

Glencore Canada 2018 Acid Plant Shutdown to the Brunswick Smelter

CLIENT

Glencore Canada

LOCATION

Belledune, New Brunswick

PROJECT DESCRIPTION

Glencore is one of the world's largest diversified natural resource companies, producing and marketing more than 90 commodities, with a network that spans more than 50 countries and employs 181,000 people. The Brunswick Smelter is essential for shipping concentrates by rail or boat through the bulk handling facility near Belledune, New Brunswick.

Black & McDonald (B&M) began providing services during the early planning of the acid plant shutdown. It was able to provide technical services and support preparing work packages, as well as scope out the repairs to provide a list of material and parts to order. B&M also advised on the manpower required for the project.

B&M SCOPE OF WORK

B&M's contribution included mechanical and electrical advice and execution for the plant shutdown and overhaul. Work was planned on the existing equipment located in the sections of the weak acid plant, the strong acid plant and inside multiple acid process equipment areas. This work included replacement of Glencore's Peabody SO₂ Preheater Furnace, cold heat exchanger and acid stack repairs, and replacement of process tanks, piping and power outage supports.

BENEFITS TO CLIENT

Based on the past experience B&M had with them, Glencore's Brunswick Smelter chose B&M to provide the necessary workers to perform repair of the acid plant for the major shutdown. It took place over a one-week period. Thanks to the dedicated team of supervisors, foreman and field trades, the acid plant operation department was able to restart the plant as planned, and B&M completed its scope safely and on budget.



Glencore Canada 2018 Acid Plant Shutdown to the Brunswick Smelter