

CC: S. H. MARKETTE
AREA I.H. NOTEBOOK

4/5/83

PLAINTIFF'S
EXHIBIT
DUP-1898

To: S.W. Ellis
From: O.N. DANIELSON

1ST QTR INDUSTRIAL HYGIENE REPORT - CENTRAL SHOPS

FUMES

SOLDERING AND BRAZING FILLER RODS WERE ANALYZED. ONLY TRACE QUANTITIES OF LEAD WERE FOUND. SOME RODS WERE COMPOSED OF ZINC AND/OR CADMIUM WHICH INDICATES RESPIRATORY PROTECTION SHOULD CONTINUE TO BE USED FOR BRAZING/SOLDERING. THERE WERE NO PROBLEM ELEMENTS IN FLUX.

PERIODIC MONITORING OF FIELD, CONFINED SPACE WELDING, CONTINUED. ONE TOTAL DUST EXPOSURE WAS $14 \text{ mg/m}^3 \text{ TWA}$ IN ACIDS WATER TREATMENT VESSEL. VESSEL HAD BEEN SAND-BLASTED AND SOME PAINT WAS BURNED DURING WELDING.

MONITORING OF WELDING GASSES WAS ALSO DONE.

NOISE

OCTAVE BAND ANALYSIS OF GRINDER NOISE WAS DONE. NOISE REDUCTION MATERIALS WILL BE SELECTED AND INSTALLED ON PORTABLE PANELS. AN EMPLOYEE SUGGESTION WAS RECEIVED ON THIS SUBJECT ALSO.

BEGAN USING REDUCED NOISE AIR NOZZLES FOR BLOWING CHIPS & AREA CLEANING.

COMMUNICATIONS

STUDY INDICATING METHYLENE CHLORIDE AS WEAKLY CARCINOGENIC WAS COMMUNICATED TO ALL EMPLOYEES.

CHEMICAL INVENTORY

CHEMICAL INVENTORY WAS UPDATED AND EXPANDED PER NEW GUIDELINES. SEVERAL ITEMS WERE RECOMMENDED FOR EXEMPTION FROM IRA.

ORIENTATION

ALL TRAINEES ON 5 WEEK ROTATION TO THE SHOPS WERE GIVEN AN INDUSTRIAL HYGIENE ORIENTATION ON OUR SPECIAL SITUATIONS.

ASBESTOS

ALL ASBESTOS CONTAINING CABLES FOR INDUCTION HEATING WERE DISPOSED OF.