

**A STUDY ON PRODUCTION PROCESS IN SUNCLAD COATERS**

Report on Internship Training submitted to Periyar University, Salem

In partial fulfilment for the award of the degree of

**BACHELOR OF COMMERCE (COMPUTER APPLICATION)**

Submitted By

**NAME: POOJA. S**

**REG NO: C21UG152CCA064**

Under the guidance of

**Mrs. N. VADIVU, M.Com., M.Phil., PGDCA., (Ph.D.)**

Assistant Professor



**DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN, HOSUR**

(Affiliated to Periyar University, Salem)

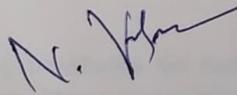
Mookandapalli, SIPCOT, HOSUR- 635126

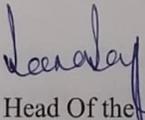
**JULY 2023**

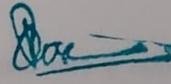
**PERIYAR UNIVERSITY**  
**INTERNSHIP TRAINING REPORT FORMAT**

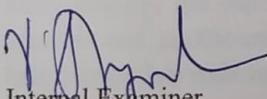
1.	Name of the candidate	Pooja. S
2.	University examination registration number	C21UG152CCA064
3.	Name of the college	ST. Joseph's College of Arts & Science For Women, Hosur
4.	Name of the Department/ Degree	Commerce / B.Com (CA)
5.	Name of the industry/institute in which for Internship Training Undergone	SUNCLAD COATERS
6.	Guide/Supervisor under whom the training undertaken	Mrs. N. Vadivu
7.	Title of the Training	Accounting and tax consultancy training
8.	Brief output of training(not more than 2 pages)-Attach Annexure-I	(ENCLOSED)
9.	Conclusion	The overall experience was positive and everything I learned would be useful in my future career in this field
10.	Outcome of the Training	Job experience

Pooja.s  
Signature of the  
Student

  
Signature of the  
Guide

  
Head Of the  
Department

  
Principal

  
Internal Examiner

## INTRODUCTION

- **SUNCLAD COATERS** is a surface cleaning and Zink coating process.
- Sunclad coaters - started in 2004 march.
- Sunclad coaters - is a ISO 9001-2015 certified proprietorship firm.
- Technical competence - master's in chemical technology - corrosion Engineering.
- Mr.Surya Kumar Sivanna was the owner of the company.
- Mr.Sandeep is a M.D of the company
- Mr.Nagaraja is a Manager of the company and also an authorized person.
- The Sunclad Coaters Company has two branches,
  - Branch is located in sipcot,Hosur in the name of future tech.
  - Another branch is located in jigani,Bangalore in the name of Sunclad Coaters.

## PRODUCTION

Since the production we have units Zink phosphating & HCL acid for cleaning process, so there will be certain categories at the time of production the red category.

The Different process in production are:

- Shot blasting
- Aluminium oxide blasting
- Zink phosphating
- Moly & Liquid MO Moly.

### 1. SHOTBLASTING

Shot blasting is a process of removing impurities from the surface of metal ensuring a smooth surface to work on. It's used for cleaning, smoothening and roughening of metal casts & Forged parts.

### 2. ALUMINUM OXIDE BLASTING

As abrasive blasting, is the operation of forcibly propelling a stream of abrasive material against a surface under high pressure to smooth a rough surface, roughen a smooth surface, shape a surface or remove surface contaminates

### 3. ZINK PHOSPHATING

Phosphating transforms the metal surface of a component into a non - metallic,poly crystalline coating that contains iron,manganese, nickel,and zinc phosphates.it has several benefits and is commonly performed on parts that will later undergo painting or other surface treatments for finishing.

### 4.MOLY & LIQUID MOLY

Moly coatings are commonly used in applications where load carrying capacity, operating pressure and coefficient of friction are primary concerns. This coating provides effective lubrication in a wide range of loads.

## PERSONNEL

50 person's for two shifts operation include,

- 1 Techno Commercial Head.
- 1 Maintenance Cum Production Manager,
- 2 Chemist,
- 2 Shift supervisos and,
- 3.25 Workers per shift.

## LIST OF EXISTING CUSTOMERS

- Mahindra CTE Automotive Limited Plant 1,2&6
- Industries Engine India Private Limited,
- Stump Schule Somappa Springs Private Limited,
- Nexteer Automotive India Private Limited,
- M/s.Genau Extrusiona Limited,
- Flowtech pumps And Motors,

## CONCLUSION

My Internship experience at **SUNCLAD COATERS** Company was invaluable. Through it, I gained valuable skills in customer service & problem-solving, as well as a better understanding of the different aspects of a business. I developed my technical skills & understand the operations of a successful business. The knowledge I have acquired will benefit me in my future endeavours. Overall, I have learned so much from this experience, which will benefit me immensely in the future.

INTERSHIP LETTER

TO WHOM IT MAY CONCERNED

This is to Certify that Ms. **POOJA.S** Has Worked With **M/S SUNCLAD COATERS** as an Internship From 26/06/2023 To till Date 14.07.2023.

**POOJA.S** 3rd Year **B.COM (CA)** Reg No **C21UG152CCA064** **ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE FOR WOMEN HOSUR-635126.**

In This Period, She has Shown Full Sincerity, Dedication and hard work to Words her Concerned Internship, Which has Helped in Improving the Management of the Office.

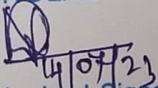
Thanking You



PLACE: JIGANI BANGALORE-560105

DATE:14/07/2023

For **SUNCLAD COATERS**

  
Authorised Signatory

**A STUDY ON PRODUCTION PROCESS IN SUNCLAD COATERS**

Report on Internship Training submitted to Periyar University, Salem

In partial fulfilment for the award of the degree of

**BACHELOR OF COMMERCE**

Submitted By

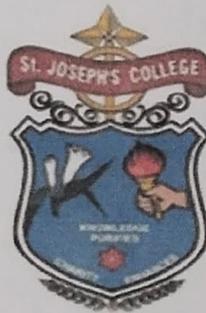
**NAME: POOJA DHARSHINLR**

**REG NO: C21UG152CCA065**

Under the guidance of

**Mrs. N. VADIVU, M.Com., M.Phil., PGDCA., (Ph.D.)**

Assistant Professor



**DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN**

Affiliated to Periyar University, Salem.

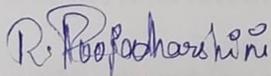
Mookandapalli, SIPCOT, HOSUR- 635109

**JULY 2023**

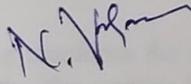
PERIYAR UNIVERSITY

INTERNSHIP TRAINING REPORT FORMAT

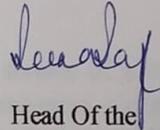
1.	Name of the candidate	Pooja dharshini.R
2.	University examination registration number	C21UG152CCA065
3.	Name of the college	ST. Joseph's College of Arts & Science For Women, Hosur
4.	Name of the Department/ Degree	Commerce / B.Com (CA)
5.	Name of the industry/institute in which for Internship Training Undergone	SUNCLAD COATERS
6.	Guide/Supervisor under whom the training undertaken	Mrs. N. Vadivu
7.	Title of the Training	Accounting and tax consultancy training
8.	Brief output of training(not more than 2 pages)-Attach Annexure-I	(ENCLOSED)
9.	Conclusion	The overall experience was positive and everything I learned would be useful in my future career in this field
10.	Outcome of the Training	Job experience



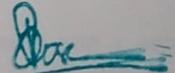
Signature of the  
Student



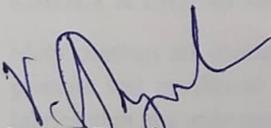
Signature of the  
Guide



Head Of the  
Department



Principal



Internal Examiner

## INTRODUCTION

- **SUNCLAD COATERS** is a surface cleaning and Zink coating process.
- Sunclad coaters - started in 2004 march.
- Sunclad coaters - is a ISO 9001-2015 certified proprietorship firm.
- Technical competence - master's in chemical technology - corrosion Engineering.
- Mr.Surya Kumar Sivanna was the owner of the company.
- Mr.Sandeep is a M.D of the company
- Mr.Nagaraja is a Manager of the company and also an authorized person.
- The Sunclad Coaters Company has two branches,
  - Branch is located in sipcot,Hosur in the name of future tech.
  - Another branch is located in jigani,Bangalore in the name of Sunclad Coaters.

## PRODUCTION

Since the production we have units Zink phosphating & HCL acid for cleaning process, so there will be certain categories at the time of production the red category.

The Different process in production are:

- Shot blasting
- Aluminium oxide blasting
- Zink phosphating
- Moly & Liquid MO Moly.

### 1. SHOTBLASTING

Shot blasting is a process of removing impurities from the surface of metal ensuring a smooth surface to work on. It's used for cleaning, smoothening and roughening of metal casts & Forged parts.

### 2. ALUMINUM OXIDE BLASTING

As abrasive blasting, is the operation of forcibly propelling a stream of abrasive material against a surface under high pressure to smooth a rough surface, roughen a smooth surface, shape a surface or remove surface contaminates

### 3. ZINK PHOSPHATING

Phosphating transforms the metal surface of a component into a non-metallic, poly crystalline coating that contains iron, manganese, nickel, and zinc phosphates. It has several benefits and is commonly performed on parts that will later undergo painting or other surface treatments for finishing.

### 4. MOLY & LIQUID MOLY

Moly coatings are commonly used in applications where load carrying capacity, operating pressure and coefficient of friction are primary concerns. This coating provides effective lubrication in a wide range of loads.

## PERSONNEL

50 person's for two shifts operation include,

- 1 Techno Commercial Head.
- 1 Maintenance Cum Production Manager,
- 2 Chemist,
- 2 Shift supervisos and,
- 3.25 Workers per shift.

## LIST OF EXISTING CUSTOMERS

- Mahindra CTE Automotive Limited Plant 1,2&6
- Industries Engine India Private Limited,
- Stump Schule Somappa Springs Private Limited,
- Nexteer Automotive India Private Limited,
- M/s.Genau Extrusiona Limited,
- Flowtech pumps And Motors,

## ACCOUNTS & FINANCE

The annual turnover of the company is around 45 Lakhs to 55 Lakhs. All the financial statements are done their respective auditor office. The percentage of GST Filling is done accordingly to the product almost 18% and 12% in the fixed GST Percentage.

The monthly meeting will be 22 to 28 Every Month. The pf of employees 12% will be deleted for the person who are earning more then 15 thousand a months & ESI Also Deduct.

The employee salary will be calculated by using the following method.

$$\frac{\text{Salary of an employee} * \text{no of days a work}}{26 \text{ days.}}$$

## STORES

Receiving purchased materials stores from stores the receiving department and verifying stores from the supported by an indent, a purchase order and an inspection note.

Preparing Goods Received Note in accordance with the different stores lots received.

Planning and arranging stores received in suitable places and adhering to golden principle of storekeeping: "A place for everything in its place"

Maintaining proper stock levels, Which are fixed in respect of every items of stores replenishing them when necessary.

## CONCLUSION

My Internship experience at SUNCLAD COATERS Company was invaluable. Through it, I gained valuable skills in customer service & problem-solving, as well as a better understanding of the different aspects of a business. I developed my technical skills & understand the operations of a successful business. The knowledge I have acquired will benefit me in my future endeavours. Overall, I have learned so much from this experience, which will benefit me immensely in the future.

INTERSHIP LETTER

TO WHOM IT MAY CONCERNED

This is to Certify that Mrs. **POOJA DHARSHINI.R** Has Worked With **M/S SUNCLAD COATERS** as an Internship From 26/06/2023 To till Date 14.07.2023.

**POOJA DHARSHINI.R** 3rd Year **B.COM (CA)** Reg No **C21UG152CCA065** **ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE FOR WOMEN HOSUR-635126.**

In This Period, She has Shown Full Sincerity, Dedication and hard work to Words her Concerned Internship, Which has Helped in Improving the Management of the Office.

Thanking You



PLACE: JIGANI BANGALORE-560105

DATE:14/07/2023

For **SUNCLAD COATERS**

  
14/07/23  
Authorised Signatory