

Stack - 2017 (Yearly)

University of British Columbia
Permit: 1047 / Due Date: March 31, 2017

03 - IC Engine					
Nitrogen Oxides					
Test Dates:	Dec 15, 2016	Dec 15, 2016	Dec 15, 2016		
Test Results:	145.0000 mg/m3	144.0000 mg/m3	144.3000 mg/m3		
Average of Test Results:	144.433 mg/m3				
Contaminant Permit Limit:	115.0000 mg/m3				
Out of Compliance Explanation:	Nitrogen Oxide concentrations are consistent with manufacturer specification for this engine when running on natural gas.				
Plan of Action to Obtain Compliance:	A permit amendment has been submitted requesting an increase to the allowable NOx concentrations. UBC continues to monitor local air quality via real time PM 2.5, NO and NO2 ambient air monitor and the Emissions concentrations remain well below Metro Vancouver's Ambient Air Quality Objectives.				
Test Result Comments:					
Flow Results:	154.600 m3/min	165.700 m3/min	164.400 m3/min		
Average of Flow Results:	161.567 m3/min				
Permitted Flow Limit:	188.00 m3/min				
Flow Result Comments:					
Particulate Matter					
Test Dates:	Dec 15, 2016	Dec 15, 2016	Dec 15, 2016		
Test Results:	2.4000 mg/m3	3.5000 mg/m3	1.3000 mg/m3		
Average of Test Results:	2.4 mg/m3				
Contaminant Permit Limit:	7.0000 mg/m3				
Test Result Comments:					
Flow Results:	154.600 m3/min	165.700 m3/min	164.400 m3/min		
Average of Flow Results:	161.567 m3/min				
Permitted Flow Limit:	188.00 m3/min				
Flow Result Comments:					