

WORK ORDER (CONTROLLED MAINTENANCE) L.R. # 19.30
 (MULTIPLE WORK CENTER)
 MINS 11014/12 (REV 10-81)

ACTIVITY
PUBLIC WORKS DEPARTMENT

PA 040 REFERENCE 0225 PAO CODE
 PWC# P8-0367-0225 PLAN ATT. YES NO

WC DESCRIPTION OF WORK
REPAIR THE CHROME FUME SCRUBBERS AT BLDG 225

THE INTENT OF THIS JOB ORDER IS TO PROVIDE FUNDS FOR LABOR AND MATERIAL TO CLEAN AND REPAIR BOTH CHROME FUME SCRUBBERS AND TO REPLACE THE POLYGRID AND MIST ELIMINATOR PAD IN BOTH SCRUBBERS AT BLDG. 225.

"JOB IN PROGRESS"

NOTE: SPLASH PROTECTION, CONSISTING OF RUBBER BOOTS, GLOVES, COVERALLS, AND PLASTIC FACE SHIELD IS REQUIRED DURING CLEANING AND DEBRIS REMOVAL PER C/106.
 ALL DEBRIS AND THE REMOVED GRID AND PADS SHALL BE PUT INTO DRUMS FURNISHED BY WC-88.

TC 1-3	JOB ORDER		4-13	KO 14-18
C1	947261001C		098	
LC 20-21	WK GEN	23	TYPE 41	DATE 70-88
02	<input type="checkbox"/> INSP	<input checked="" type="checkbox"/> OTHR	A	80315
ESTIMATE				
WC 17	MH 23	LABOR \$ 28	MAT'L 35	TOTAL \$ 40
720	493	9,515	10,416	19,931
750	40	772	500	1,272
880	160	3,088	16,800	19,888
TOTAL	693	13,375	27,716	41,091
OVERHEAD/SURCHARGE				
GRAND TOTAL				41,091
TC 1-3	START DATE	42-47	COMPL DATE	48-53
C13				

REC'D PW 402.52
 15 MAR 88 10:23
 WVC 72 [493 M.H.]

COMPLETE

SECURE BOTH SCRUBBERS. REMOVE BOTH UPPER AND LOWER ACCESS COVERS. REMOVE ALL THE EXISTING POLYPROPYLENE TELLERETTES PACKING AND CLEAN IN BLDG. 225 HYDROCHLORIC ACID TANK. AND RINSE IN THE RINSE WATER TANK. REMOVE ALL THE EXISTING POLYPROPYLENE GRID AND POLYVEKAR MIST ELIMINATOR PAD. DISPOSE OF THE GRID AND PAD IN DRUMS SUPPLIED BY WC88.
 FLUSH AND CLEAN THE ENTIRE INTERIOR OF THE SCRUBBER INCLUDING NOZZLE HEADERS AND SCRUBBER SUMPS. REMOVE ALL THE

PRIORITY 2

"NO ASBESTOS DETECTED"

EST COMPL DATE ESTIMATOR 2-9-88 WORK AUTH APPROVED Jal FUNDS APPROVED Dee Boyle 3-15-88
FORNEY Desman 3/14/88

DISTRIBUTION 115.2 402 402.2 420 (4) 440 () 453.4 () 457.4 (//) 630.211 () 403 () 3480 () NSAB2 ()

CNTL OF 3

WORK ORDER CONTINUATION SHEET (CM)

12ND MINS 11014/9 (REV 5-72)

WORK ORDER NO. (JO/KO)

947261001C 098

LOCATION/TITLE

BLDG. 225 CHROME SCRUBBERS

P8-0367-0225

WORK CENTER
NUMBER

DESCRIPTION OF WORK

SPRAY NOZZLES, CLEAN AND THEN RE-INSTALL. CLEAN AND RE-GLUE THE NOZZLE HEADERS THAT ARE LOOSE.

REMOVE THE EXISTING 2" VALVES ON THE NOZZLE HEADER SUPPLY PIPE AND REPLACE WITH NEW 2" NIBCO PVC VALVES. REMOVE THE 200 PSI GUAGES AND INSTALL NEW 60 PSI GUAGES.

AFTER THE UNITS HAVE BEEN CLEANED AND FLUSHED, INSTALL THE BOTTOM ACCESS COVERS. TAKE THE UPPER ACCESS COVERS TO THE SHOP AND CLEAN UP AND HAVE WC 75 FABRICATE NEW PLEXGLASS COVERS TO MATCH.

LAYOUT AREA ON THE SQUARE FIBERGLASS DUCTWORK ABOVE THE SCRUBBER FOR WC 75 TO CUT NEW 26" X 26" ACCESS HOLES FOR INSTALLATION OF THE NEW GRIDS AND MIST ELIMINATOR PADS.

RE-INSTALL AND LEVEL THE OLD PACKING IN BOTH SCRUBBERS. INSTALL THE NEW FRP GRIDS AND 4" POLYPRO MIST ELIMINATOR PADS IN BOTH SCRUBBERS.

ASSIST WC 88 IN FLUSHING AND CLEANING THE RECIRCULATION TANK. FLUSH WITH FRESH WATER UNTIL THE WATER IN THE TANK IS CLEAR.

INSTALL THE REMAINING PLEXIGLASS ACCESS COVERS AND NOTIFY O/421.1. DAN FORNEY, EXT. 2381 AND O/442. PAUL FAULKERSON, EXT. 2421 PRIOR TO STARTING THE UNITS. THEN RUN THE RECIRCULATION PUMPS ONLY FOR 30 MINUTES TO WASH AWAY ANY REMAINING PARTICULATES FROM THE PACKING. CHECK SPRAY NOZZLE PERFORMANCE AND AREA OF COVERAGE ON THE PACKING FROM THE NOZZLES. THEN TURN COMPLETE SYSTEM ON AND CHECK FOR PROPER OPERATION. CODE 421 AND CODE 442 WILL TAKE READINGS.

WC 75 [40] M.H.

LAY OUT AND CUT A 26" X 26" ACCESS HOLE INTO THE SQUARE FIBERGLASS DUCTING ON TOP OF THE FUME SCRUBBERS.

WORK ORDER CONTINUATION SHEET (CM)

12ND MINS 11014/9 (REV 5-72)

WORK ORDER NO. (JO/KO)

947261001C 09B

LOCATION/TITLE

BLDG. 225 CHROME SCRUBBERS

PB-0367-0225

WORK CENTER
NUMBER

DESCRIPTION OF WORK

WC 72 WILL MARK OUT THE LOCATION. FABRICATE AND INSTALL A 1/4" THICK PLEXIGLASS COVER WITH GASKET AND STAINLESS STEEL BACKING PLATE OVER THE ACCESS HOLE.

FABRICATE AND INSTALL 1/4" THICK PLEXIGLASS COVERS USING THE COVERS THAT WC 72 PROVIDES AS TEMPLATES. ONTO THE UPPER ACCESS HOLE ON THE SIDE OF THE SCRUBBER.

FABRICATE AND INSTALL A 1/4" THICK, 25 1/4" X 32 1/4" PLASTIC COVER WITH GASKET TO BLOCK OFF THE EXISTING DUCT OPENING ABOVE THE CHROMIC TRIOXIDE CHROME SOLUTION TANK. VERIFY THAT THE DAMPER IN THE DUCTWORK FROM THE ROUND CHROME SOLUTION TANK IN THE CORNER IS IN THE FULLY CLOSED POSITION.

WC 88 [160]M.H.

PROVIDE MEANS TO PUMP OUT, AND DISPOSE OF THE WASTE IN THE RECIRCULATION TANK PRIOR TO AND AFTER WC 72 CLEANS THE SCRUBBERS. PUMP OUT AND DISPOSE OF THE CONTAMINATED HYDROCHLORIC ACID TANK AND THE RINSE WATER TANK THAT WERE USED TO CLEAN THE PACKING FROM THE SCRUBBERS. PROVIDE DRUMS TO WC 72 AND PROVIDE MEANS OF DISPOSING OF THE CONTAMINATED FILTER MEDIA FROM THE SCRUBBERS.