

NEW ID COATING PLANT CAMROSE

Shawcor provides current technology, improved HSE and strategic capacity with a new internal coating plant in Camrose, Alberta, Canada.

Opening in June, 2016, Shawcor has invested in a completely new internal diameter coating plant in Camrose. Despite the protracted industry down turn, Shawcor chose to build this plant in order to provide higher capacity to serve upcoming projects in Canada and elsewhere around the world. As the industry is beginning to recover, Shawcor has prepared itself for a future in which HSE, quality, efficiency, location and capability will be even more important than in years past.

Extending flexible capabilities

Opening this facility allows Shawcor to extend its expertise in internal coating within Canada, the west coast and beyond. Plant operations are able to apply up to 100% solids paint. If required, some other lining materials besides FEL can be applied. Use of high solids coatings reduces emissions of VOCs (xylene, toluene) compared to other products.

One of the key capabilities of this plant can be found in the blasting process. Air blast has been replaced by an advanced mechanical blasting technology. This provides a much smaller environmental footprint due to a much more efficient operation than the air blast systems. HSE is Shawcor's number one priority for all operations and its workforce. Reducing the environmental footprint as well as making work more efficient and safe were key requirements in the design of this plant. To ensure the quality of the internal coating, a multi-stage cure system is implemented post application but prior to placing the pipes outside, this allows full curing and stability even in the harshest winter conditions.

Well positioned for the future

Production started at the Shawcor's Camrose facility with two projects for TransCanada and Spectra handled by the Japanese Trading Houses, Marubeni-Itochu and MetalOne. With all these inventive solutions, improvements and combined strengths acquired over decades, Shawcor has built one of the leading-edge, top- quality internal coating plants in the world. The advantageous location of the plant provides strategic access for Canada West-Coast LNG projects as well as the other domestic and international pipe projects.

Key features of the plant

- TCPL compliant up to large diameter
- Cold climate optimized
- Low VOC emissions
- Optimized pipe cleaning for spiral and double joint pipe
- Optimized coating smoothness for flow efficiency
- Optimized curing for minimized environmental impact
- Fully mechanized pipe handling