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Trade Release: SNC-Lavalin provides engineering services to Medicom for its first N95 and surgical mask manufacturing facility in Canada

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Wednesday 06th May 2020

MONTREAL: May 6, 2020 - SNC-Lavalin has been selected by AMD Medicom Inc. ("Medicom") to support the establishment of their first Canadian mask manufacturing facility that will produce N95 and surgical masks dedicated to supplying the local needs of healthcare professionals. The governments of Canada and Quebec have recently named Medicom as their choice to secure Canadian production of tens of million masks, starting in July. Headquartered in Montreal, Medicom has medical-grade personal protection equipment production facilities around the world in Asia, Europe and the United States. Their new 60,000-square-foot facility will be located in Montreal and the masks produced will be primarily used to supply the Canadian market.

The SNC-Lavalin's Industrial Solutions team provides engineering services in project management, structural, mechanical and electrical engineering, process and automation, as well as in fire protection. To house the brand new production lines, an existing building has been identified and is being retrofitted to host multiple new machines with overall capacity of millions of N95 and surgical masks per month. New conveyors, a ventilation system, a compressor, a packaging system and a central palletiser will also be installed.

One of the main challenges is the very tight timeline, and more specifically the preparation of the existing site to properly host multiple new mask manufacturing lines. The SNC-Lavalin Industrial Solutions team, being mobilized to this project, is made up of experienced engineers from several disciplines and are helping Medicom expedite the installation of the new equipment for early market supply and long-term operational productivity.

"Before the COVID-19 pandemic, our clients from the pharmaceutical, biotechnological, medical device & protection equipment industries never had such challenges. They are required to adapt quickly to the public health emergency needs, which aim to save lives and win against the pandemic," said Normand Dubuc, Vice President, General Manager, Industrial Solutions at SNC-Lavalin. "Our specialized resources in the manufacturing sector, and more specifically in the pharmaceutical and agri-food sectors, can be mobilized rapidly with flexibility, agility and precision, in order to meet the quick turnaround and demanding implementation requirements."

"Medicom has been a trusted name in personal protective equipment for

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over three decades," said Guillaume Laverdure, Medicom President and Global Chief Operating Officer. "We are happy to have reached an agreement to be a long-term supplier for N95-type and surgical face masks along with investment in local production. Diversified supply has been a long-term strategy for us at Medicom and we are happy to be adding a Canadian facility to help supply products that will help protect Canadian healthcare professionals and patients," he continued.

The SNC-Lavalin's Industrial Solutions team has decades of experience providing engineering and construction services for manufacturing plants in several industries, including pharmaceutical, agri-food, biotechnology and medical technology, each qualified as essential during the COVID-19 outbreak.

About SNC-Lavalin

Founded in 1911, SNC-Lavalin is a fully integrated professional services and project management company with offices around the world. SNC-Lavalin connects people, technology and data to help shape and deliver world-leading concepts and projects, while offering comprehensive innovative solutions across the asset lifecycle. Our expertise is wide-ranging — consulting & advisory, intelligent networks & cybersecurity, design & engineering, procurement, project & construction management, operations & maintenance, decommissioning and sustaining capital – and delivered to clients in four strategic sectors: EDPM (engineering, design and project management), Infrastructure, Nuclear and Resources, supported by Capital. People. Drive. Results. www.snclavalin.com

About Medicom

The Medicom Group is one of the world's leading manufacturers and distributors of high-quality infection control, single-use and preventive products for the medical, dental, industrial, veterinary, laboratory and health and beauty markets. Medicom distributes infection control products under the Ritmed and Hopen brands, as well as the recently acquired Hedy Canada Inc. Medicom operates under the Kolmi-Hopen company in Angers, France and Medicom Asia in Hong Kong.

Medicom has extensive experience in meeting demand for personal protective equipment during a pandemic. Medicom was founded in 1988 in response to the urgent need for medical gloves for healthcare professionals during the worldwide HIV crisis. Since then, the company has been a reliable infection control solution provider during multiple epidemics, including the Avian Flu, SARS, H1N1 and Ebola. www.Medicom.com.

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SNC • LAVALIN

Medicom Project New mask facility

Engineering Medicom's first N95 mask facility in Canada

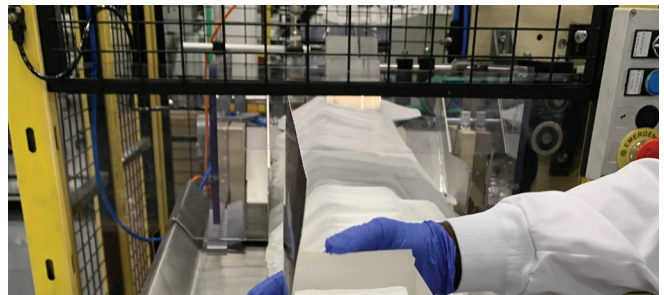
When the Covid-19 pandemic hit in 2020, there were shortages of N95 masks and the Canadian Government made it a priority to develop a local and resilient supply chain for personal protection equipment, and Medicom responded. SNC-Lavalin was awarded the engineering services to Medicom which was to be their first N95-type respirator and surgical mask manufacturing facility in Canada. This project was started in April 2020 and its value is estimated to be around \$8,000,000.



Comprehensive solutions delivered under tight timelines

One of the major challenges was the timeline, given the pandemic it was very important to deliver the manufacturing facility quickly. An existing facility was redeveloped to house multiple new mask manufacturing lines. SNC-Lavalin provided comprehensive solutions for the facility, including studies (conceptual engineering, technical studies, risk analysis, automation, instrumentation and control studies), Engineering (electrical, industrial, automation, instrumentation and control), Engineering Management, Tender, Technical Assistance, Commissioning of Technical Services, Qualification and Validation (tests, inspection, validation) services.

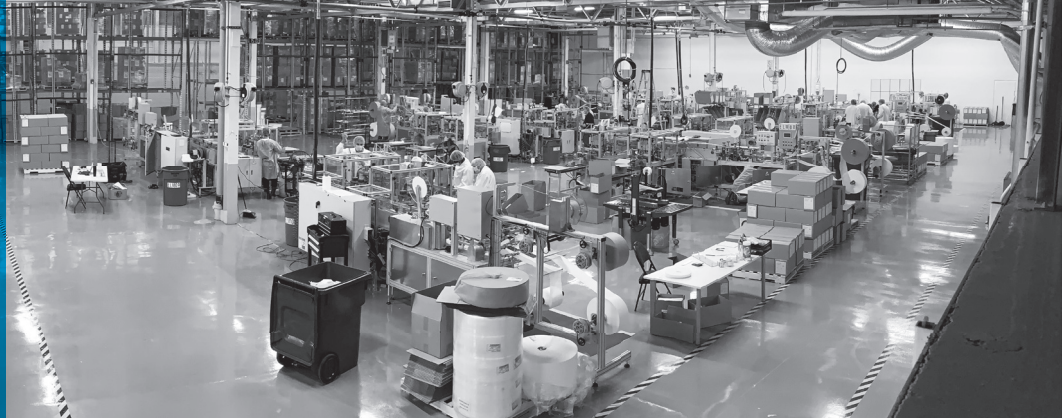
SNC-Lavalin teams also provided site inspection and site supervision services to the client.



Quick mobilization resulted in quick supply

SNC-Lavalin's decades of experience quickly showed as we quickly mobilized a multi-disciplinary team to help Medicom expedite the installation of the new equipment for early market supply and long-term operational productivity.

Our team quickly made recommendations to adapt the plant layout, equipment control systems and user interface to optimize processes and incorporate the necessary safety standard expected of a world-class manufacturing facility.



Multidisciplinary team



Qualified team with a high level of knowledge in industrial and manufacturing



World-class reputation

Vendor-independent solution provider



Worldwide experience



Multiple locations one-on-one support

High standards for quality
ISO 9001-2015 certification



industrial@snclavalin.com

MANDATE

Provide engineering services to Medicom for its first N95-type respirator and surgical mask manufacturing facility in Canada.

The governments of Canada and Quebec have named Medicom as their choice to secure Canadian production of tens of million masks

SERVICES PROVIDED

- > Technical Studies
- > Risk analysis
- > Automation, instrumentation and control studies
- > Engineering
- > Engineering Management
- > Tender
- > Technical Assistance
- > Commissioning-Technical Services
- > Qualification Validation

MARKET

Engineering Services Canada

CLIENT

AMD Medicom Inc.

YEAR OF COMPLETION

2021

TOTAL PROJECT COST

CA\$8,000,000

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Trade Release: Medicom Project - New Mask Facility

Medicom project

New mask facility

Engineering Medicom's first N95 mask facility in Canada

When the Covid-19 pandemic hit in 2020, there were shortages of N95 masks and the Canadian Government made it a priority to develop a local and resilient supply chain for personal protection equipment, and Medicom responded. SNC-Lavalin was awarded the engineering services to Medicom which was to be their first N95-type respirator and surgical mask manufacturing facility in Canada. This project was started in April 2020 and its value is estimated to be around \$8,000,000.

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PROJECT OVERVIEW



// INDUSTRIAL &
MANUFACTURING

Location

Montreal, Canada

Client

AMD Medicom Inc.

Completion date

2021



[CONTACT US](#)



Services provided:

- Technical Studies
- Risk analysis
- Automation, instrumentation and control studies
- Engineering
- Engineering Management
- Tender
- Technical Assistance
- Commissioning-Technical Services
- Qualification Validation



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Home — News — Medicom Mask Production Facility In Montreal Opens In Record Time

PRESS RELEASES — AUG. 11, 2020

Medicom Mask Production Facility in Montreal Opens in Record Time



Montreal, Quebec – August 11, 2020. AMD Medicom Inc. (“Medicom”), one of the world’s leading manufacturers of surgical and respiratory masks, confirmed that surgical mask production has begun at their new facility in Montreal, Quebec. The initial volumes will be dedicated to fulfilling their long-term Canadian Government contract, under the Medicom SafeMask® Architect™ brand.

The new production facility was announced in March and the Montreal site was confirmed in April. In late April the Canadian government also announced that they had strengthened the Canadian PPE supply chain by entering into a multi-year agreement with Medicom. Production start-up at the 60,000 square foot Montreal facility began in July and the first delivery of surgical masks to the Canadian Government is ready for shipment. New mask production has also started in record time at a [second mask production facility in France](#), as well as in [Singapore](#).

The Montreal installation was completed in just over 3 months, which included retrofitting an existing structure to house 15 new production lines, as well as the procurement and installation of mask machines with overall capacity of 150 million N95-type and surgical masks per year. New conveyor belts, a ventilation system, a compressor, a packaging system, and a central palletizer have also been installed.

Two of the planned five specialized N-95-type respirator mask lines have also been set up and production will begin this month, which meets original planning targets.

“Medicom has been a trusted name in personal protective equipment for over 32 years,” said Guillaume Laverdure, Medicom President and Global Chief Operating Officer. “Diversified supply has been a long-term strategy for us at Medicom and we are thrilled that production has started in record time to help supply products that will help protect Canadian healthcare professionals for years to come.”

Medicom has long-standing supply relationships around the world. Medicom is making an important contribution around the globe helping governments and healthcare authorities address both the urgent immediate supply shortfalls of PPE, as well as securing long-term supply.

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About Medicom

The Medicom Group is one of the world’s leading manufacturers and distributors of high-quality, single-use, preventive and infection control products for the medical, dental, industrial, animal health, laboratory, retail and health and wellness markets. Medicom distributes infection control products under

the Medicom, Ritmed, Kolmi, Hopen, Hedy and Ocean Pacific brands. Medicom subsidiaries include Kolmi-Hopen in France, Medicom Asia in Hong Kong, United Medical Enterprise in the USA, KHM Engineering in Singapore and Medicom HealthPro Limited in the UK.

Medicom has extensive experience in responding to the demand for personal protective equipment in the event of a pandemic. Medicom was founded in 1988 in response to the urgent need for medical gloves for healthcare professionals during the global HIV crisis. Since then, the company has been a reliable supplier of infection control solutions during multiple epidemics, including avian flu, SARS, H1N1 and Ebola.

For more information about Medicom and their comprehensive portfolio of infection control solutions, including an extensive range of medical face masks, please visit [Medicom.com](https://www.Medicom.com).

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