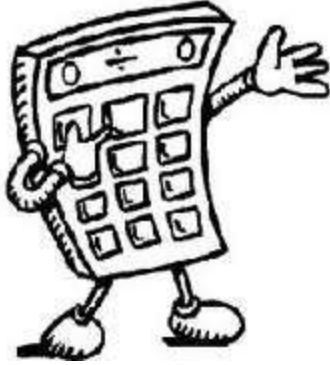


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# Plant Calculation

RW/2018-19/Q\_9187

Date: 17/11/2018

To,  
Mr. Hiren Ghadiya

**SUB : 2000Ltr. Per Hour R.O. Plant Capacity's Calculation.**

Dear Sir,

As per our discuss the capacity of 2000Ltr. Per/Hour R.O Plant is as per under.

**8 hour Production of the one shift = 16000Ltr.**

Liter Water	Nos. of Unit.	Unit.
11520	960	1Ltr. Bottle
11520Ltr. Water		



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### Detail's of Unit Per Shift

- **1Ltr. Bottle Box (1 x 12 Bottles)** = **Rs. 65.00 (Sell Price/Box)**
- 1Ltr. Bottle Pre Form : Rs. 2.10
- 1Ltr. Bottle Cap : Rs. 0.30
- 1Ltr. Bottle Label : Rs. 0.25
- 1Ltr. Bottle Box : Rs. 0.65
- Total Material Cost : Rs. 3.30 x 12 Bottles = Rs. 39.60**
- 1Ltr. Bottle Box Gross Profit (Sell Price – Cost) = Rs. 25.40**
- 1Ltr. Bottle Box Production (960 Box x Rs.25.40) = Rs.24384**
- (Gross Profit in 1Ltr. Box)**

### A. Expanse OF Labor Work:

14 Worker = 42000.00 8 Worker.  
10000.00 for Lab Tech.  
10000.00 for Lab Tech.  
8000.00 One Plant Operator  
8000.00 One Filling Operator  
8000.00 One Blowing Operator.  
8000.00 One shrink Operator  
Total Salary: 94000.00 For One Month  
Total Salary: 3615.00 For One Day (Count Per 26 Days)

### B. Expanse OF Electricity Charge:

Total Elec. Bill. 100000.00 For One Month.  
Total Elec. Bill. 3846.00 For One Day. (Count Per 26 Days)

### C. Interest On Machinery Investment:

3150000.00 Total Project Machinery Values  
**47250.00** Interest For One month  
1817.00 Interest For One Day (Count Per 26 Days)



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## D. Expanse OF BIS License and Testing Fee:

125000.00	License Fee/Annual
40000.00	Testing Fee/Annual
<u>10000.00</u>	Chemical/Annual
175000.00	Total Annual Fee
14583.00	Monthly Charge
<b>560.00</b>	<b>For One day charge (Count per 26 Day)</b>

### Total Expanse per Shift

A. Expanse OF Man Power	: Rs. 3615.00
B. Expanse OF Electricity Charge	: Rs. 3846.00
C. Interest On Machinery Investment	: Rs. 1817.008
D. Expanse OF BIS License and Testing Fee	: Rs. <u>560.00</u>
<b>Total Expanse per Shift</b>	<b>: Rs. 9838.00</b>

### Gross Profit Counting

1Ltr. Bottle Box Production (960 Box x Rs. 25.40) = Rs. 24384

**Total Gross Profit = Rs. 24384**

### Net Profit Counting

Total Gross Profit	: Rs. 24384.00
Total Expanse per Shift	: Rs. <u>9838.00</u>
<b>Net Profit (Per Shift)</b>	<b>: Rs. 14546.00</b>
<b>Net Profit (Count per 26 Day)</b>	<b>: Rs. 378196.00</b>