

## Inflatable Seal Doors by PBSC

Excellent containment for the Canadian Science Centre



### Scientific Excellence at PHAC

#### Human and Animal Virus Research Under One Roof...

The Public Health Agency of Canada encourages Canadians to improve their health. In partnership with others, its activities focus on preventing disease and injuries, promoting good physical and mental health, and providing information to support informed decision making. It values scientific excellence and provides national leadership in response to public health threats.

The federal government is putting millions into Canada's National Microbiology Laboratory in Winnipeg to help detect high-risk infectious diseases such as Ebola and various types of avian influenza faster.

Works started in early 2019 to the current building providing new additions and **PBSC** who are the leading manufacturer of clean room, high containment, personnel decontamination and material decontamination products around the world used their expertise to supply the custom designs needed for this project which finished in 2020.

**PBSC** in association with Merrick, contributed with unique, safe and proven containment solutions for the Canadian Science Centre for Human and Animal Health located at Arlington Street, Winnipeg, Manitoba, Canada. Meeting the stringent quality assurance, containment audits and leakage rates.

Products

- Inflatable Twin Seal Doors



Solutions & Results

PBSC delivered excellent containment and redundancy, providing large twin sealed SPDM Inflatable Numatic Seal Doors with welded door frames, pressure testing at 8" water gauge and twin maglocks for increased holding force.

PBSC's design gave excellent operator access with true flush thresholds, twin inflatable seals and large flush glazed vision panels showcasing PBSC's outstanding finish and engineering.

The increased space given from this expansion will allow this lab to move in new directions, and with PBSC's products, services and support, allows this level 4 containment facility's not just to complete world-class research but the ability to respond to different threats as they arise globally.

PBSC's contribution has ensured this high containment facility's essential work carried out can be done more efficiently.

Pressure Decay Test APR Door			
	Test Duration Minutes	Temperature inside test box (measured) °C	Pressure inside test box relative to ambient (measured) +2000 Pa
Start	0	15.82	2087
Finish	20	15.73	1998

\*Not adjusted for variable - for more information please contact PBSC



Jamie Davis - Owner of PBSC

“ I am proud that PBSC is part of the development at the National Microbiology Lab in Winnipeg ”