Prospects and Opportunities

An engineering specialist points out a problem to his colleague.

Fairchild sets high standards in order to maintain its leadership in the semiconductor industry. It is applied especially to the people they employ.

The people Fairchild looks for are matured, responsible and co-operative. They are allowed to be individualistic and encouraged to be creative but they must also appreciate the advantage of teamwork.

On its part, Fairchild maintains the following principles for the benefit of its employees: it operates in a manner that demonstrates good communications, honesty, trust and openness. It is responsive to realistic suggestions and is sensitive to people and their needs.

Fairchild pays fair and equitable wages and maintains a system that rewards employees on the basis of job knowledge, performance against goals, objectives and skills.

The company recognizes the need for training and expects it to be a day to day activity. It also maintain long range training and development programs for its employees.

Fairchild's Operations consist of the ABPM, DIC, HIREL, MOS and QA business groups. Engineers and technicians who are working in these groups are holders of degrees and diplomas respectively. Their majors are mainly Electronics, Electrical, Mechanical, Chemical, Production or Industrial Engineering. The work they are involved in are grouped under the following areas:

Product Engineering

This area concerns mainly the investigation of product problems and their failure analysis. A major task of the product engineers is to ensure that the high yield and quality of the products tested are maintained and the problems are solved immediately in order to meet schedules. They are also responsible for qualifying new processes and materials for cost reduction and yield improvement. Besides their technical role, they are also involved in assisting management in forecasting yield and cycle time and supervising product support technicians in ensuring the smooth running of production with minimum down time.

Test Engineering

This area of engineering is concerned with the development of software required for IC testing. This includes the debugging, editing and updating of test programs. Test Engineers with the assistance of technicians are also responsible for reviewing test methods with the aim of improving test accuracy and reducing of test time. In addition, they will have the opportunity to