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precision, safety,
and excellence.

Project Vista – Moderna Vaccine Manufacturing Facility Expansion

Moderna, partnering with Novocol Pharma executed a new multi floor 30,000sq/ft plant expansion enabling further manufacturing capabilities in their Cambridge facility. This completed the final steps for preparing and packaging respiratory mRNA vaccines which are now being distributed throughout Canada.

Together with SNC Lavalin, MWS Solutions' onsite project team was responsible for the fabrication and installation of all structural steel & miscellaneous metals assemblies, process piping and instrumentation, placement of machinery and other equipment installation, below and above ground plumbing, and HVAC Building Automation & Control Systems.

Scope of Work

The project included process equipment and systems on the first floor of the Moderna Vaccine production/processing area. Including specialty equipment & machinery such as high-pressure steam autoclaves, multiple stainless jacketed tanks, Clean in Place skid systems, pumps, filters, specialty valving, heat exchangers, low pressure steam humidification systems, compounding & buffer tanks and overhead interstitial space.

Also included was the second-floor mechanical room consisting of chillers, hot water boilers, process water storage tanks, air compressors, pumps, supply & return feeds for glycol, process condensing water system loops, natural gas, compressed air, steam and condensate piping systems.

Lastly, roof level equipment water towers, air handling units, energy recovery ventilators and ventilation stacks.

Client:	NOVOCOL, CAMBRIDGE ONTARIO CANADA
MWS Groups:	ENTER ALL MWS GROUPS THAT APPLY. PROCESS PIPING, MECHANICAL, & HVAC, MILLWRIGHTING, RIGGING, & IRONWORKING, MWS PROJECT MANAGEMENT, AND HEALTH & SAFETY.
Start Date:	2022
Completion Date:	2023

