

## Attachment 1B

## OSHA MEDICAL REQUIREMENTS

| From OSHA<br>Standard on                                                                                                                                                                                                                                                                                                                                                              | To Whom<br>Examinations Available                                                           | Schedule of Workers<br>Requiring Medical Exams |                                                   |                                                                                                                                                     |                                                                                                                                                                                                                    | Special Recommendations                                                                                                                                                      |                                                                                 | Medical Record<br>Requirements After<br>Employment Terminated |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             | Preplace-<br>ment                              | Present<br>Employees                              | Annual                                                                                                                                              | Examinations                                                                                                                                                                                                       | Biologic<br>Monitoring                                                                                                                                                       |                                                                                 |                                                               |
| Asbestos                                                                                                                                                                                                                                                                                                                                                                              | Workers exposed to asbestos<br>fibers                                                       | Within 30 days of<br>employment                | X                                                 | X<br>(and terminal)                                                                                                                                 | chest x-ray; pulmonary<br>function; history of<br>respiratory illness                                                                                                                                              | --                                                                                                                                                                           | 20 years                                                                        |                                                               |
| Vinyl Chloride                                                                                                                                                                                                                                                                                                                                                                        | Workers exposed to 0.5 ppm<br>vinyl chloride averaged over<br>8-hr. workday                 | X                                              | X                                                 | X<br>(every 6 months<br>for workers em-<br>ployed in vinyl<br>chloride or<br>polyvinyl<br>chloride manu-<br>facturing for<br>10 years or<br>longer) | Look for enlargement of<br>liver, spleen or kid-<br>neys; dysfunction in<br>these organs; abnor-<br>malities in skin, con-<br>nective tissue and<br>pulmonary system; med-<br>ical history on speci-<br>fic topics | blood-total billi-<br>rubin; alkaline<br>phosphatase;<br>SGOT; SGPT;<br>gamma glutamyl<br>transpeptidase<br>(other tests<br>recommended if<br>results show<br>abnormalities) | duration of employment<br>plus 20 years, or 30<br>years, whichever is<br>longer |                                                               |
| Inorganic Arsenic                                                                                                                                                                                                                                                                                                                                                                     | All workers occupationally<br>exposed to > 1/2 proposed<br>standard of 0.004 mg As/<br>cu m | X                                              | 6 months<br>after<br>standard<br>promul-<br>gated | X<br>(6 months for<br>employees with<br>> 10 year<br>occupational<br>exposure to<br>arsenic)                                                        | skin; chest x-ray;<br>palpation of<br>superficial lymph<br>nodes                                                                                                                                                   | blood count                                                                                                                                                                  | Employees with > 1 year<br>exposure -- 20 years                                 |                                                               |
| Carcinogens<br>4-Nitrobiphenyl<br>alpha-Naphthylamine<br>4,4'-Methylene bis<br>(2-chloro-aniline)<br>Methyl chloromethyl<br>ether<br>3,3'-Dichlorobenzidine<br>(and its salts)<br>bis-Chloromethyl ether<br>beta-Naphthylamine<br>Benzidine<br>4-Aminodiphenyl<br>Ethyleneimine<br>beta-Propiolactone<br>2-Acetylaminofluorene<br>4-Dimethylaminoazobenzene<br>N-Nitrosodimethylamine | Workers assigned to<br>regulated areas                                                      | Before assigned<br>to regulated<br>area        | X                                                 | X                                                                                                                                                   | --                                                                                                                                                                                                                 | --                                                                                                                                                                           | Record forwarded to<br>Director of NIOSH                                        |                                                               |

April, 1975