

## Vale Filter Plant – Installation of 4 New Filter Presses

*Copper Cliff, ON*

**Owner:** Vale Canada Ltd.

**Value:** \$46,600,000

**Date:** May 2016

**Trades:** Multi -Trade



### Project Description and Scope:

The State Group was contracted to perform a brownfield project for the installation of 4 new FLSmidth Filter Presses within the existing Filter Plant facility. The first phase of the project consisted of relocating existing process services to maintain the existing operation. The work then progressed to demolition and removal of redundant process equipment, bins, platforms, speed tile walls, structural steel, the excavation of new work area, blasting of rock and reinforcement of existing structural building piers. The next phase progressed with the new construction scope of work inclusive of all the new civil work, erection of structural steel, piping fabrication and installation, electrical and instrumentation services, equipment assembly of 4 New State of the Art Presses and auxiliary systems, new sumps, thickener tanks and agitators, compressor systems, air receivers, conveyors, baghouse system, process pumps. The final stage of the project transitioned to commissioning of the system.

The work began in September 2014 and was reached substantial completion May 2016.

The work was conducted within the existing Filter Plant Complex at the Vale Smelter in Copper Cliff, Ontario.