

## BEVERAGE SYSTEMS BMF

### MOSCOW BREWING COMPANY, CAPACITY 500 HL/H

#### CASE STUDY



#### FAST FACTS

##### Location

Mytischki, Moscow Region, Russia

##### Capacity

500 hl/h

##### Start-up

May 2011

#### BACKGROUND

The Moscow Brewing Company (MBC) is a total beverage company with a broad product portfolio and a brewing capacity of 3.8 million hectoliters per year. MBC is the road-to-market in Russia for more than 25 renowned brands. Zighuli, the most successful Russian beer brand over the last three years, amounts for 80% of the beer production. MBC also produces Mospivo beer for the Moscow region and is the licensed brewery for Oettinger, FAXE, Coors Light, KIRIN, Breznak and Selka. The choice for the BMF filter line was made as it fits MBC's sustainable mindset and quality requirements. Another decisive factor was Pentair's expertise concerning the brewing process that is reflected in all project stages.

Therefore, MBC has decided to use only BMF technology for their future brewery expansions to have full insurance of the beer quality and process costs.

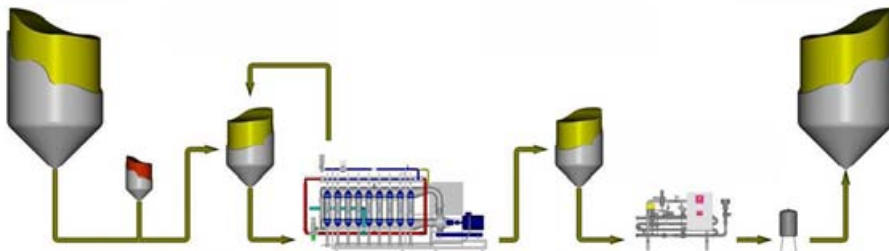
#### BMF SOLUTION

The BMF system at MBC is a so-called third generation BMF-18, which offers significant advantages such as a reduced Capex and Opex, lower water consumption and lower beer losses. After a successful start-up, the BMF system is serviced and monitored by Pentair Components & Services in order to ensure optimum performance. If necessary, the BMF is extendable with two extra skids to increase capacity to 600 hl/h.

#### SCOPE OF SUPPLY

Pentair supplied a complete, fully-automated, turnkey beer membrane filter line, including:

- Dosing Unit for Stabilization Agents
- Unfiltered Beer Tank
- 4 Skids with a total of 72 S-14 Beer Membrane Modules
- Filtered Beer Tank
- Security Filter
- Carbo Blender (Pentair Haffmans)
- Automatic Butterfly Valves (Pentair Südmo)
- Double Seat Valves (Pentair Südmo)
- Project Management & Engineering
- Automation
- Erection, Commissioning & Training On-Site



#### PENTAIR WATER PROCESS TECHNOLOGY BV

P.O. BOX 741, 7500 AS ENSCHEDE, NETHERLANDS [WWW.PENTAIRPT.COM](http://WWW.PENTAIRPT.COM)

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

Pentair is an equal opportunity employer.

CS MBC E-4/12 © 2012 Pentair, Inc. All Rights Reserved.