Report Number R14

A REPORT ON

CURRENT PRODUCTIVITY OF

ASSEMBLY DEPARTMENT

AND

WAYS TO INCREASE

OUTPUT

FOR

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PREFACE

On account of rapid decrease in production of Assembly Department necessary step was taken to prepare a report. In the year 2011, the production drastically fell down to 56% from 85% in duration of two years. Being an issue of major concern surveys, questionnaires and findings were done in assembly department.

Current productivity in Assembling Department data is assumed and results are shown with appropriate graphs and pie-charts.

ACKNOWLEDGEMNT

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ABSTRACT

Under guidance of Smt. Alka Mehta and with collaborations with co-worker major facts at sites such as non functioning of machines was observed.

Decrease in workers is another issue and cause of fall in productions.

Current tie-up with Larsen and Tubro in joint project of heavy motors is scheduled to November 2011.

In collaboration with SAC India, Hydraulic motor project is proposed to be started.

INTRODUCTION:

Due to drastic fall in productivity output Assembling Department of Mahindra and Mahindra, required surveys were done which included visit to sites, going through amounting paperwork and files.

Observations were recorded and are enclosed herewith a proper solution.

* WHAT WENT WRONG???

One of the major cause is increased work on individual worker as in the year 2011 23% of the experienced workers retired. New work force was appointed which fails to give desired output.

Lack of experience and expertise in this field lead to major roll back in production output.

Secondly during surveys it was noticed the Department lacked in machinery. The existing ones are old and many are out of order.



Current Productivity of Assembling Department:

In the year 2017 the heavy motors production assumes to 70% of targeted amount. On the other hand Mahindra and Mahindra light weight motors raised their productions by 15-23% as compared to last year.

Companies like Larson & Toubro and Essar Ltd. have proposed to join hands for joint project on production of heavy motors. It is assumed to start by November of this year and expected to complete by December 2020 with tenure of being 2 years, 3 months.

Our competitor Larsen and Toubro have been assuring us in heavy motor production by 5 % and in light weight machines we lead by 10.3%.

In coming year we plan to introduce a new technology hydraulic motor in collaboration with SAC India.

Our recruit rates have been increased, The Pie chart shows the further details.

CONCLUSION:

Surveys and questionnaires included and work load are attached herewith. To sum up major problem has been identified with work for less experienced workers are tending to as a threat on company.

RECOMENDATIONS:

A training for new workforce under Bombay branch is proposed. With the experienced guides our workers will be expert to high level production areas.

New machinery is to be installed. A detail of machinery is enclosed here with. It comes up with a budget of two crores. By its installation the output products are to be increased by minimum of 5.23% in a year.

To reduce the workload I propose recruitment or transfer of some workers from different branches of Mahindra and Mahindra.

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