



Company Profile

2019

Black Powder Solutions (BPS) is a Canadian company that designs and manufactures patented magnetic separator systems as an inline, full-flow solution to removing Black Powder™ contamination from hydrocarbon fluids and gases, refined products, petrochemicals and water.

Black Powder Solutions Inc. corporate headquarters and manufacturing facility is located in Calgary, AB, Canada. The design stage of research and development is a collaboration between teams in Calgary and Sacramento, California, USA. Global BPS authorized agents are trained to aid in determining the most effective magnetic separation solution for each application.

BPS's parent company, One Eye Industries was founded in 1999, as a division of magnetic filters designed for full-flow applications. One Eye Industries designs and manufactures magnetic filtration systems employed internationally in the oil and gas, mining, commercial and residential building, manufacturing, transportation, food, pharmaceutical, defense, petrochemical and marine industries. OEI magnetic filtration systems apply to engines, gearboxes, hydraulics and pneumatics, processed products, cooling systems and water systems. Each filter employs a magnetic filter element with a patented radial field configuration that offers high holding strength. These systems operate with minimal flow restriction and are proven to capture both ferrous and non-ferrous contamination in rotating equipment applications.

The high demand for a solution to removing the abrasive, reactive contaminant, Black Powder™ from hydrocarbon, water and chemicals warranted a separate business model that focussed on the hydrocarbon industry; this demand led to the inception of Black Powder Solutions Inc. in 2011. BPS' unique magnetic separation systems employ OEI's proven, patented magnetic technology in a patented design that effectively removes Black Powder contamination. These systems are the sustainable alternative to conventional filtration; they protect processes and equipment from breakdown or failure at all stages of the hydrocarbon value chain because they effectively > 1 micron sized particulate which is detrimental to process system reliability.

Deployment of BPS technology will ultimately elevate system operations, increase production, improve product quality, support safety initiatives and reduce environmental impact.