

Asbestos Inventory

February



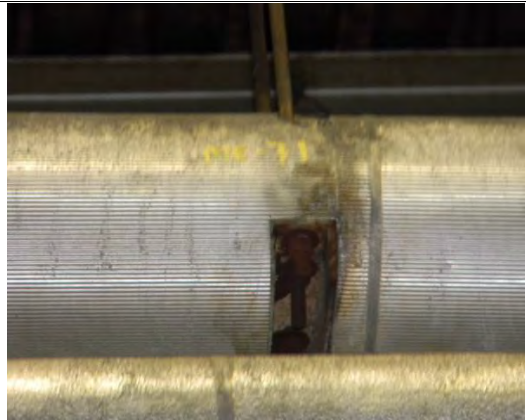
2014





Maritime Electric
Generating Station





Revision #2 – February 19, 2014
Revised asbestos inventory to
present state.





Charlottetown Thermal Generating Station - Asbestos Inventory





Updated February 2014





Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
1	p-001	No. 10 Turbine - 1st platform elevation / KL-89	HP Steam Pipe insulation (metal cladding with orange fittings)	18"	50	Yes	Ref: ME-069 80% Amosite	
2	p-003 p-004 p-005	No. 9 Turbine - Ground floor/ EF-78	Yellow Red Black	5"	120 120 120	Yes Yes Yes	ME-070 (yellow) 80% Amosite	
3	p-006	No. 9 Turbine - Turbine Floor/ CD-78	250 LB Aux Steam Line (metal cladding)	15"	175	Yes	ME-071 90% Amosite	

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4	p-007	No. 9 Turbine - Turbine Floor CD-78	Pipe insulation with Metal cladding	10"	15	Yes	Ref: ME-069 80% Amosite	
5	p-008	No. 9 Turbine - Turbine Floor CD-78	Pipe insulation/ Orange	6"	165	Yes	Ref: ME-069 80% Amosite	
6	p-009	No 9 Boiler (east side) 1st grate Level/ AG-78	Pipe insulation/ Orange	5"	100	Yes	Ref: ME-069 80% Amosite	
7	p-013 - 024	No. 9 Turbine Ground level DE-78	Pipe insulations orange / yellow	various sizes	--	Yes	*Approx. 50% complete.	


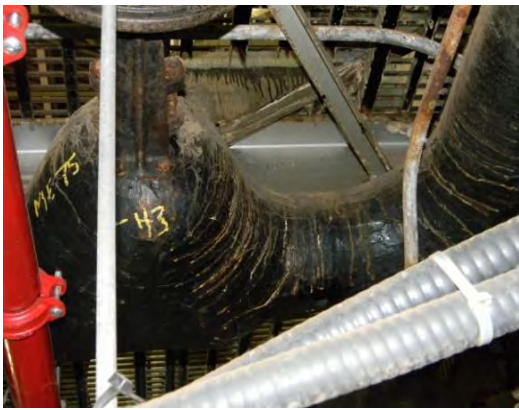


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Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
8	p-013	No. 9 Turbine Ground level DE-78	Pipe insulation to DFC flashbox/ yellow	12"	12	Yes	Ref: ME-070 (yellow) 80% Amosite	
9	p-014	No. 9 Turbine Ground level DE-78	Pipe insulation/ orange	20"	75	Yes	Ref: ME-069 80% Amosite	
10	p-015 p-016	No. 9 Turbine Ground level DE-78	Pipe insulation/ orange	10"	50 35	Yes Yes	Ref: ME-069 80% Amosite	
11	p-017	No. 9 Turbine Ground level DE-78	Pipe insulation/ orange	12"	35	Yes	Ref: ME-069 80% Amosite	

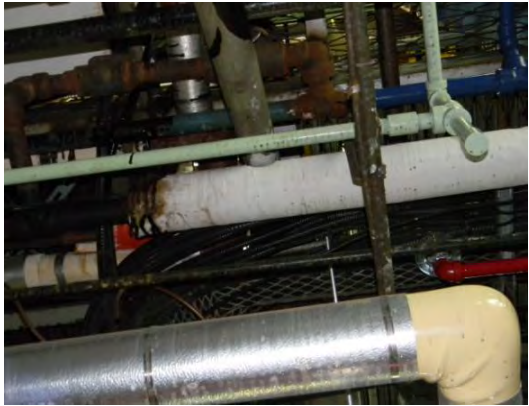


Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
12	p-018	No. 9 Turbine Ground level DE-78	Pipe insulation/ orange	6"	35	Yes	Ref: ME-069 80% Amosite	
13	p-019 p-020 p-021	No. 9 Turbine Ground level DE-78	yellow yellow orange	5"	30 30 30	Yes Yes Yes	Ref: ME-070 (yellow) 80% Amosite	
14	p-022	No. 9 Turbine Ground level DE-78	Pipe insulation/ orange	10"	20	Yes	Ref: ME-069 80% Amosite	
15	p-023	No. 9 Turbine Ground level DE-78	Pipe insulation/ orange	10"	15	Yes	Ref: ME-069 80% Amosite	




Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
16	p-024	No. 9 Turbine Ground level DE-78	Pipe insulation from DFC flashbox/ orange	20"	30	Yes	Ref: ME-069 80% Amosite	
17	p-025	No. 9 Turbine Ground level DE-78	Pipe insulation/ yellow	5"	8	Yes	Ref: ME-070 (yellow) 80% Amosite	
18	p-026	No. 9 Turbine/ CD-89	Pipe insulation/ orange	10"	50	Yes	Ref: ME-069 80% Amosite	
19	p-027	No. 9 Turbine Ground floor/ CD-89	Pipe insulation/ orange	5"	30	Yes	Ref: ME-069 80% Amosite	


Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
20	p-028	No. 9 Boiler Turbine level/ BC-78	Pipe insulation/ orange	16"	25	Yes	ME-74 90% Amosite	
21	p-029	No. 5 Boiler Top Platform AB-56	Pipe insulation with Metal cladding	10"	160	Yes	Ref: ME-069 80% Amosite	
22	Ref: same as p-008	No. 5 Boiler Top Platform BC-56 No access	Pipe insulation/ Orange	6"	included with total estimate previously indicated for P-008	No	Ref: ME-069 80% Amosite	
23	p-030	No. 9 Boiler Ground level AG-78	Pipe insulation/ yellow	5"	20	Yes	Ref: ME-070 (yellow) 80% Amosite	

Mechanical Friable Pipe ACM								Site Photo
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24	p-031	No. 9 Boiler Ground level AB-78	Pipe insulation with Metal cladding	6"	12	Yes	Ref: ME-069 80% Amosite	
25	p-032	No. 9 Boiler 1st grate level AB-78	Pipe insulation with Metal cladding	6"	20	Yes	Ref: ME-069 80% Amosite	
26	p-033	No. 5 Boiler Ground Level/ AB-56	Pipe insulation/ orange	5"	50'	No	Ref: ME-069 80% Amosite	

Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
27	p-037	No. 5 Boiler (north face) 1st elevation/ BC-56	Pipe insulation fibreglass with 1 ACM fitting	6"	1 elbow	No	Presumed ACM	
28	p-043	No. 8 Turbine Ground level/ CD-56	mech. Pipe insulation/ valve / black	10"	2 fittings	No	ME-075 25% Chrysotile	
29	p-044	No. 8 screen well area Ground level/ EF-45	Pipe insulation/ Orange	6"	50	No	Ref: ME-069 80% Amosite	
30	p-048	No. 7 Turbine Ground level/ DE-23	pipe insulation/ white	5"	15	No	ME-076 80% Amosite	




Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
31	p-049	No. 4 Boiler Ground Level/ AG-34	pipe insulation/ white	6"	25	No	ME-076 80% Amosite	
32	p-050	No. 4 Boiler Ground Level/ AG-34	pipe insulation/ brown	6"	50	No	ME-076 80% Amosite	
33	p-051	No. 4 Boiler (north) 2nd Platform from top/ AB-23	Orange	18"	35	No	Ref: ME-069 80% Amosite	





Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
34	p-052	No. 4 Boiler (top level) / AB-23	Pipe insulation/ yellow	5"	60	No	Ref: ME-070 (yellow) 80% Amosite	
35	p-053	No. 4 Boiler (top level to bottom level)/ AB-23	Pipe insulation/ yellow	5"	40	No	Ref: ME-070 (yellow) 80% Amosite	
36	p-054	No. 5 Boiler area (viewed from Turbine level)/ BC-67	pipe insulation with metal cladding	14"	30	No	Ref: ME-069 80% Amosite	
37	p-055	Boiler No. 6 (south end) 2nd level grate/ BC-1112	pipe fitting (restricted access) - presumed ACM	4"	10' 1 fitting	No	Ref: ME-076 80% Amosite	





Mechanical Friable Pipe ACM								Site Photo
Photo No.	Pipe ID#	Location / Grid ID	Design ID / colour	Approx. diameter	Approx. Length (l.f)	Re-Insulate (Yes/No)	Asbestos Content	
38	p-056 p-057	Ground level/ CD-1314	pipe insulation/ brown	6"	15 15	No No	ME-076 80% Amosite	





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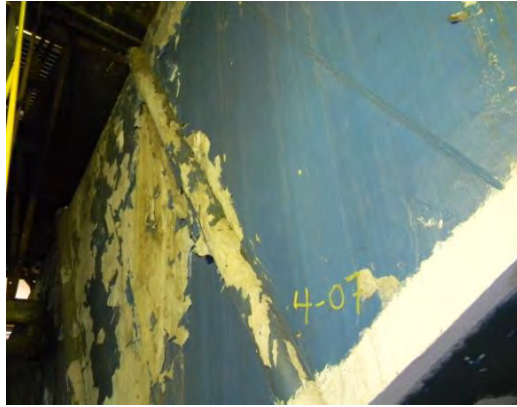
Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. Dimensions	Re-Insulate (Yes/No)	Asbestos Content	
1	m-001	No. 9 Turbine (east side) Ground level/ CD-89	Mech. Insulation on DFC flashbox/ Yellow	Dia. - 24" Length - 60"	Yes	Ref: ME-070 (yellow) 80% Amosite	
2	m-002	No. 9 Turbine (east side) Ground level/ CD-89	Mech. Insulation on DFC flashbox 2/ Yellow	Dia. - 18" Length - 24"	Yes	Ref: ME-070 (yellow) 80% Amosite	
3	m-003	No. 9 Turbine - Turbine level/ CD-89	Mech. Insulation on Feed water heater under metal casing		Yes	ME-028 55% Chrysotile	


Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. dimensions	Re-Insulate (Yes/No)	Asbestos Content	
4	m-004	No. 9 Turbine - Turbine level/ CD-89	Mech. Insulation on Feed water heater No. 2 under metal casing		Yes	Ref: ME-028 55% Chrysotile	
5	m-005	No. 9 Turbine - Turbine level/ CD-89	Mech. Insulation on Feed water heater No. 1 under metal casing	Diameter - 32" Length - 138"	Yes	Ref: ME-028 55% Chrysotile	
6	m-006	No. 9 Turbine - Turbine level/ CD-89	Mech. Insulation on Feed water heater No. 2 under metal casing	Diameter - 32" Length - 138"	Yes	Ref: ME-028 55% Chrysotile	
7	m-007	No. 9 Turbine - Turbine level/ CD-89	Mech. Insulation on Feed water heater No. 3 under metal casing	Diameter - 32" Length - 138"	Yes	Ref: ME-028 55% Chrysotile	

Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. dimensions	Re-Insulate (Yes/No)	Asbestos Content	
8	m-008	No. 9 VGNT Condenser Tank - Deaerator level	Mech. Insulation on VGNT condenser tank	Diameter - 30" Length - 144"	Yes	ME-023 45% Chrysotile	
9	m-009	No. 10 High Pressure Heater Unit 1st grate level/ KL-910	Mech. Insulation on High pressure heater unit under metal casing	Diameter - 40" Length - 138"	Yes	ME-010 45% Amosite 25% Chrysotile	
10	m-010	No. 10 Low Pressure Heater Unit No. 2 1st grate level/ KL-89	Mech. Insulation on Low pressure heater unit No. 1 under metal casing	Diameter - 40" Length - 138"	Yes	Ref: ME-010 45% Amosite 25% Chrysotile	
11	m-011	No. 10 Turbine Gland heater 1st grate level/ KL-89	Mech. Insulation on Gland heater unit under metal casing	Diameter - 24" Length - 78"	Yes	ME-010 45% Amosite 25% Chrysotile	

Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. dimensions	Re-Insulate (Yes/No)	Asbestos Content	
12	m-012	No. 10 Low pressure heater No. 1 1st grate level/ KL-89	Mech. Insulation on Low pressure heater unit No. 1 under metal casing	Diameter - 40" Length - 138"	Yes	Ref: ME-010 45% Amosite 25% Chrysotile	
13	m-013	No. 10 Turbine drain flash condenser 1st grate level/ KL-89	Mech. Insulation on Drain Flash Condenser under metal casing	Diameter - 24" Length - 78"	Yes	Ref: ME-010 45% Amosite 25% Chrysotile	
14	m-014	No. 10 High Level Tank Deaerator level	Mech. Insulation on High level tank	Diameter - 111" Length - 189"	Yes	ME-001 60% Chrysotile	
15	m-015	No. 10 High Level Tank Deaerator level	High level tank	Thickness - 3" Same as M-014, extra note to clarify thickness	Yes	ME-001 60% Chrysotile	

Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. dimensions	Re-Insulate (Yes/No)	Asbestos Content	
16	m-016	No. 10 High Level Tank Deaerator level	Pipe insulation with metal cladding below High level tank	Length - 9" Diameter - 12"	Yes	Ref: ME-069 80% Amosite	
17	m-017	No. 10 Boiler	Mechanical insulation within boiler walls	length (each side) 10' width - 25' height 42'	Yes	ME-005 25% Amosite	
18	m-018	No. 10 Boiler	New insulation under galvanized metal / ACM insulation under steel casing		Yes	ME-005 25% Amosite	
19	m-019	No. 10 Low Level Reserve tank LM-78	Mechanical insulation on Low level reserve tank	Diameter - 111" Length 189"	Yes	ME-008 60% Chrysotile	





Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. dimensions	Re-Insulate (Yes/No)	Asbestos Content	
20	m-020	No. 6 Turbine Feed Water Heaters Ground level/ CD-1112	Mech. Insulation on feed water heaters under metal casing	Each tank Diameter - 28" Length 72"	No	Ref: ME-028 55% Chrysotile	
21	m-021	No. 4 Boiler	Mechanical insulation within boiler walls		No	Ref: ME-005 25% Amosite	
22	m-022	No. 4 Boiler (top level)	Mech. Insulation steam drum		No	Ref: ME-005 25% Amosite	
23	m-023	No. 4 Boiler (east side)	Mech. Insulation stack (blue)		No	ME-047 60% Chrysotile	





Mechanical Friable ACM							Site Photo
Photo No.	Mech. ID#	Location / Grid ID	Design ID	Approx. dimensions	Re-Insulate (Yes/No)	Asbestos Content	
24	m-024	No. 4 Boiler (north side) Turbine level/ AB-23	Mech. Insulation steam drum		No	Ref: ME-005 25% Amosite	

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Non friable ACM							Site Photo
Photo No.	Non friable ID#	Location / Grid ID	Design ID	Approx. Area (ft2)	Replace (Yes/No)	Asbestos Content	
1	n-001	No. 10 Turbine side Turbine level/ F/7-10	corr. transite panel / wall	2450	No	Ref: 033 35% Chrysotile	
2	n-002	No. 9 Turbine side Turbine level/ F/7-10	transite panel / wall	2450	No	Ref: 033 35% Chrysotile	
3	n-003	No. 10 Turbine (east side) Ground level/ F/7-10	corr. transite panel / wall	660	No	Ref: 033 35% Chrysotile	

Non friable ACM							Site Photo
Photo No.	Non friable ID#	Location / Grid ID	Design ID	Approx. Area (ft2)	Replace (Yes/No)	Asbestos Content	
4	n-004	No. 9 Turbine (west side) Ground level/ F/7-10	corr. transite panel / wall	660	No	Ref: 033 35% Chrysotile	
5	n-005	No. 9 Boiler (east wall) adjacent to MGOH room Ground level/ G/7-10	transite panel / wall	900	Yes replace with similar materials as adjacent wall	Ref: 033 35% Chrysotile	
6	n-006	MGOH Room (west side) adjacent to No. 9 Boiler east/ 7-10/G	corr. transite panel / wall	900	No	Ref: 033 35% Chrysotile	
7	n-007	No. 9 Boiler (east wall) Upper level/ A/7-10	transite panel / wall	2000	Yes, replace with same materials as item #5	Ref: 033 35% Chrysotile	

Non friable ACM							Site Photo
Photo No.	Non friable ID#	Location / Grid ID	Design ID	Approx. Area (ft2)	Replace (Yes/No)	Asbestos Content	
8	n-008	No. 10 Boiler Deaerator Tank Level	transite panel / wall	225 (approx. 2 ft. visible surface area)	Yes, replace with similar material as adjacent wall.	Ref: 033 35% Chrysotile	
9	n-009	No. 9 Boiler Deaerator Tank Level	transite panel / wall	170 (approx. 2 ft. visible surface area)	Yes, replace with same material as #8	Ref: 033 35% Chrysotile	
10	n-010	GA Compressor No.4 area Ground level/ AG-12	transite panel / wall	120	Yes, replace with materials to match adjacent plant walls.	Ref: 033 35% Chrysotile	
11	n-011	No. 9 Turbine Area (north wall) restricted height access turbine level/ A-F/7	transite panel / wall	150 (approx. 2 ft. visible surface area)	Yes, replace with similar materials as adjacent wall.	Ref: 033 35% Chrysotile	

Non friable ACM							Site Photo
Photo No.	Non friable ID#	Location / Grid ID	Design ID	Approx. Area (ft2)	Replace (Yes/No)	Asbestos Content	
12	n-012	No. 5 Boiler area (offices) Turbine level/ North A-G/7 South A-G/4	transite panel / wall	North - 50 South - 156	Yes, replace With Fire Rated Gyproc	Ref: 033 35% Chrysotile	