</sub>O≥1%), average Li<sub>2</sub>O@2.44%, or 112,200 tons of Li<sub>2</sub>O, which is highly economical.

As well as to seize the opportunities of lithium surging market, Sinomine decided to renovate and restore the 400t/day spodumene processing system in early 2021 aiming to transform the resource advantages into economic advantages. The detailed renovation strategies include 1. Equipment repair, update and upgrade of the mining system and processing system, 2. personnel recruitment and training, and 3. repair and improvement of supporting HSE facilities.

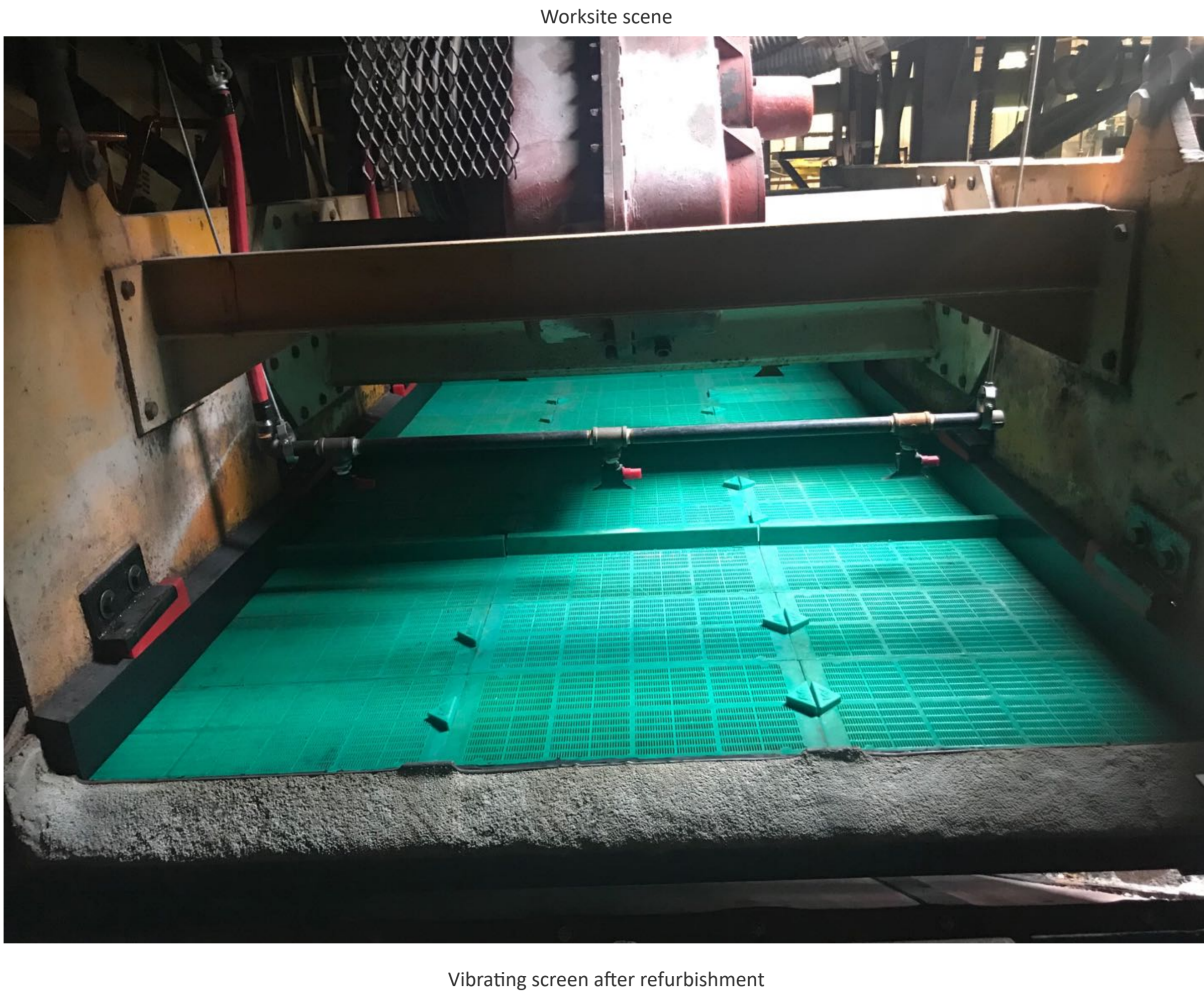
The team overcomes the tremendous difficulties resulting from the covid-19, protracting period of equipment and spare parts supply, heavy maintenance tasks, problems in recruiting skilled mining and technical workers, and complicated processing technique. All the administrative licensing procedures were completed in eight months and the new system was managed to be put into production on schedule. It is expected to produce 30,000t of 5.5% Li<sub>2</sub>O spodumene concentrate each year after the project reached production capacity.



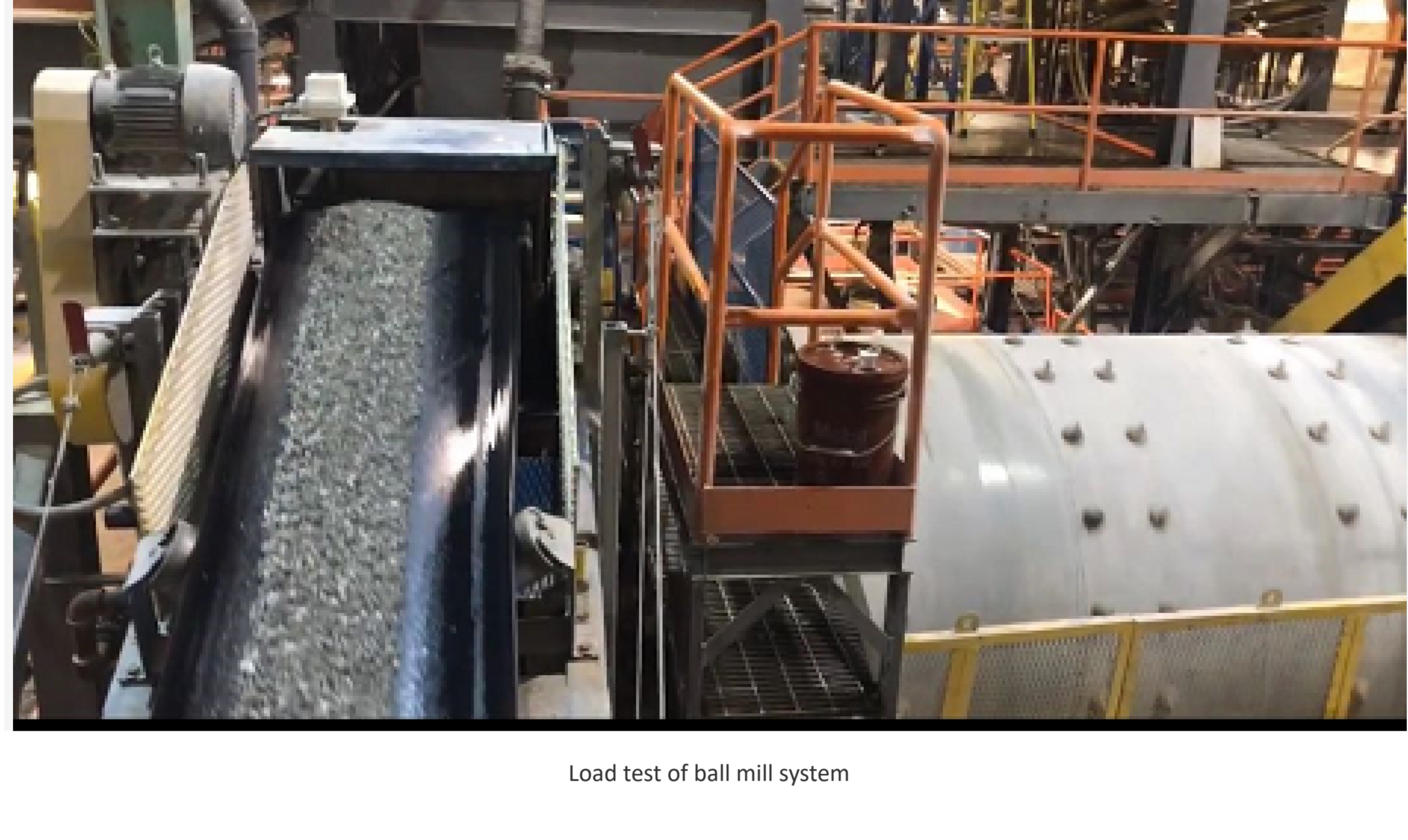
Mr. Wang Zhiwei, Vice GM visited the site



Worksite scene



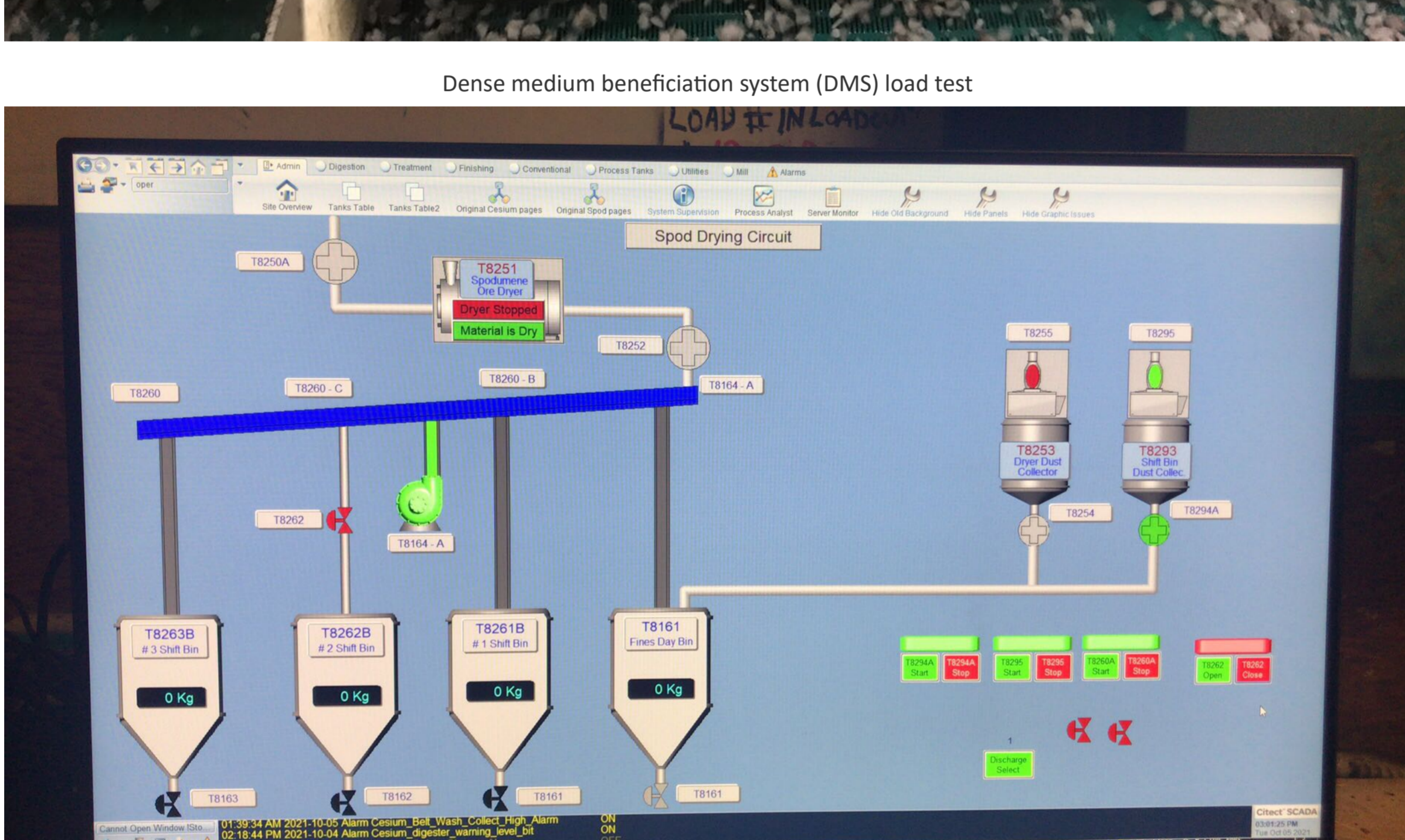
Vibrating screen after refurbishment



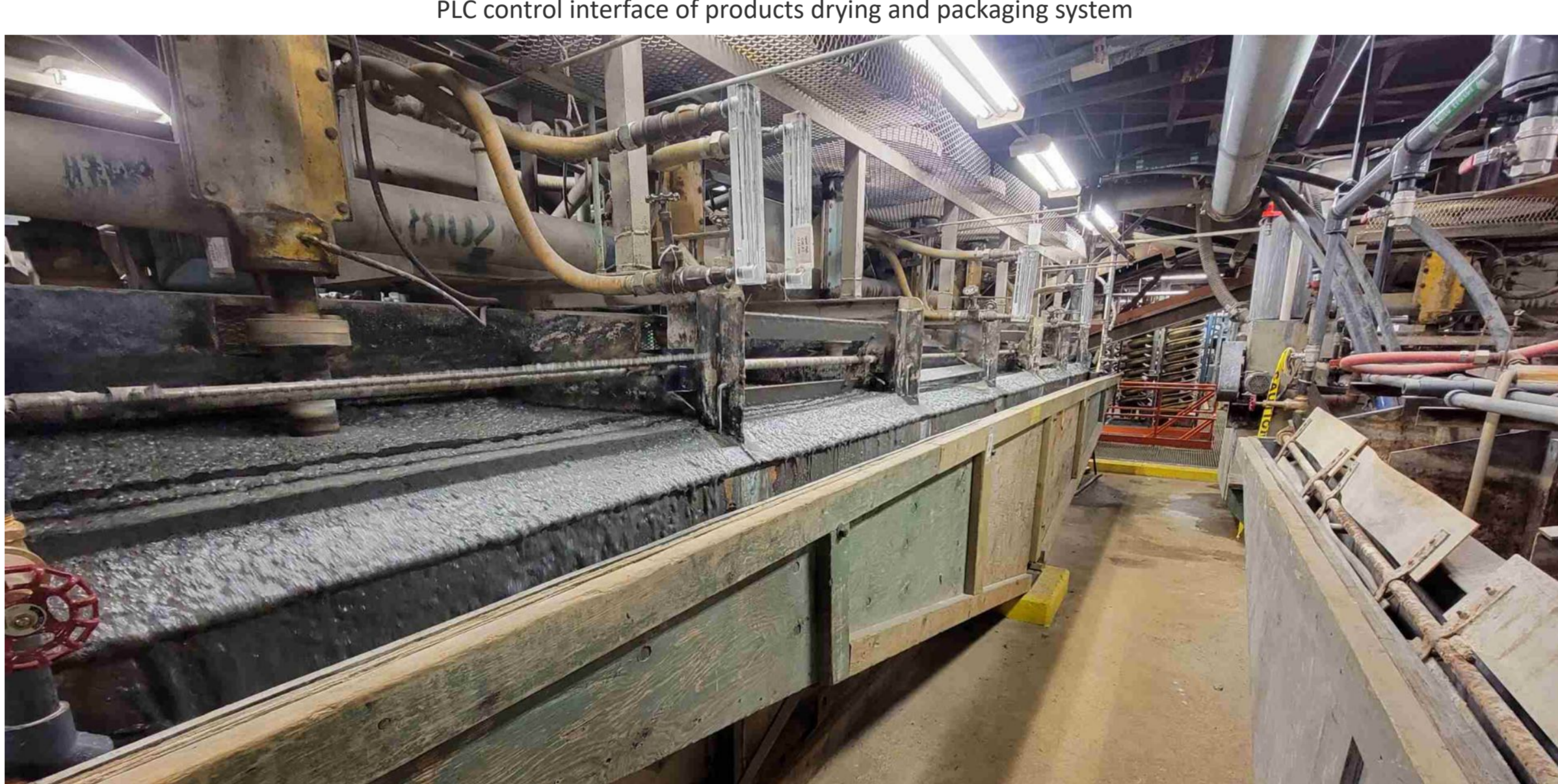
Load test of ball mill system



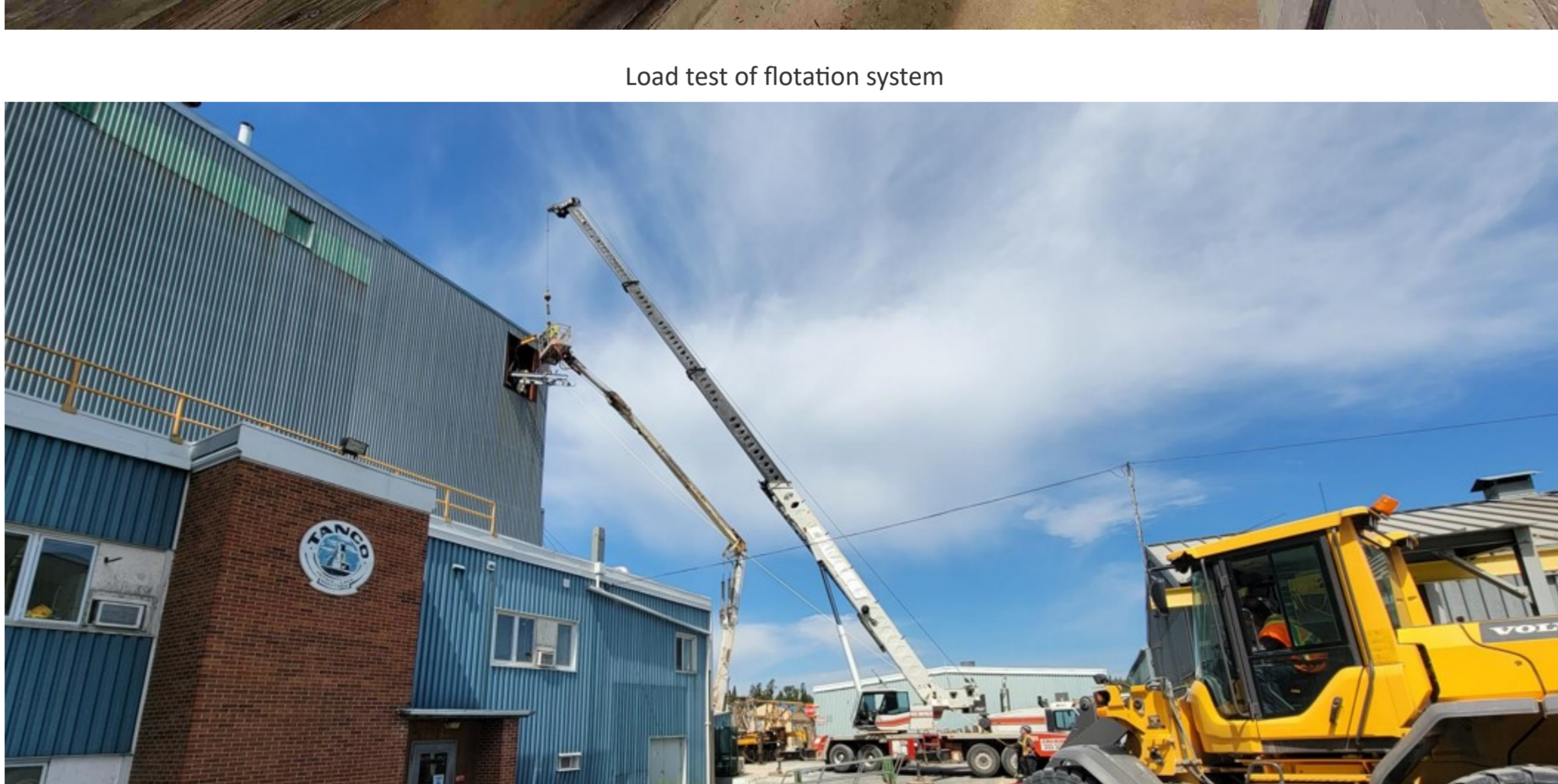
Dense medium beneficiation system (DMS) load test



PLC control interface of products drying and packaging system



Load test of flotation system



Tailing of DMS



New underground rock drilling rig

LAST: Sinomine Specialty Fluids wins gold at the UNIDO Chemical Leasing ...  
 NEXT: Sinomine's Board Members Visited DongPeng New Material Co., Ltd

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