

# Stack - 2020 (Yearly)

University of British Columbia  
 Permit: 1047 / Due Date: March 31, 2020

03 - IC Engine					
Nitrogen Oxides					
<b>Test Dates:</b>	Dec 04, 2019				
<b>Test Results:</b>	176.9000 mg/m3				
<b>Average of Test Results:</b>	176.9 mg/m3				
<b>Contaminant Permit Limit:</b>	115.0000 mg/m3				
<b>Out of Compliance Explanation:</b>	Nitrogen Oxide concentrations are consistent with manufacturer specification for this engine when running on natural gas				
<b>Plan of Action to Obtain Compliance:</b>	A permit amendment was submitted on Jan 26, 2015 requesting an increase to the allowable NOx concentrations. It is UBC's desire to operate under the amended permit. UBC continues to monitor local air quality via real time PM2.5, NO, and NO2 ambient air monitor and the emissions concentrations remain well below Metro Vancouver's Ambient Air Quality Objectives.				
<b>Test Result Comments:</b>					
<b>Flow Results:</b>	161.200 m3/min				
<b>Average of Flow Results:</b>	161.2 m3/min				
<b>Permitted Flow Limit:</b>	188.00 m3/min				
<b>Flow Result Comments:</b>					
Particulate Matter					
<b>Test Dates:</b>	Dec 04, 2019				
<b>Test Results:</b>	1.1000 mg/m3				
<b>Average of Test Results:</b>	1.1 mg/m3				
<b>Contaminant Permit Limit:</b>	7.0000 mg/m3				
<b>Test Result Comments:</b>					
<b>Flow Results:</b>	161.200 m3/min				
<b>Average of Flow Results:</b>	161.2 m3/min				
<b>Permitted Flow Limit:</b>	188.00 m3/min				
<b>Flow Result Comments:</b>					