

FORM B

SPECIFIC EMISSION SOURCE INFORMATION (REQUIRED FOR ALL SOURCES)

REVISED 09/22/16

NCDEQ/Division of Air Quality - Application for Air Permit to Construct/Operate

B

EMISSION SOURCE DESCRIPTION:	EMISSION SOURCE ID NO:
OPERATING SCENARIO _____ OF _____	CONTROL DEVICE ID NO(S):
EMISSION POINT (STACK) ID NO(S):	

DESCRIBE IN DETAIL THE EMISSION SOURCE PROCESS (ATTACH FLOW DIAGRAM):

TYPE OF EMISSION SOURCE (CHECK AND COMPLETE APPROPRIATE FORM B1-B9 ON THE FOLLOWING PAGES):

<input type="checkbox"/> Coal, wood, oil, gas, other burner (Form B1)	<input type="checkbox"/> Woodworking (Form B4)	<input type="checkbox"/> Manuf. of chemicals/coatings/inks (Form B7)
<input type="checkbox"/> Int. combustion engine/generator (Form B2)	<input type="checkbox"/> Coating/finishing/printing (Form B5)	<input type="checkbox"/> Incineration (Form B8)
<input type="checkbox"/> Liquid storage tanks (Form B3)	<input type="checkbox"/> Storage silos/bins (Form B6)	<input type="checkbox"/> Other (Form B9)

START CONSTRUCTION DATE:	DATE MANUFACTURED:
MANUFACTURER / MODEL NO.:	EXPECTED OP. SCHEDULE: _____ HR/DAY _____ DAY/WK _____ WK/YR
IS THIS SOURCE SUBJECT TO? <input type="checkbox"/> NSPS (SUBPARTS?): _____ <input type="checkbox"/> NESHAP (SUBPARTS?): _____	
PERCENTAGE ANNUAL THROUGHPUT (%): DEC-FEB _____ MAR-MAY _____ JUN-AUG _____ SEP-NOV _____	

CRITERIA AIR POLLUTANT EMISSIONS INFORMATION FOR THIS SOURCE

AIR POLLUTANT EMITTED	SOURCE OF EMISSION FACTOR	EXPECTED ACTUAL		POTENTIAL EMISSIONS			
		(AFTER CONTROLS / LIMITS)		(BEFORE CONTROLS / LIMITS)		(AFTER CONTROLS / LIMITS)	
		lb/hr	tons/yr	lb/hr	tons/yr	lb/hr	tons/yr
PARTICULATE MATTER (PM)							
PARTICULATE MATTER <10 MICRONS (PM ₁₀)							
PARTICULATE MATTER <2.5 MICRONS (PM _{2.5})							
SULFUR DIOXIDE (SO ₂)							
NITROGEN OXIDES (NO _x)							
CARBON MONOXIDE (CO)							
VOLATILE ORGANIC COMPOUNDS (VOC)							
LEAD							
OTHER							

HAZARDOUS AIR POLLUTANT EMISSIONS INFORMATION FOR THIS SOURCE

HAZARDOUS AIR POLLUTANT	CAS NO.	SOURCE OF EMISSION FACTOR	EXPECTED ACTUAL		POTENTIAL EMISSIONS			
			(AFTER CONTROLS / LIMITS)		(BEFORE CONTROLS / LIMITS)		(AFTER CONTROLS / LIMITS)	
			lb/hr	tons/yr	lb/hr	tons/yr	lb/hr	tons/yr

TOXIC AIR POLLUTANT EMISSIONS INFORMATION FOR THIS SOURCE

TOXIC AIR POLLUTANT	CAS NO.	SOURCE OF EMISSION FACTOR	EXPECTED ACTUAL EMISSIONS AFTER CONTROLS / LIMITATIONS		
			lb/hr	lb/day	lb/yr

Attachments: (1) emissions calculations and supporting documentation; (2) indicate all requested state and federal enforceable permit limits (e.g. hours of operation, emission rates) and describe how these are monitored and with what frequency; and (3) describe any monitoring devices, gauges, or test ports for this source.

COMPLETE THIS FORM AND COMPLETE AND ATTACH APPROPRIATE B1 THROUGH B9 FORM FOR EACH SOURCE
Attach Additional Sheets As Necessary