FILE NAME: Todd Shipyards (TODD)

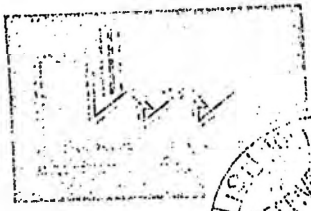
DATE: 1973 Nov 2

DOC#: TODD007

DOCUMENT DESCRIPTION: Letter to Todd Shipyards from Frederiksen Engineering Co

F. McElhill
J. O'Hara
M. Maxwell

FREDERIKSEN
ENGINEERING CO., INC.
TISHMAN AIRPORT CENTER
6151 WEST CENTURY BLVD. ~ LOS ANGELES, CA 90045
TELEPHONE AREA 213 641-7574





November 2, 1973

Mr. Frank McElhill
Todd Shipyards Corporation
Los Angeles Division
P. O. Box 231
San Pedro, Ca.

Air Monitoring Tests
Proposal No. 7311-339

Dear Mr. McElhill:

Thank you for taking the time to show me around your joiner shop and warehouse last Friday.

We propose to sample the air in the joiner shop, hull 100 - house area, and warehouse or asbestos gasket cutting area in accordance with OSHA 29 CFR Part 1910.93 asbestos. We propose to fulfill the initial determination, personnel monitoring and environmental monitoring requirements with one set of duplicate samples taken in each of the above-mentioned areas. We will determine the time weighted averages based on your best approximation of the maximum amount of time spent by a worker engaged in each of the asbestos fibre cutting activities.

We maintain records with regard to testing, but we do not consider it practicable to maintain records of each person employed in an area where asbestos fibers may be present. We feel that this is more properly a function of your personnel or safety departments. As a consequence, we have not included the cost of personnel record keeping in this proposal.

We will need a source of 120 V. electrical power within 25 feet of the testing area. We also assume that no flammable liquids or vapors will be present (your Safety Standards for Outside Contractors Part 15 Fire Protection, Sub part (d)) so that our standard electrical equipment can be used.

We will provide sampling and a report containing the results of our sampling and laboratory analysis in accordance with OSHA and the California Safety Orders for a not-to-exceed cost of $1,350.

Cost for preparation of sampling gear, travel to and from test location and report preparation will be billed at the hourly rate of $23 per manhour. (This rate includes normal overhead and field equipment.) Laboratory analysis to determine size and quantity of asbestos particles collected will be $75 per sample. (Method used assumes all particulate matter collected is asbestos.) Any special laboratory tests requested will be in addition to the quoted not-to-exceed cost and will be billed at $40 per manhour. Travel and incidental expenses will be billed at cost.

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Any sampling requested in addition to that outlined or any holdup of sampling through no fault of Frederiksen will increase the not-to-exceed price and will be billed at the aforementioned rates. No allowance has been included in the not-to-exceed amount for post test office conferences. If such conferences are requested, a separate agreement can be arranged.

We anticipate that sampling can be started on approximately one week's advance notice.

I feel compelled to point out that this sampling will only meet the OSHA regulations for the initial six month period if a concentration exceeding the permissible exposure limits is found. Should such a concentration be found, additional testing at a minimum of six month intervals will be required.

Thank you for considering Frederiksen Engineering for this project. Enclosed is a brochure which outlines a cross section of our personnel and capabilities. If you have any questions regarding this proposal or any other matters, please feel free to call.

Very truly yours,

FREDERIKSEN ENGINEERING CO., INC.

James L. Doane/sp

James L. Doane
Staff Engineer

JLD:lf
Encl.