



Maharashtra shikshan samiti

MAHARASHTRA MAHAVIDHYALAYA, NILANGA

REPORT ON INDUSTRIAL TRAINING

PARAKH AGRO INDUSTRIES,

BHANDGAON

YEAR (2023-24)

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Class: B. Voc. (3rd year)

Division: Web Printing Technology.



Kotkules.D.

Preface

As a part of web printing technology curriculum and in order to gain Knowledge in the field of printing technology, we are required to make a report on “industrial training”. The basic objective behind doing this report is get knowledge tools of printing and packaging.

In this project report we have included various concepts, effects and implications regarding quality control in packaging industry.

Doing this project helped us to enhance our knowledge regarding the work in to the packaging industry. In this report I tried to give workflow of quality control department. I have tried to find the problem which is faced by the quality control department as well as trying find the path to solve the problem.

Through this report we come to know about importance of team work and role of devotion towards the work. First of all, thanks to our teachers each of whom has provided patient advice and guidance throughout the process. Thank you all for your unwavering support.

ACKNOWLEDGEMENT

I express my deep gratitude and appreciation to those who agreed to participate in this project, for their time expended and courage in sharing their insights with a fledging student. It is to them that I am most indebted, and I can only hope that the product of our collaboration benefits each one as much as I benefited from the process.

I had been immeasurably enriched by working under the supervision of Mr. Dhananjay S. the assistant quality manager, who has great level of knowledge and who has an art of encouraging, correcting and directing me in every situation possible, which has enabled me to complete the training. I am also thankful with Mr. K. pusdekar sir (Plant Head, Green Pack Industry), Mr. Kulkarni sir (HR Manager), Mrs. Deshmukh (Manager Quality Control) and Mr. Giri sir (Production manager) and remaining staff for supporting and giving chance to complete the training.

Also, I thank our teacher Kakade sir, Patil sir, Chaudhary sir for supporting us. In this training we learn lot of things because of our teacher. I acknowledge to all the people who have involved and supported me in making this report.

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1) Introduction of Quality Control Department:

In green pack industry there is department for control the quality of material and product. The main objective of department is producing quality product and decrease the defects in the product. Quality control involves testing of unit and determining if they are within the specifications for the final product. The purpose of the testing is to determine any needs for corrective actions in the manufacturing process. Good quality control helps companies meet consumer demands for better products. Most of the consumer products are packed in cartons for transport.

Quality testing involves each step of the manufacturing process. Employees often begin with the testing of raw materials, pull samples from along the manufacturing line and test the finished product. Testing at the various stages of manufacturing helps identify where a production problem is occurring and the remedial steps it requires to prevent it in the future.

➤ Roll of quality control inspector:

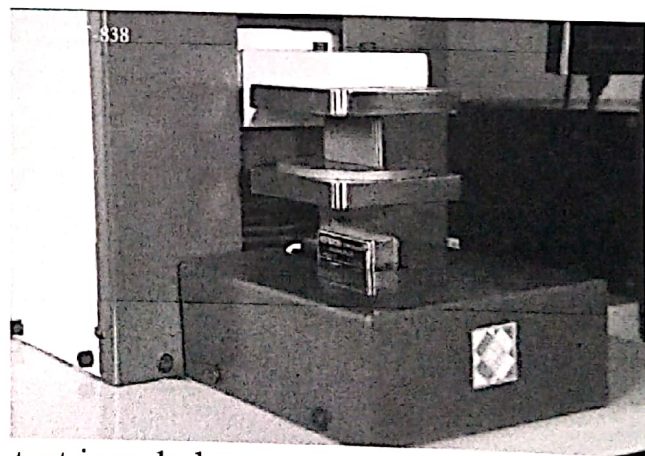
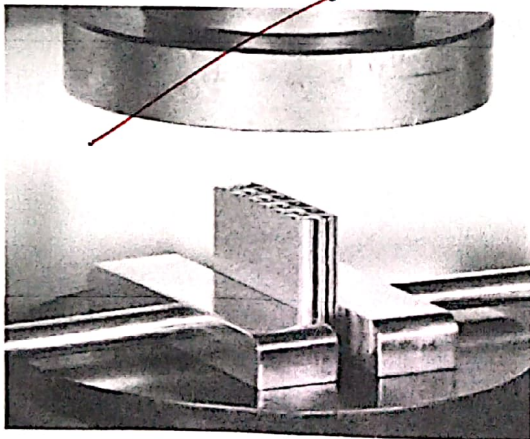
Quality control inspectors protect the consumer from defective products and the company from damage to its reputation due to inferior manufacturing processes. If the testing process reveals issues with the product, the inspector has the option of fixing the problem himself, returning the product for repairs or tagging the product for rejection. When issues arise, the inspector notifies supervisors and works with them to correct the problem.

2) Edge Crush Test:

➤ Significance:

An edge crush test is a testing method used to measure the durability of a corrugated board. The edge crush test (ECT) gives valuable information regarding the strength of particular board to resist crushing. Corrugate box resistance strength is measured by the edge crush test and the ability of corrugated board to resist crush is specified in edge crush test (ECT).

This test is carried only for boards. Paper has minor edge so this test is done for only boards.



The procedure of edge crush test is as below.

Take a representative sample of board in dimension 30x52mm. Take such 5 samples. The samples must be free from any damage and wrinkles.

1. Cut the sample with the help of ECT template, 30mm in flute direction and 52 mm in length.
2. Place a cut sample in given ECT block, perpendicular to platen.



MAYUR PRINTERS

ISO 9001 : 2008

- D . T . P .
- OFFSET
- DESIGN
- SCREEN
- COMPUTER STATIONERY



Date: 05/04/2024

To Whomsoever It May Concern

This is to Certify that **Gholap krishna Namdev** Student of Maharashtra Mahavidyalaya Nilanga, studying in 2nd year of B.voc. Degree course entitled "Web Printing Technology." He has successfully completed as "Quality" industrial training in Five months in our organization from 01/12/2023 to 31/03/2024.

Hence the certificate.

For Mayur Printers



Authorized Signatory