

# *Management Information System*

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**Various Medical Parameters  
Of Employees at  
**APCOTEX  
INDUSTRIAL LTD.****

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# **OCCUPATIONAL HEALTH CHECK-UP AT APCOTEX INDUSTRIAL LTD.**

Occupational health is the application of preventive medicine in all aspects of employment.

It is based on five basic principles covering legislative as well as ethical principles of work. These principles are as follows.

1. Preventing occupational health hazards at work.
2. Protecting workers health against hazards at work.
3. Adopting work and the environment to the capabilities of the workers.
4. Promoting the physical, mental and social well being of the workers.
5. Curing and rehabilitating and work related diseases.

## **PREVENTION OF OCCUPATIONAL DISEASES**

The prevention of occupational diseases is based on two principles.

1. Elimination of control of the casual agent in the work place.
2. Surveillance of the health of the workers.

After being employed in the industry it is necessary that the worker be re-examined periodically at fixed intervals with special diagnostic tests for early detection of ailments.

It is rightly said that

**The strength of an organization depends on the health's of its workers.**

It is with this motive that Dr. Anjali Patil and Team conducted a periodic medical examination of the employees

**THE PROCEDURE FOR THE MEDICAL CHECKUP IS AS FOLLOWS: –**

**Counter 1 – Registration – Height – Weight**

Each staff member is registered and given a data collection form in which the important data like Name, Age and department and employee number is noted. His Height, Weight and detailed past history with present complaints is noted with special reference to occupational related ailments.

**Counter – 2 - Vision Test**

This is mainly a screening test where the near vision and distant vision of the employee is assessed.

Procedure – with the help of near and distant vision charts the employee is checked without glasses and also with glasses. The ISHIHARA test book for colour blindness is used for checking the colour vision.

**Counter 3 – Pathology**

Procedure – The blood sample of the employee is collected by the trained personnel by using all disposable in the sterile container.

#### **Counter 4 – Lung Function Test**

The lung function test with the help of Spirometer is for the assessment of respiratory disability in occupational lung diseases.

Procedure – The subject is comfortably seated in such a way that he can below into the instrument without leaning forward. He then places his mouth firmly over the mouthpiece & inspires fully and expires maximally.

#### **Counter 5 – Clinical Checkup**

After all the special investigations such as biochemical tests, Pulmonary Function tests Radiography & other investigations are over the worker is clinically examined with B.P record & general examination.

#### **Counter 6 - Audiometry**

The Audiometry of the person is done in the sound proof room with a portable diagnostic audiometer using state of the art – micro control circuit to detect the incidence of hearing loss.

#### **Counter – 5 ECG**

The Electrocardiogram is used to elucidate cardiaae arrhythmias and conduction defects and diagnose ischemia and infraction. It is a very important test, which can be conveniently performed at the factory site.