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STANDARD OIL COMPANY OF LOUISIANA
MANUFACTURING DEPARTMENT
SUMMARY OF MEDICAL ACTIVITIES
1938

I.L. George, M.D. and C. M. Allen, M.D.
Baton Rouge, La.

riers it seemed logical
tting the disease to
ol measures, such as
handlers and servants,
c instructions, etc.,

ica Infections
Aruba

Organization

Frequency Rate
Amebic Colitis

36.84
4.88
1.58
.61

num.

ce for the years 1935-
referred to were put in
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e it seems safe to con-
on amebic infection in
all other known meth-
because measures for
a marked reduction

e elsewhere, we shall con-
handlers in our camps
the contrary than

The Medical Department is organized for the purposes of conducting periodic examinations of all Refinery employees; doing employment and lay-off examinations; conducting special examinations for retirement or retention in service, special examinations for illness that might be created by industrial hazards, and foreign service examinations; treating of all minor and major injuries that occur on the job; supervising, and where feasible, giving advice to our employees who are on the sick report; attempting to build up a better and more efficient personnel in the future by means of various psychological tests; treating at the Refinery Hospital conditions of minor nature received off the job that will aid the employee to stay at work; supervising the sanitation of the Refinery and the placement of men in positions which they can competently fill because of various physical or mental disabilities; conducting immunization against colds, boils and typhoid, and frequently giving vaccines recommended by outside doctors in order to keep the men on the job (many patients bringing their own vaccine prescribed by physicians to prevent going to town for treatment), and in general serving as medical advisors to the employees and the Management in any problem they may present.

Personnel

The personnel of the Medical Department consists of four-
teen individuals; two full-time physicians, who do examina-
tions and supervise in general the entire work of the Medical
Department; two nurses, one who spends practically her entire
time on the road visiting sick employees and giving them what-
ever advice she can to aid in their early recovery, and the
other whose duties consist of general supervision of the hos-
pital, keeping up supplies and giving intelligence tests; one
technician, who takes care of all laboratory examinations as

Welders (Eye Examinations)

Eye examinations of all welders have revealed nothing abnormal. However, after conversation with the Mechanical Superintendent, it appears that the Medical Department should examine these welders at reading distances as well as distant vision. One or two cases have shown up in which vision was interfering with work, yet when checked for distance their eyes were normal. Placing of glasses on these employees corrected their visual difficulties. The Safety Department furnishes electric welders prescription goggles whenever recommended by an oculist.

Dust Hazards

The vacuum cleaning system in the Lubricating Filter building is now in operation. It appears, however, at this time that adjustments will be necessary in order to properly control the dust cleaning up operations. The dust collection system is in process of installation and will not be completed for about sixty days; therefore, no comments can be made at this time on the unit.

Provisions are being made in the crusher unit where cork and asbestos are handled to control the dust by means of a blower and duct which are connected to the feed hopper and discharged to a point outside the door.

A study is being made of sand blasting operations at Baton Rouge Refinery with the view of locating a sand blasting shop at a point remote from where men gather, with facilities for controlling the dust and preventing it from being liberated in the atmosphere.

Motors and blowers have been installed in connection with the tool grinders and abrasive brushes in the Salvage and Reclamation shop. Similar units are on hand and will be installed in the near future in connection with the Yankee tool grinder and Universal tool grinder in the Machine shop.

It has been indicated by various authorities that it would be interesting to see x-ray pictures of men that had been employed for many years as electric welders and we plan at the next examination of welders to take x-rays of their chests.

An estimation has been prepared and forwarded to the local Management covering the installation of a fume removal system in the building where acetylene brazing and welding operations are carried out.

Detailed examinations with x-ray of the lungs of all men

working in dust hazards, including Filter building employees, sand blasters and asbestos workers, are made each year. Some of these individuals there does seem to be some increased markings in the lungs, but it has not been found necessary to make any recommendations for removal of any of these from their occupations.

Chemical Plant

The Chemical Plant has been out of service for some time until recently; therefore, at present it is manufacturing small batches of catalyst for experimental purposes and there are no particular hazards involved.

Laboratories

Examinations are conducted on men in the laboratories who handle lead, Benzol and other toxic materials. To date, one has been found to show toxic symptoms.

Catalytic Polymerization Plant

The screening of the catalyst prior to charging the towers at this plant presents a dust problem and adequate protection is provided in the open by the use of proven dust respirators. When handling the catalyst in an enclosed area, such as down in the towers, fresh air masks and rubber gloves are worn. This catalyst when subjected to moisture will burn the skin and rubber gloves and rubber goggles are used in addition to a respirator whenever handling the material in a moist state.

Proper Placement Of Disabled Employees

The Medical Department continues to have its problems among employees who suffer disabilities of varying degrees. The Management gives their full cooperation in securing work that is suitable to these disabled men.

Equipment

During 1938 three infrared lights were added to the equipment of the Medical Department. Also six tablet-chairs have been added for the use of men taking intelligence tests. It is anticipated and hoped that the Medical Department will be

to purchase a machine has obsolete and inadequate. It is hoped also, which the diagnosis, progress that with this can be furnished as the local M and, no doubt have been many equipment be added. It is anticipated as the 1939 budget

Examinations - Per
Examinations - App
Outside visits by
Approved for return
Laboratory examine
X-ray examinations
Physiotherapy treat
Accidents - No Lost
Accidents - Redress
Sick Cases - No Lost
Non-industrial ac
Sick - Office visits
Non-industrial ac
Average number of
Total No. of cases
Total No. of days
Total No. of cases
Total No. of days
Daily average - n
Daily sickness rate
Total No. of accidents
Total No. of days
Daily average - r
Daily accident rate
Frequency rate per
Frequency rate per
Days lost per case