DATE 3/7/2011

DAILY LOG OF EVENTS
EAGLE INDUSTRIAL HYGIENE ASSOCIATES, INC.

JOB DESCRIPTION: Tunnel inspections

CLIENT: Arsenal 100269

TIME	EVENT
0730	On site Meet Tom S, Enter tunnel - Bsmt B-127, turn east to 1st main N/S tunnel, turn S passing B-126 thru 123. Just past B-121, we find evidence of improper abatements, w/ clear bags, stacked pipe sections, ready for bagging, rolls of clear bags, resp cartridges, suits, bags filled w/ dry WB, debris all over pipes. Evidence ends just past B-120. Proceed to first turn west past B-120, find brown trash bags full of WB pipe insulation (7) on pallet in C-1 Bsmt vault, under B-116. Records in boxes on pallets outside vault dated 1986. Proceed west & find evidence of improper abatement in tunnel section leading to B-39. Find black asbestos waste bags, stripped pipe, debris on pipes, though not heavily contaminated. Return east to main tunnel past B-120, crossing east at 1st opportunity to the eastern main steam tunnel, running N/S under Craig Road. Find evidence of improper abatement, w/ large amounts of clear bags full of dry WB debris, no glove bags, rolls of Bags, resp cartridges. Improper abatement area stretches from B-228 up North past B-230. Find clear bags used as drop clothes under pipes, which are covered w/ debris. Pipes are covered w/ insulation debris. Tom S has taken photos, I turn past B-228, w/ debris on pipes & no insulation evident for another approx 100 LF down S side of B 228. Proceed N up tunnel under Craig road to main tunnel (E/W) from B-301 toward B-58. Return to B-127 Bsmt. Decon. Exit.
1500	off site

DATE 3/8/2011

DAILY LOG OF EVENTS
EAGLE INDUSTRIAL HYGIENE ASSOCIATES, INC.

JOB DESCRIPTION: Tunnel Survey

CLIENT: Arsenal 100269

TIME	EVENT
1030	On site. Meet w/ Thom S. Begin survey of steam tunnel originating in access hatch @ Bldg 150, SE corner (aluminum manhole cover over hatch). Move South along tunnel passing B-149 spur toward B-248, where tunnel has been crushed w/ concrete debris. Note approx 200 LF of tunnel impacted by questionable removal, waste bags filled w/ dry WB pipe insulation, much debris on pipes, roll of unused waste bags, rolls of duct tape. Box from clear asb waste bags dated May 2010. Collect bulk sample. Take photos. Proceed east from B-149, same situation, turn north to fence line - tunnel crushed.
≅ 1130	Finish this section. Drop to tunnel @ B-127 BSMT w/ Thom S as Safety watch. Move S past B-123, B-121, where we find evidence of improper removal, and production methods, pipe sections stacked, ready for bagging, w/ waste bags full of debris, (dry), resp cartridges, no glove bags, rolls of unused waste bags, used suits. Take photos. Turn west to B-116, & again encounter C-1 vault under B-116, where I count 7. double brown bagged trash bags in vault, filled w/ WB, dry, set on a pallet. Take photos. Turn east, following tunnel to B-219 & 220. Intact pipe insulation to this point, enter BSMT B-220, pipes clean, find 1 elbow w/ debris, (minor) BSMT RR, B-220. Return & exit via B-127.
1630	off site (KC)

[illegible] [illegible] [illegible] [illegible]

[illegible] B-150 to B-248 tunnel, debris + bags, SE corner B-150 toward crushed section @ B-248

[illegible] [illegible] area - main tunnel - N & S.

[illegible] B-121 area main tunnel N & S.

[illegible] B-130 area main tunnel

[illegible] 30 B-130 area - main tunnel - means & methods

[illegible] B-112 storage vault - Brown trash bags w/ suspect ACM.

[illegible] 36 B-200 basement ?

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3/8/11

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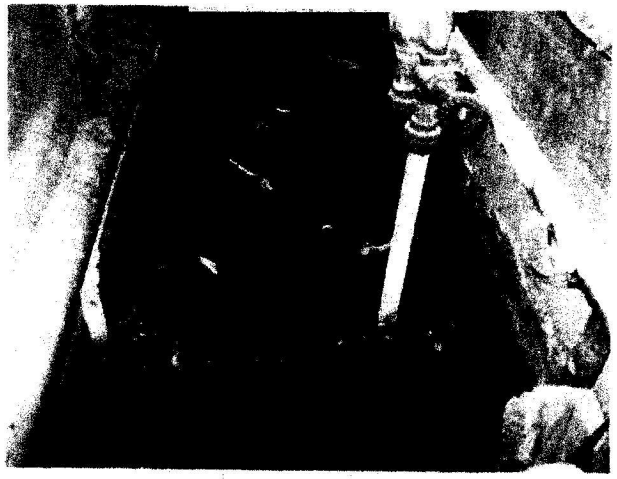

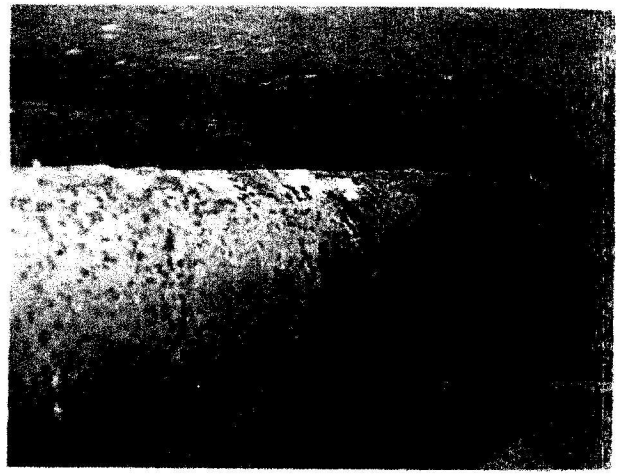

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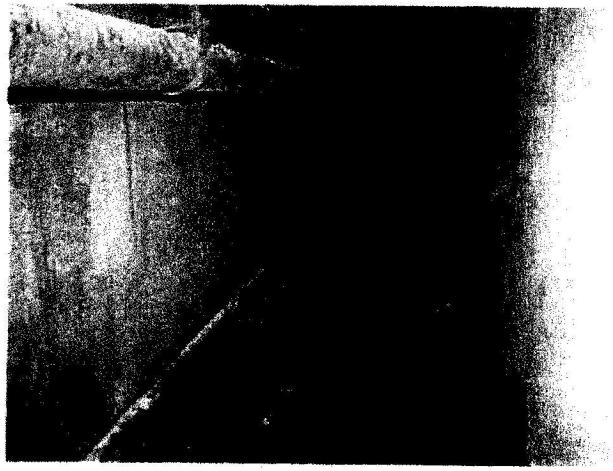

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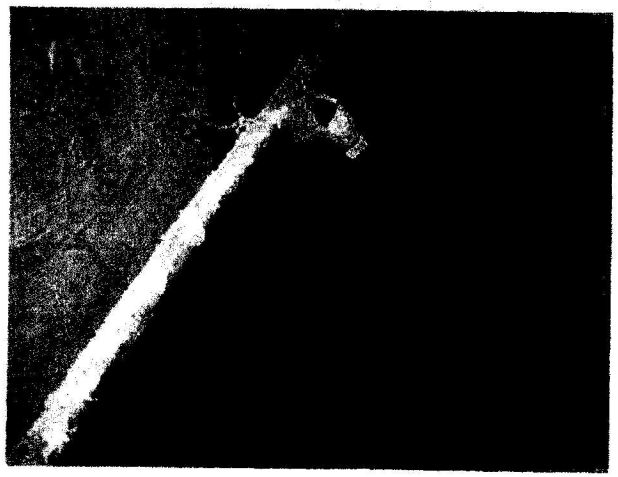

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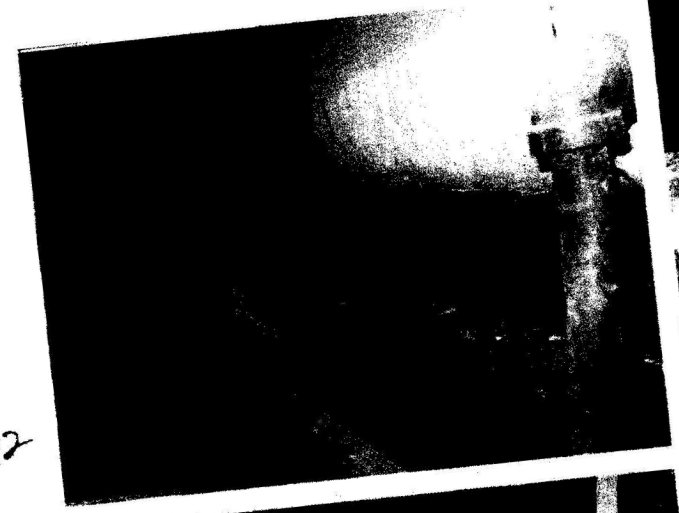

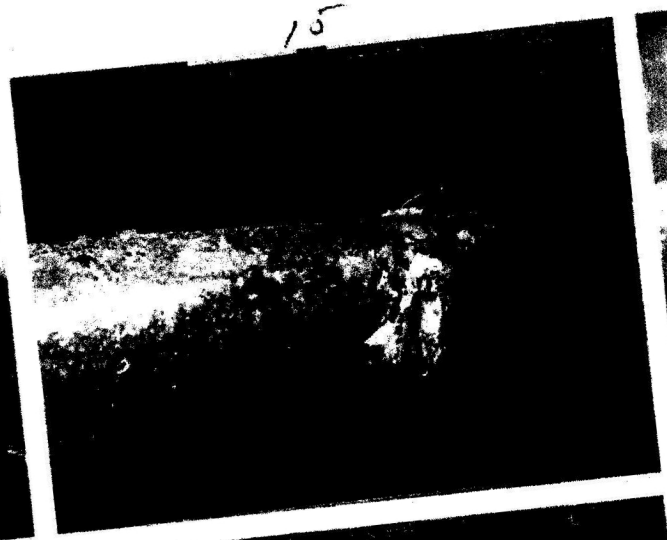

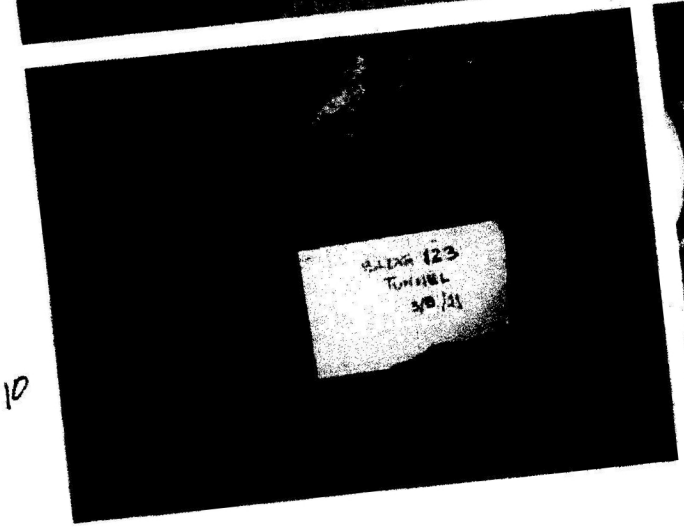
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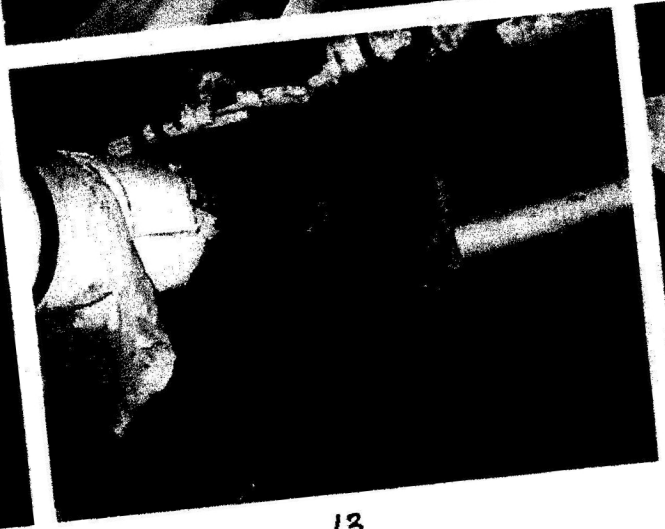
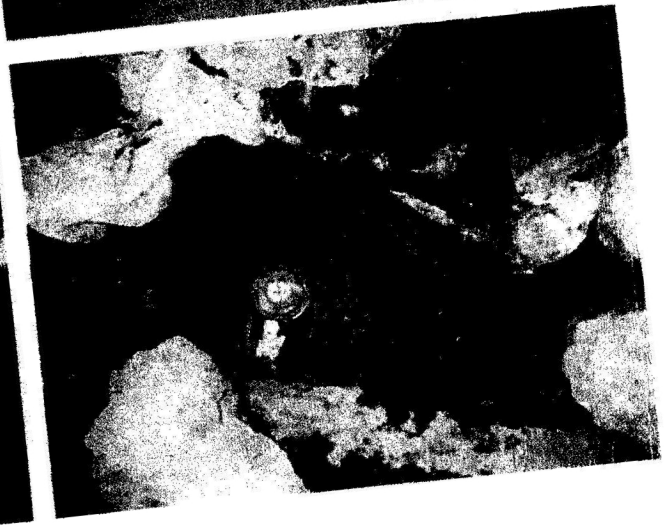
TUNNEL





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3-8-11

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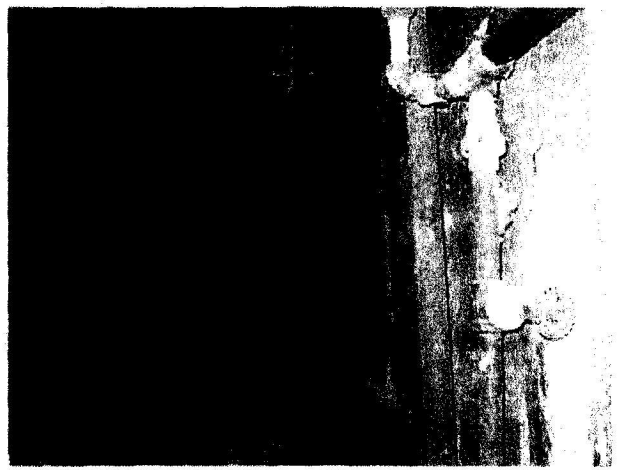

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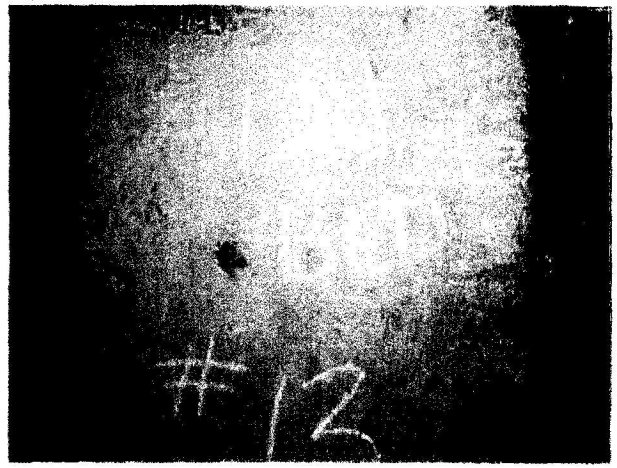

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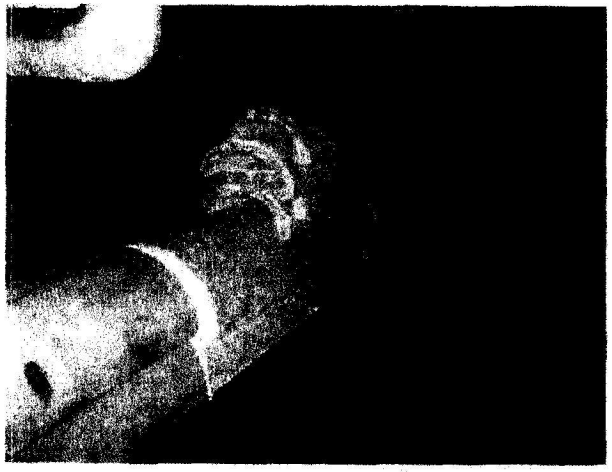
3-8-11



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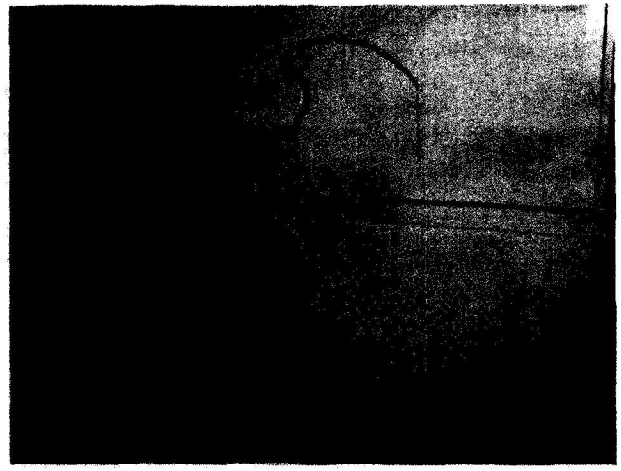

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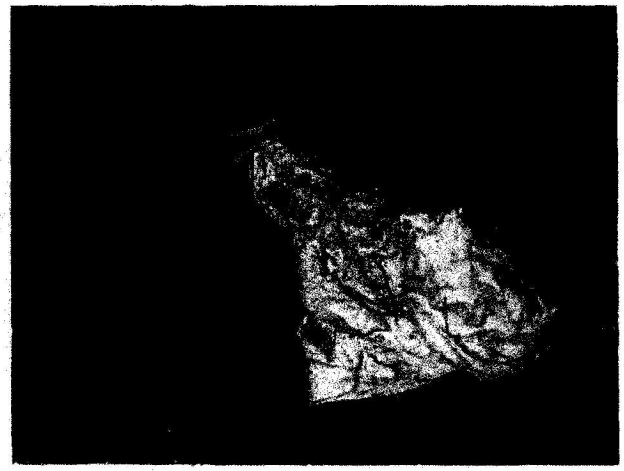

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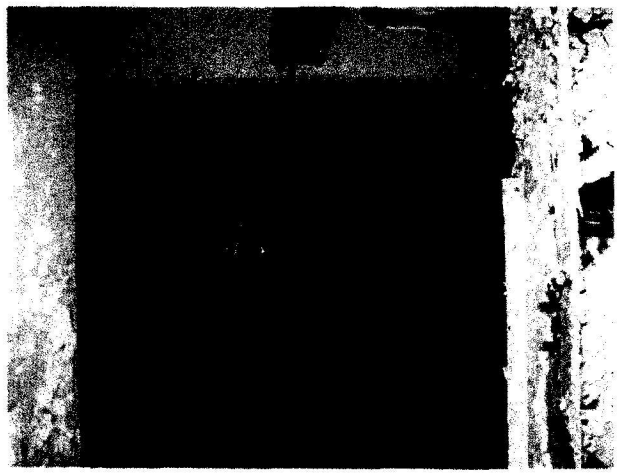

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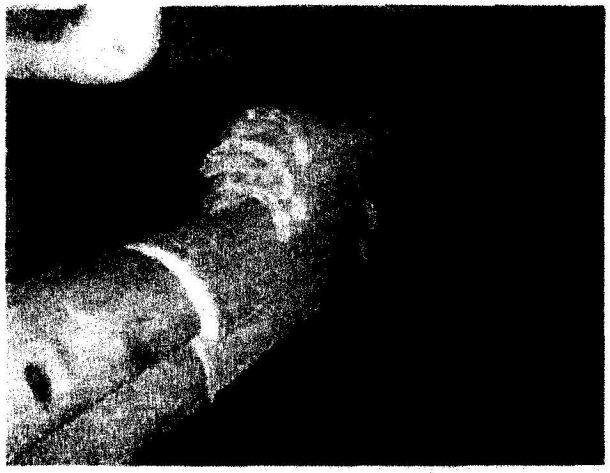
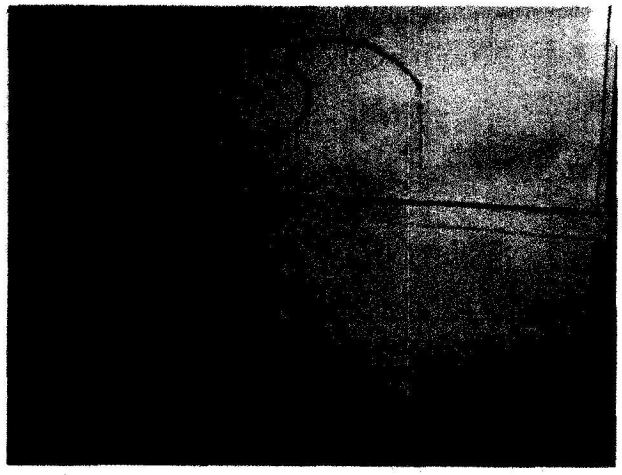
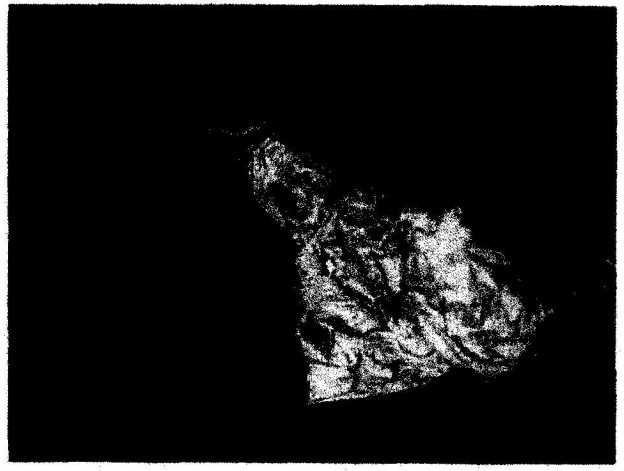
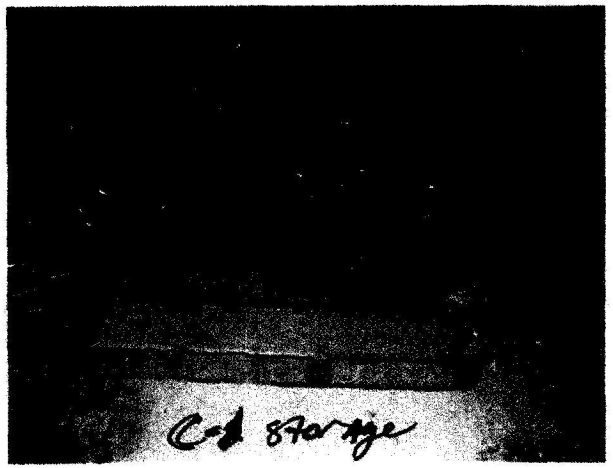
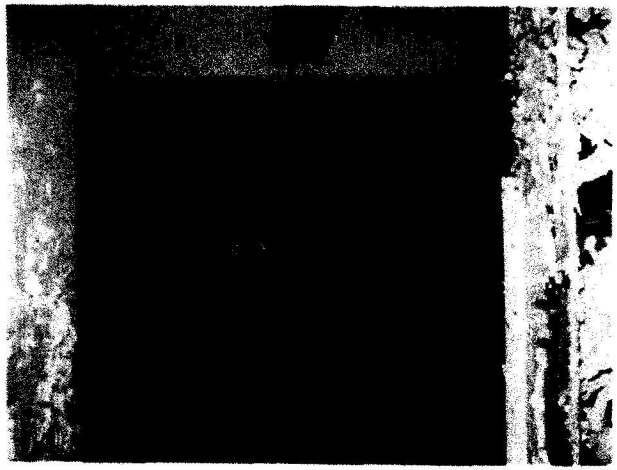
3/8/11 P4 Building 120 Area



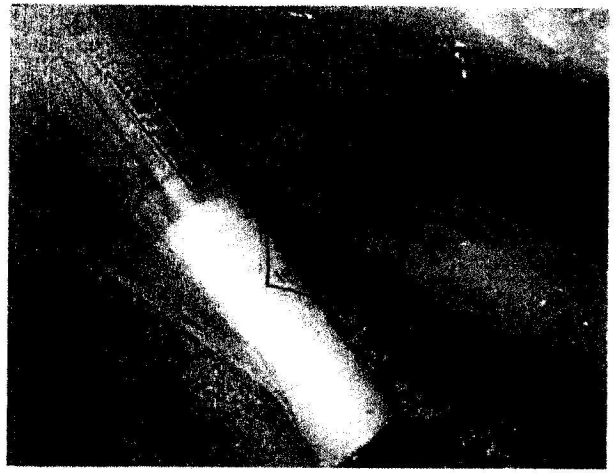


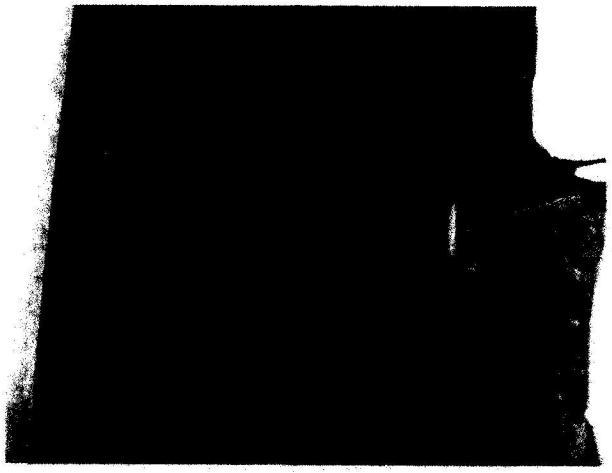


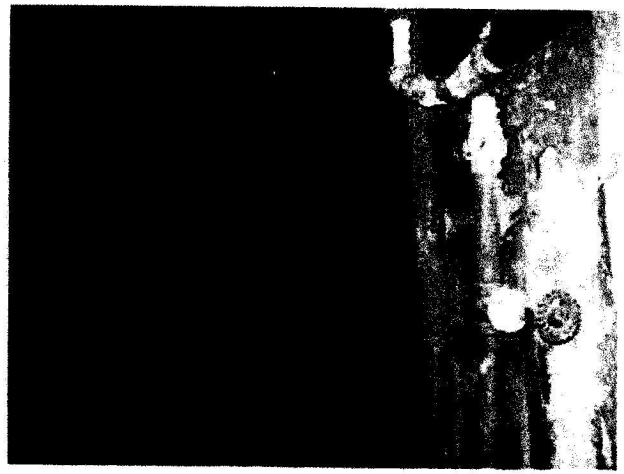


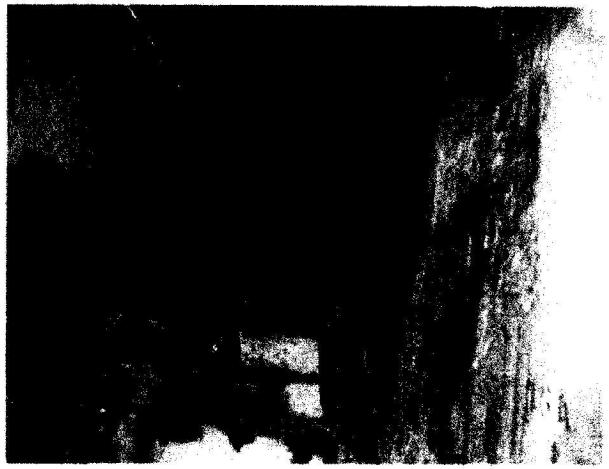


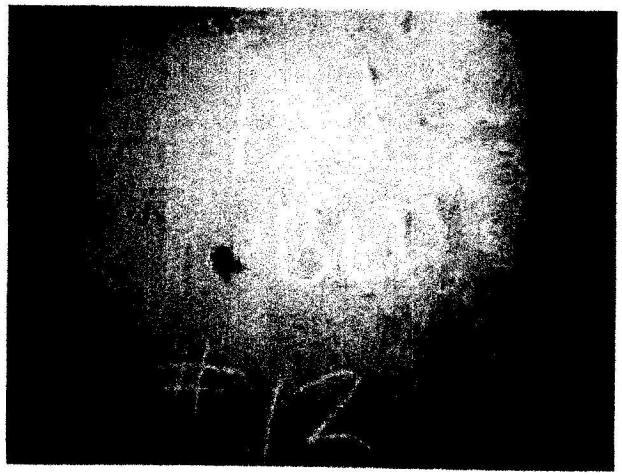
3/8/11 p3 BLDG 121 AREA











DATE 3/10/21

DAILY LOG OF EVENTS
EAGLE INDUSTRIAL HYGIENE ASSOCIATES, INC.

JOB DESCRIPTION: tunnel inspection

CLIENT: Arsenal 100269

TIME	EVENT
1015	On site. Meet Thom S. Proceed to east side of B-150, where H&K has exposed top of pipe tunnel running north to fenceline. Tunnel has been crushed, filled w/ chunks of concrete. take photos. No insulation evident, but have only seen top of tunnel.
1030	Move to B-128 BSMT. Begin survey of elec tunnel running east out of BSMT, looking for source of debris in pipe racks. Racks mostly stripped of wire, w/ some suspect debris on a few of the metal wire racks, out of several hundred. Collect rack piece for sample, take photos. Also find tape where 4" elec cables exit wall into B-128 BSMT.
1200	Out of B-128. Lunch.
1230	Return to B-127 BSMT Start again into tunnels. Tunn East from B-127 to the 1st Main N-S branch, turning S to end, then East, then South along main tunnel past B-215. No evidence of improper abatement, insulation damaged, but intact, tunnel restricted by new pipe, mid point B-215. Return to tunnel passing C-1 BSMT, under B-116, to main tunnel past Quarters 2-10. Proceed S on this tunnel w/ Thom S as Safety. Improper abatement evidence observed from B-23 tunnel intersection to B-4, approx. 600 LF of tunnel (4 lines) - 2400 LF impacted pipe. Suspect insulation debris covers pipes, find black labeled asb waste bags, some full of WB debris. No glove bags. Poly barrier, partially intact, west side B-14. take photos, Return same way to B-127 BSMT. Decon. Exit.
1530	Offsite. Review drawings offsite w/ Thom S.

Photo log B-[illegible] towards

[illegible] B-[illegible] north toward fence - excavated section of crushed tunnel

[illegible] B-[illegible] East side electrical tunnel - debris in rocks - trace only, appears to be efflorescence.

[illegible] B-128 - insulation inside wire chase

[illegible] B-123 - B-121 - insulation - main N-S tunnel

[illegible] B-116 Basement - C-1 vault area

[illegible]-22 Basements - unknown buildings

[illegible]-48 B-23 to B-4 insulation & waste bags, debris - main Qtrs tunnel

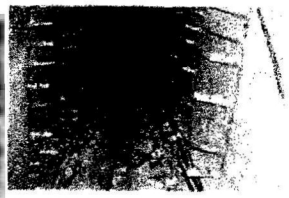
[illegible]-54 B-14 Basement

[illegible]-56 B-4 to B23 - insulation debris, waste bags - main Qtrs tunnel - way out past previous photos.

March 10-tunnels 001

March 10-tunnels 002

March 10-tunnels 003

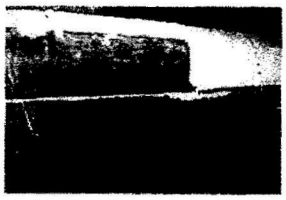

March 10-tunnels 004

March 10-tunnels 005

March 10-tunnels 006

March 10-tunnels 007

March 10-tunnels 008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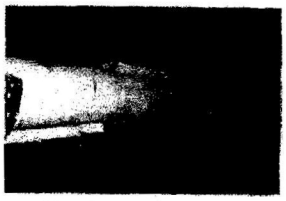
March 10-tunnels 010

March 10-tunnels 011

March 10-tunnels 012

March 10-tunnels 013

March 10-tunnels 014

March 10-tunnels 015

March 10-tunnels 016

March 10-tunnels 017

March 10-tunnels 018

March 10-tunnels 019

March 10-tunnels 020

March 10-tunnels 021

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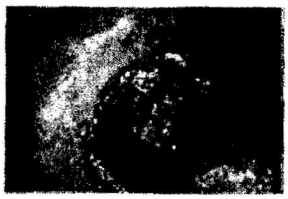
March 10-tunnels 023

March 10-tunnels 024

March 10-tunnels 025

March 10-tunnels 026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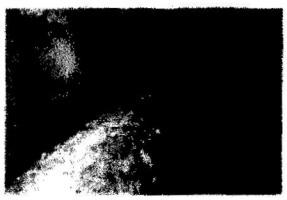
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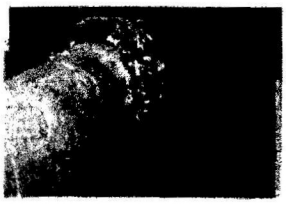
March 10-tunnels 029

March 10-tunnels 030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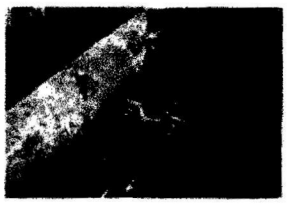
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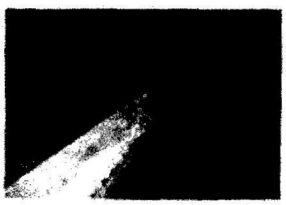
March 10-tunnels 034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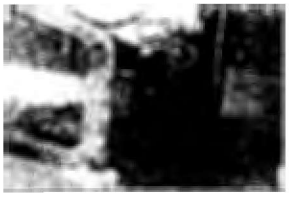
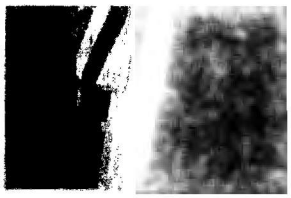


March 10-tunnels 036

March 10-tunnels 037



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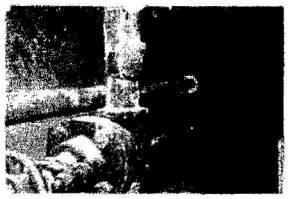
March 10-tunnels 039

March 10-tunnels 040

March 10-tunnels 041



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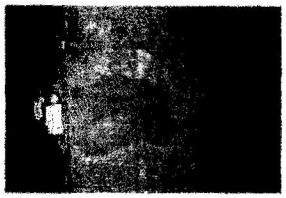
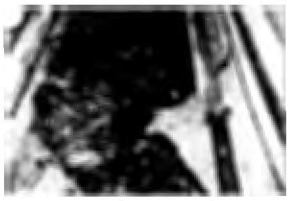


March 10-tunnels 043

March 10-tunnels 044

March 10-tunnels 045



March 10-tunnels 046

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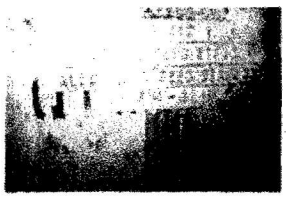
March 10-tunnels 050

March 10-tunnels 051

March 10-tunnels 052



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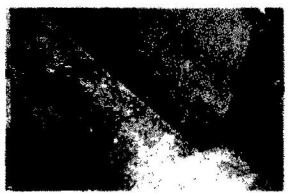
March 10-tunnels 056



March 10-tunnels 057

March 10-tunnels 058