Operation Process of Tampco Foils Ltd.
INTERNSHIP REPORT

ON

“Operation Process of Tampaco Foils Ltd.”

Submitted To:

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Ummul Wara Adrita
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BRAC Business School
BRAC University

Subject: Submission of Internship Report.

Dear Madam,

With great enthusiasm, here I submit my internship report on “Tampaco Foils ltd.” Work under its operations Department that you have approved and assigned as a compulsory requirement of the BUS 400 course. I have given utmost dedication and concentration to make the internship report so that I could prepare a successful internship report. It is a great opportunity for me to present my internship report under your supervision. I am very thankful for your guideline and support.

I tried to put my best effort for preparing the internship report. Yet if any shortcomings or flaws arise, it will be my pleasure to answer any clarification and suggestions regarding this report.

Yours Faithfully,

Tawsif Chowdhury
ID-12104093
BRAC Business School,
BRAC University
Acknowledgement

At the very outset, i am thankful to almighty Allah for giving me strength, courage, and ability to complete the internship program as well as the internship report on time. In the course of completing this report, i had assistance from a number of people without their support this report could never be completed. For that reason, i like to thank them from the bottom of my heart.

I am cordially thankful to Mr. Dr. Syed Mokbul Hussain, chairman of Tampaco Foils Ltd for giving me the opportunity to do my internship in his organization. I would like to take the opportunity to thank Mr. Tanvir Hussain, Managing Director, and Mr. Saifus Sami, Deputy Managing Director for their support.

I am also extending my heartfelt thanks to Mr. Rejaul Kader Chowdhury, Manager Operations for his creating a friendly environment and making me feel that working is really enjoyable.

I also express my deep gratefulness to my colleagues who gave me their idea for preparing me this report. Without their time and dedication, my depth of knowledge about the subject could not be flourished and the report will never be completed within this period of time.

I like to give my heartiest admiration to Mrs. Ummul Wara Adrita my internship supervisor for supporting me and directed me to the proper way to complete the report.

Thank you all for making my report come to an end within the time.
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Executive summary

Tampaco Foils Ltd. (TFL) is one of the leading Paper Converting & Flexible Packaging material manufacturers in Bangladesh. Tampaco provides a wide range of packaging services to several top-notch companies like British American Tobacco Bangladesh Ltd, Nestle Bangladesh Ltd, Pran, Abul Khayer Group, Ispahani food products, BD Foods Ltd and so on. It was a great pleasure for me to do my internship at Tampaco Foils Ltd. Printing and Packaging in Bangladesh is comparatively a young industry by world standards. Tampaco Foils Ltd is one of the pioneer companies of Printing and Packaging in Bangladesh. I was assigned to work in the operations Department of Tampaco Foils Ltd and it was a wonderful experience to work with Tampaco Foils Ltd. My report contains a concise study on this company and “Operation Process of Tampaco Foils Ltd.” To complete this report I went through the Manufacturing Capabilities, Short description of machines, Calculation of total operation process of Tampaco Foils Ltd. I tried to put different factors of operation process for preparing the report.
1. Introduction

1.1 Origin of the report:

To complete the academic requirement of BBA (Bachelor of Business Administration) students of BRAC Business School have to complete their internship to gather practical experience by working professionally. The report, titled “Overall Operation Process of Tampaco Foils Ltd” has been equipped to satisfy the particular requirement of my internship of BBA program of BRAC Business School, supervised by Ummul Wara Adrita, Lecturer BRAC Business School. I have been attached with Operations Department of Tampaco Foils Ltd since January 12, 2016 and I have prepared this report in alignment with my assigned responsibilities. It is a great experience to know about the real corporate world beyond academic knowledge.

1.2 Objectives:

The Primary objective of this report is:

- To understand the effectiveness of operation process of Tampaco Foils Ltd.

In addition to that, the report has few secondary objectives which have tried to uncover:

- To meet the practical experience of operation process.
- To gain knowledge about printing and packaging industry.
1.3 Methodology:

**Primary Data Source**
- Direct Interview
- Formal Discussions

**Secondary Data Source**
- Internet
- Official website

1.4 Primary:

Primary data was collected from the production manager and operations manager. I asked several questions about the industry and also about the market position of Tampaco Foils Ltd.

Another primary data source was formal discussions with the other employees and workers who run the machines.

1.5 Secondary:

Secondary data was collected from internet. There was not much information about the printing and packaging industry in internet.

The main source of data was collected from the official website of Tampaco Foils Ltd.
Printing and Packaging in Bangladesh is comparatively a young industry by world standards. However, from a very modest beginning the packaging industry has come of age now and has really taken off during the last two decades or so. Today it can be said with pride that all types of packaging products specially based on paper and paper board, plastic film, aluminum foil are manufactured locally. Qualities of locally produced packaging material are excellent and comparable to international standard.

Packaging industries are fully capable to meet the local requirements. There is also sufficient technical manpower to run these industries. The local industries are regularly updating their technical know-how keeping in line with the technological advancement of this sector. The pre-press facilities available here are also up to the highest standard of the present age.

Tampaco Foils Ltd. (TFL) is one of the leading Paper Converting & Flexible Packaging material manufacturers in Bangladesh. Tampaco Foils Ltd. (TFL) capable of supplying all kinds of printing and packaging products of distinguished design and outstanding quality.

From time to time, this company emerged as one of the leading manufacturers of Paper Converting & Flexible Packaging Materials. Now Tampaco Foils Limited is a company with a reputation for producing excellent quality printed products at competitive prices and delivering
the goods on time. Today Tampaco Foils Ltd. is recognized as the biggest name in the field of packaging industry with unsurpassed level of quality product.

2.1 Company History:

Tampaco Foils Ltd. (TFL) started its journey in 1978 in the field of Flexible and Tobacco Packaging. Back in that time Bangladesh was just moving towards industrialization and TFL was the first company to recognize the emerging needs of local packaging in consumer goods in the booming country. Since then, TFL have come a long way. As Bangladesh’s largest and leading packaging company, TFL is continuously innovating and coming up with fresh ideas to make packaging better, every day.

2.2 Mission:

Taking packaging ahead by setting the highest standards in our products through quality, innovation, reliability, commitment, cost efficiency, customer service, and growing together with our customers.

2.3 Vision:

Company’s vision is to provide the finest packaging solutions in Asia Pacific Region.

2.4 Manufacturing Capabilities:

The company has wide range of sophisticated converting equipment’s and long term reliable resources that gives it the capability and flexibility to meet all packaging needs of customers. Typical manufacturing facilities available are:

- Pouch manufacturing
- Eight color gravure printing
- Laminating
- Slitting

**Feature on pouches:** Three side seal, two side seal, one side seal, and Zipper capabilities.

**Feature on printing:** Surface and reverse printing capabilities.

**Features on lamination:** Adhesive or extrusion laminating films.

### 2.5 Clients at a glance:

By delivering the right quantity, the right quality of product at the right price and on time, we assist our customers in their endeavors. We assist them to succeed. Following is a sample of our successful key customers.

- British American Tobacco Bangladesh Ltd.
- Nestle Bangladesh Ltd.
- AbulKhair Group
- Akij Group
- Pran Group
- ACI Ltd.
- Coca-Cola Food Products Ltd.
- BD Foods Ltd.
- Ispahani
- Meridian Foods Ltd.
- Fu-wang Foods Ltd.
- Universal Foods Ltd.
- AbdulMonem Ltd.
- Bangla-German Latex Co. Ltd.
- Shah Dairy Foods Ltd.
- Molla Salt (Triple Refined) Ind. Ltd.
✓ Vitalic Dairy & Food Industries Ltd.
✓ Prince Foods Ltd.

2.6 List of Machine:

Since its inception, Merchants has been the pioneer in bringing in state of the art converting technology to the country. These regular infusions of new technology have enabled Merchants to keep its competitive advantage. Following is a short description of different technology available.

2.7 Printing:

Our Printing Machines (Up to 8 Color) employ a specially designed human interface PLC control system. Double shaft turret type change system on un-winder and re-winder permits for automatic film connection during high speed (Up to 200m/min) running. Superior performance of preheating and cooling circulation system improves material properties. This enables us to print highly attractive and complex designs. The material in-feed and out-feed mechanisms
employ Dancing Roller Controller, ensuring uniform tension for the entire production line and accurate printing. High printing speed upgrades efficiency and minimizes waste material. This lowers production costs and provides your products with a more competitive edge.

**2.8 Lamination:**

We have both wet and dry lamination lines. We also have two extrusion lamination machines. These high speed machines support our high speed printing lines. Major features of our laminating lines are:

- Reversible high efficiency smooth roller.
- Extremely uniform coating effect, with no air bubbles during lamination.
- Hot oil circulation on the steel roller ensures even temperature.
- High productivity ensures solid laminating.

We also have two extrusion lamination lines which are mainly used for pharmaceutical strip foils and paper and paper board extrusion.

**2.9 Filmmaking:**

We have 6 film blowing lines. We produce LLDPE, LLDPE films and also PVC films for use in our products.
2.10 Slitting and Pouch Making:

To give finishing touch to our products we have more than a dozen slitting machines and over 30 pouch/bag making machines. We can produce different type of pouches such as center sealed, bottom sealed, three side sealed, stand up pouches, pouches with gussets etc. for our valued customers.

2.11 VacuumMetalizes:

We have recently acquired a new state of the art Vacuum Metalizing System. This system can metalize films, paper, and boards. Different future applications will include: Flexible packaging for the food industry: snacks, chips, biscuits and bakery products, candies and confectionery, coffee, chocolate bars, liquid packaging, and soup cereals microwavable food- Decoration: Gift wrapping · Labels · hot stamping foils · holograms ·etc.
3. SWOT Analysis:

3.1 Strength:

- Honesty and fairness is our main strength as a result our clients relay upon us without any doubt.
- Strict Quality assurance.
- Modern kinds of technology and its maintenance have given a strong competitive advantage to packages and play a paramount part in the success of the firm particularly in the industrial sector.

3.2 Weakness:

- High price.
- Lack of usage for promotional tools and techniques.
3.3 Opportunity:

- Technological up-gradation can result in capturing those customers who are till date are purchasing products from other customers, can become packages customers.
- A vast amount of market in packaging and printing sector is yet to be capitalized.
- Capitalizing foreign customers need.

3.4 Threat:

- As a result of less innovation in technology new comers can grab the market share.
- Legal restrictions.

3.5 Number of competitors:

As Printing and Packaging is a booming industry here in Bangladesh so there is always high competition in this particular industry. Today it can be said with pride that all types of packaging products specially based on paper and paper board, plastic film, aluminum foil are manufactured locally. Quality of locally produced packaging material is excellent and comparable to international standard. There are few names that are also doing very well in this particular industry. Those are:

- The Marchant Ltd.
- Arbab Poly Pack Ltd.
- Premiaflex

To compete with them we have some unique strategies. There are few things that make us different from other competitors are:

- World Class Machinery from UK, Germany, Japan, South Korea, Italy, Taiwan, and India.
- Utilities designed as per contingency approach.
• Well-equipped in-house testing facilities.
• Systematic and uninterrupted Production Process.
• Established process to ensure Raw Material and Finished Goods specifications.
• Predictive and preventive maintenance.
• Contamination risk elimination.
• Continual Improvement drives to be “On target with minimum variation and sustainability.

3.6 Bargaining power of the buyers:

In our country bargaining power of the buyers are very low. They can negotiate with the buyer but that does not make a big margin of difference in their profit. In terms of Tampaco Foils Ltd. we have a little more bargaining power compare to the other printing and packaging industry in Bangladesh. The things makes us unique from others are:

• Best quality product.
• Quality inspection at every critical point.
• Issuance of Quality Certificate.
• In-house testing facilities.
• Testing of samples drawn at customers' end.
• Dedicated Customer Service Manager for Individual Company.

3.7 Bargaining power of the suppliers:

In Bangladesh Bargaining power of the suppliers are quite high. These suppliers have a moderate control over the industry since there is quite a few numbers of industries which supplies Raw Materials such as paper PET, MPET, BOPP, LDPE, LLDPE. As the suppliers have bargaining
power, they can apply pressure on TAMPACO by charging higher prices, adjusting the quality of the product or controlling availability and delivery timelines. The following conditions indicate that a supplier group is powerful:

- It is dominated by a small number of companies.
- Its products are one of the key parts of the buyer’s business.
- It poses a definite threat of forward integration.
- Ability to influence the setting of prices.
- Most of the raw materials providers are prescribed by the companies. So company will have to buy the raw materials from prescribed provider.

### 3.8 Potential for new entrance:

As flexible printing and packaging industry in our country is in a very high growth and there are many scope of innovation. There is a very high chance for the new comers to come up with some innovative idea and they have chance to compete with the other companies. So Tampaco Foils Ltd always has to look for the innovation to compete with others and stay into the competition.
4.1 Measuring effectiveness of operation process

Although total operation process of Tampaco Foils Ltd is under well-organized system and proper indeed as for their image by satisfying customers with trustworthy relationship; there are few deficiencies in work of marketing department which raises problems and errors to the quality of Tampaco Foils Ltd. total service and complaints in customer satisfaction. The factors and errors in the process hamper the effectiveness of the production and other operational process.

Laminating is the process through which two or more flexible packaging webs are joined together using a bonding agent. The substrates making up the webs may consist of films, papers, or aluminum foils. In general terms an adhesive is applied to the less absorbent substrate web, after which the second web is pressed against it to produce a duplex, or two-layer, laminate.

4.2 Wet production:

Wet bond production is a process used to laminate two substrates. It is commonly used to produce a paper-aluminum foil laminate that is widely used in flexible packaging. Wet production process is used for cost effective manufacture of components in simple shape.

The amount of raw material needed in every month depends on the order of buyers. They import raw materials from abroad and there is a lead time for that. As a result the operations department has to calculate the amount of raw material has in their stock and when they have to import more raw materials.

Here I will show few calculations that will indicate that how much they need in every month and the effectiveness of the operation process.
**4.3 Calculation**

For measuring the effectiveness of operation process production is one of a key element for measuring the effectiveness. There are different types of production in printing and packaging industry. We took two of those production processes and try to understand the effectiveness of operation process.

There is strong communication in between production department and operations department. Operation department calculate about the amount of raw material they have, when they have to import raw material. They also does the calculation for reduce material loss and also to improve sustainability of production.

- If monthly required 1850 bobbin then how much raw material will be needed?

Here we will find the amount of raw material needed by the WET production manager to produce the certain amount of product. At first we need to know the width and length of the bobbin, after that we have calculate the weight of the bobbin. When we will find the per bobbin weight then we can calculate the amount of raw material will be needed to produce 1850 bobbin for a month.

**WET Production:**

<table>
<thead>
<tr>
<th>Given,</th>
<th>We know,</th>
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<tr>
<td>Width = 93.5mm</td>
<td>Weight of the bobbin = ( \frac{\text{Area} \times \text{GSM}}{1000} )</td>
</tr>
<tr>
<td>( \frac{93.5}{1000} ) m = 0.0935 m</td>
<td>[ \frac{74.8 \times 230}{1000} = 17.024 \text{ Kg} ]</td>
</tr>
<tr>
<td>Length = 800 m</td>
<td></td>
</tr>
<tr>
<td>( \therefore ) Area = length ( \times ) Width</td>
<td>( \therefore ) Per bobbin weight = 17.024 Kg</td>
</tr>
<tr>
<td>= 0.0935 m ( \times ) 800 m</td>
<td></td>
</tr>
<tr>
<td>= 74.8 m²</td>
<td></td>
</tr>
<tr>
<td>230 GSM</td>
<td></td>
</tr>
</tbody>
</table>
Monthly required = 1850 bobbins

Per bobbin weight = 17.024 Kg

∴ Total Required Raw Material = (17.204 × 1850) Kg

=31827.4 Kg

= 31.82 Ton

Here we can see that every month they need nearly 32 Tons of raw material and for importing the raw material their lead time is two month. Their operation department always keep sharp eye on their stock and they rarely have ever faced any problem of shortage of raw material.

4.4 DRY Production:

Where the bonding agent, dissolved into a liquid (water or a solvent), is applied to one of the webs, before being evaporated in the drying oven. The adhesive coated web is laminated to the other under strong pressure and using heated rollers, which improves the bond strength of the laminate.

Comparing to WET production calculating the dry production is more difficult. For WET production the operations department only have to calculate the length, width, and weight of bobbin but in terms of DRY production it is very complex. Operations department have to calculate PET, MPET, LDPE, LLDPE, BOPP. There is a calculation below which will clarify that how to calculate those.

As earlier said that operations department has a strong relation with other department. The marketing department took the order from the customers and they gave it to the production department. Operation department has to take close look to the production department as well so that they can calculate all the other production cost.
4.5 Calculation

*What are the approximate weight and the cost of the Bobbins?

<table>
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<tr>
<td>Foil = 2.71</td>
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<td>12 μ PET = 12 \times 1.4 = 16.8</td>
</tr>
<tr>
<td>12 μ MPET = 12 \times 1.4 = 16.8</td>
</tr>
<tr>
<td>40 μ LLDPE = 40 \times 0.92 = 36.8</td>
</tr>
<tr>
<td>BOPP = 0.92</td>
</tr>
<tr>
<td>Pearl BOPP = 0.71</td>
</tr>
</tbody>
</table>

Where,

PET = 12 μ @ tk 200 per Kg
MPET = 12 μ @ tk 250 per Kg
LLDPE = 60μ @ tk 80 per Kg

Bobbin Length = 1000 m
Width = 220 mm

\[ \text{Area} = \text{length} \times \text{Width} \]
\[ = (1000 \times 0.22) m^2 \]
\[ = 220 m^2 \]
Now,

Weight of PET \(= \frac{220 \times 12 \times 1.4}{1000} = 3.69 \text{ Kg}\)

Weight of MPET \(= \frac{220 \times 12 \times 1.4}{1000} = 3.69 \text{ Kg}\)

Weight of LLDPE \(= \frac{220 \times 60 \times 0.92}{1000} = 12.14 \text{ Kg}\)

**Weight of the Bobbin** \(= 19.92 \text{ Kg}\)

Again,

Cost of the PET \(= (200 \times 3.69) = \text{Tk. 738}\)

Cost of the MPET \(= (250 \times 3.69) = \text{Tk. 922.5}\)

Cost of the LLDPE \(= (80 \times 12.14) = \text{Tk. 971.2}\)

**Total cost of the bobbin** \(= \text{Tk. 2631.70}\)

By calculating the bobbin cost the operation department is able to understand the total cost of production and also by calculating the weight of the bobbin they can understand the amount of raw material they will need to produce the product. At the same time they can increase the profit margin by reducing the wastage because if they can reduce wastage they will be able to reduce the use of raw material.

For last few times they are being able to reduce the use of raw material and that helps them to minimize the production cost. It helps the industry to earn more profit. As a result we can surely say that their operations department is highly effective.

- If we need to produce 5000Kg of product then how much raw materials required?

Here we will show the raw material needed for DRY production. From above we already know about the process of calculating the required raw material. On this calculation we will clearly
make you understand how to calculate the required raw material. Operations has also calculated the lead time too because all the raw materials of Tampaco Foils Ltd are imported.

**Given Construction:**

\[
\text{PET 12 } \mu + \text{MPET 12 } \mu + \text{LDPE 40 } \mu \\
12 \mu \text{ PET} = 12 \times 1.4 = 16.8 \\
12 \mu \text{ MPET} = 12 \times 1.4 = 16.8 \\
40 \mu \text{ LDPE} = 40 \times .92 = 36.8 \\
\text{Total} = 70.4
\]

\[
\therefore \text{PET Required} = (5000 \times \frac{16.8}{70.4}) \text{Kg} \\
= 1193.18 \text{ Kg}
\]

\[
\therefore \text{MPET Required} = (5000 \times \frac{16.8}{70.4}) \text{Kg} \\
= 1193.18 \text{ Kg}
\]

\[
\therefore \text{LDPE Required} = (5000 \times \frac{36.8}{70.4}) \text{Kg} \\
= 2613.64 \text{ Kg}
\]

Here we can see that for the production of 5000 KG product how much PET, MPET, LDPE required. Operation department is responsible for calculating all those.

Operations department also calculate the material loss reduction as well. They also focus on allocation of labor because a good worker can able to reduce the wastage rate. Reducing wastage volume is also very crucial because the less amount of wastage the more amount of profit.
5. The Job

5.1 Job Responsibilities

I was appointed in Operations Department to work with Executive, Operations. Operations Department is accountable for leading all functions of multiple manufacturing production lines to ensure meeting customer needs and expectations and producing all products at the highest quality and the lowest possible cost while also ensuring employee safety and job satisfaction. Here is a brief description of the various activities; I performed during my internship at Tampaco Foils Limited.

1) Coordinating manufacturing functions: I was assigned to help Executive, Operations to help him to Lead, direct and coordinate manufacturing functions including production, engineering.

2) Participation in Business Plan: As an intern of Operations Department I also participate in business planning, process and monitor all distribution operations to meet set budgets, timeless and business objectives.

3) Preparation of Loading Chart: For the optimum utilization of the machine time and personnel, I was designate for making loading chart which are prepared by the Operations department. These loading charts provide the information that when the job will be completed and will be ready for dispatches.

4) Procurement of raw materials: As part of responsibilities under Operations Department I was responsible to Procurement of raw materials like Bobbin, polypropylene, polyethylene, polyester, paper, aluminum foil, ink, adhesives, and solvents.

5) Quality Control: Quality control is one of the key work for Executive, Operations. Being and apprentice of the Operations Department I also examines the quality of products producing by Production Department. We made tests about the quality of printing, gram mage of paper or board and compare them with customer specifications and prepare reports about results.
Operations Department is also accountable for all areas of inventory management, fulfillment and kitting, including but not limited to customer fulfillment and reset projects. I was also directed to work on following issues:

- Help Executive, Operations to maintain a safe work environment, improve safety systems and eliminate the causes of accidents, and hold everyone accountable for their role in safety.
- Provide timely change management leadership to support initiatives.
- Supports Lean Manufacturing principles and applies them to the workflow, including creating flow, maintaining quality, and implementing mistake-proofing.
- Support Operations Manager on customer requests, follow-up with customer.
- Research, analyze, lead, and hold self and team of direct reports accountable for courses of action that directly contribute to operational performance improvement.
- Encourage the labors to save raw materials including energy and water, avoid waste.
5.2 Learning in the Organization

The internship was a great experience for me. I believe that both, the company and I were able to get benefit from those three months. There are so many things that I have learnt from my internship program and these are as following,

- Gained experience by applying my knowledge and skills in work related situations.
- Gained the practical real work experience that employers like to see on a job candidate's resume.
- Gave a chance to practice the business terms and conditions.
- Development of professional attitude.
- Enhance the communication skill by maintaining inter-departmental communication.
- How to handle order from the clients.
- Punctuality.
- Increase self-confidence in the workplace while developing an expanded network of associates and professionals.

Limitation of the report

Every report has its limitations. This report was and is no different. There were several limitations in preparing this report. The main limitations were:

- In this report there is no consumer survey. Only interview on employees of Tampaco Foils Ltd. are asked about their operation process.
- Satisfaction of customer also cannot be measured because of lack of customer survey.
- Very few secondary data can be collected from various sources because has not so much data in journals or internet.
- The main limitation was the information was not available and employees of the organization were not willing to share much information because those were confidential.
Findings

From my three month experience I observed few issues where Tampaco Foils Ltd has absence of productivity. Those issues are clarifying here:

- We found that charging higher price than the other competitor pulling their profit a little lower side.
- Lack of product diversity.
- In this report we also identify that there is a lack of promotion and advertisement of Tampaco Foils Ltd.
- Lacking in research has also found in this report as a result they are not being able to take the order from the local companies.
- Lacking in training and development for the workers.
Recommendation

After observing the different operational activities of Tampaco Foils Limited, I can conclude that it is an excellent organization. Although it is quite difficult to suggest something to such an established organization but I put my efforts to suggest in the following lines:

- They need to establish a “Market Research Cell” for promotion of their products to tap the untapped domestic market as well as international market.
- Develop a “Customer Complain Cell”, which will receive customer complaints.
- They can more enhance the image of their company by entering into the field of public relations.
- The advertising budget should be increased and it would be better if an advertising department is assigned only for advertisement activities.
- Establish a “Research and development” cell which will only do research and development.
- Working environment can be improved and modernized.
- To motivate the employees some sort of benefits should be given to the Employees.
Tampaco Foils Ltd is a leading global packaging industry that manufactures a multitude range of substantially value added packaging laminates and satisfies the clients through understanding their needs and also having a good knowledge about the market condition. They have already established a brand name in printing and packaging industry. Tampaco Foils Ltd is improving their technology to meet the demand of their customers. Every department has highly skilled and experienced local and foreign experts. They always keep following the market closely and also their operations department does play a vital role. They have a good understanding with the production and procurements department. As a result the operation process runs smoothly. Now the aim of Tampaco Foils Ltd is to be on the leading edge of technological department as well as keep supporting their clients and give them creative, competitive, and well informed solution which will help them to drive cost down. For any packaging industry operations department is very important for their success because they need to full fill the needs of the customers. If the operation process hampers, company will face difficulty to full fill their customers need.
References

Text book:


Website:

- http://www.tampaco.org/index.html
- http://www.arbabpolypackltd.com/
- http://dspace.bracu.ac.bd/
- https://issuu.com
- http://www.packagingscotland.com/
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