INTERVIEW SCHEDULE
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TOPIC: PROBLEMS AND PROSPECTS OF BRICK KILN INDUSTRY IN HUBLI-DHARWAD TALUKAS IN KARNATAKA

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General Information:

Name and address of the owner/S:

Location of the unit:

Total quantity of bricks produced during 1990:

Total capital employed:

001. What is the organisational structure of the unit?

Sole trading concern ( ) 0
Joint Hindu Family ( ) 1
Partnership Firm ( ) 2
Others, (mention) ( ) 3

002. If a Partnership Firm, how many partners are there in the firm?

One ( ) 0
Two ( ) 1
Three ( ) 2
Four ( ) 3
Five ( ) 4
More than five ( ) 5
003. In case it is a Hindu Undivided Family, state the number of members in the family.

Below five ( ) 0
Five ( ) 1
Six ( ) 2
Seven ( ) 3
Eight ( ) 4
More than eight ( ) 5
Not applicable ( ) 9

004. What is the main occupation of the owner/s?

Agriculture ( ) 0
Own Industry ( ) 1
Own Service ( ) 2
Own Business ( ) 3
Employee ( ) 4
Others (mention) ( ) 5

005. How many brick units you are owning and operating?

1-4 ( ) 0
5-7 ( ) 1
8-10 ( ) 2
More than 10 ( ) 3

006. Where are these units situated?

Within Hubli-Dharwad Talukas ( ) 0
Outside Hubli-Dharwad Talukas ( ) 1
Within Dharwad District ( ) 2
Outside Dharwad District ( ) 3

007. What is the distance of the brick units from your residence?

Upto 5 Kms ( ) 0
6 to 10 Kms ( ) 1
11 to 15 Kms ( ) 2
16 to 20 Kms ( ) 3
Above 20 Kms ( ) 4

008. Did you have previous experience in brick making?
009. If Yes, how many years of experience do you have in brick making?

<table>
<thead>
<tr>
<th>Years of Experience</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Year</td>
<td>0</td>
</tr>
<tr>
<td>2 Years</td>
<td>1</td>
</tr>
<tr>
<td>3 Years</td>
<td>2</td>
</tr>
<tr>
<td>4 Years</td>
<td>3</td>
</tr>
<tr>
<td>5 Years and above</td>
<td>4</td>
</tr>
</tbody>
</table>

010. What factors motivated you to start brick production?

- Own urge and desire: 0
- Advice from family members and relatives: 1
- Advice from friends: 2
- Profit made in existing brick units: 3
- High demand for bricks in the area: 4
- Previous experience: 5
- Other reasons (Specify): 6

INFORMATION ABOUT FACTORS OF PRODUCTION:

A) SOIL:

011. Is/Are the Unit/s located near the source of supply of soil?

<table>
<thead>
<tr>
<th>Location</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>No</td>
<td>1</td>
</tr>
</tbody>
</table>

012. If not, what is the distance of the unit from the source of supply of soil?

<table>
<thead>
<tr>
<th>Distance</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Km</td>
<td>0</td>
</tr>
<tr>
<td>2 Kms</td>
<td>1</td>
</tr>
<tr>
<td>3 Kms</td>
<td>2</td>
</tr>
<tr>
<td>4 Kms</td>
<td>3</td>
</tr>
<tr>
<td>5 Kms</td>
<td>4</td>
</tr>
<tr>
<td>More than 5 Kms</td>
<td>5</td>
</tr>
</tbody>
</table>
013. Does the land from where the soil is collected belong to the brick producer or rented?

- Owned ( ) 0
- Leased ( ) 1
- Others (Mention) ( ) 2

014. If taken on lease basis, what is/are the major factor/s determining the rent?

- Quality of the soil ( ) 0
- Area of the land ( ) 1
- Area and quality (both) ( ) 2
- Distance of the land from the brick unit ( ) 3
- Distance of the land from the city ( ) 4
- Others (mention) ( ) 5

015. What is the usual period for which the land is taken on lease/rent?

- 1 Year ( ) 0
- 2 Years ( ) 1
- 3 Years ( ) 2
- 4 Years ( ) 3
- 5 Years ( ) 4
- More than 5 years ( ) 5

016. Is it possible to get the land which is free from any rental charges?

- Yes ( ) 0
- No ( ) 1

017. If yes, what is the condition for using such free land for brick making?

- Levelling of land ( ) 0
- Profit sharing ( ) 1
- Others (mention) ( ) 2

018. What is the usual mode of payment of rent?

- Entire amount to be paid in advance ( ) 0
Part payment in advance and balance afterwards ( ) 1
Entire amount paid at the end ( ) 2
Paid at regular intervals ( ) 3
(mention whether it is monthly, quarterly, half yearly etc.,)

019. Whether the contract of lease is laid down in writing?

Yes ( ) 0
No ( ) 1

020. Are there outside agencies which are engaged in supplying the soil to brick makers?

Yes ( ) 0
No ( ) 1

021. If yes, do these agencies supply the soil of the required quality?

Yes ( ) 0
No ( ) 1

022. If the quality of the soil supplied is not of the required quality, what is the remedy open to you?

Amount paid is refunded ( ) 0
Soil is replaced by good quality soil ( ) 1
No remedy ( ) 2
Other remedies (mention) ( ) 3

023. Loss due to the usage of low quality soil, whether treated as normal loss or abnormal loss?

Treated as normal loss ( ) 0
Treated as abnormal loss ( ) 1

024. Are the outside agencies supplying the soil, dependable for timely supply of soil?

Yes ( ) 0
No ( ) 1
025. What is the normal delivery time for the supply of the soil by the outside agencies?

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upto to 5 days</td>
<td>0</td>
</tr>
<tr>
<td>6-9 days</td>
<td>1</td>
</tr>
<tr>
<td>10-13 days</td>
<td>2</td>
</tr>
<tr>
<td>14-17 days</td>
<td>3</td>
</tr>
<tr>
<td>18-21 days</td>
<td>4</td>
</tr>
<tr>
<td>More than 21 days</td>
<td>5</td>
</tr>
</tbody>
</table>

026. After placing the order for supply of soil with the outside agency, for how many days the producer can continue the production with the help of existing stock of soil?

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upto 6-7 days</td>
<td>0</td>
</tr>
<tr>
<td>8-15 days</td>
<td>1</td>
</tr>
<tr>
<td>16-25 days</td>
<td>2</td>
</tr>
<tr>
<td>26-30 days</td>
<td>3</td>
</tr>
<tr>
<td>More than 30 days</td>
<td>4</td>
</tr>
</tbody>
</table>

027. What is the usual delivery period for the supply of soil by outside agency?

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>One week</td>
<td>0</td>
</tr>
<tr>
<td>2 to 3 weeks</td>
<td>1</td>
</tr>
<tr>
<td>3 to 4 weeks</td>
<td>2</td>
</tr>
<tr>
<td>More than 4 weeks</td>
<td>3</td>
</tr>
</tbody>
</table>

028. Will there be loss of production due to the delay in supply of soil?

<table>
<thead>
<tr>
<th>Loss</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>No</td>
<td>1</td>
</tr>
</tbody>
</table>

029. If Yes, What is the usual remedy for mitigating such loss?

<table>
<thead>
<tr>
<th>Remedy</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loss recovered from the supplier</td>
<td>0</td>
</tr>
<tr>
<td>No remedy</td>
<td>1</td>
</tr>
<tr>
<td>Other remedies (mention)</td>
<td>2</td>
</tr>
</tbody>
</table>

030. Is there any competition for the supply of soil?

<table>
<thead>
<tr>
<th>Competition</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>No</td>
<td>1</td>
</tr>
</tbody>
</table>
031. If Yes, what is the exact nature of the competition between the suppliers of the soil?

Reduction of the price by the suppliers ( ) 0
Promise of quality ( ) 1
Punctual supply of soil ( ) 2
Supply of soil on credit ( ) 3

032. Is there cheating by the suppliers of soil?

Yes ( ) 0
No ( ) 1

033. If Yes, what is the exact nature of cheating?

Taking advance and not delivering the soil ( ) 0
Delivering low quality soil ( ) 1
Delayed delivery of the soil ( ) 2
Other methods of cheating (mention) ( ) 3

034. DETAILS OF THE QUANTITY, PRICE, ETC.,

<table>
<thead>
<tr>
<th>Mode of transport</th>
<th>Usual quantity loaded</th>
<th>Price</th>
<th>Number of bricks that can be produced with this quantity.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trucks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bullock cart</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tractor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others (mention)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

035. DETAILS OF THE QUANTITY, PRICE, SOURCE OF SUPPLY, ETC., OF COAL ASH:
<table>
<thead>
<tr>
<th>Mode of transport</th>
<th>Source of supply</th>
<th>Quantity</th>
<th>Price</th>
<th>Number of bricks that can be produced with this quantity.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tractor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bullock cart</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others (specify)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

036. Whether the producers themselves have to go in search of coal ash suppliers or the suppliers come in search of the producers of brick?

- Producers themselves contact the suppliers ( ) 0
- The suppliers come and contact the brick producers ( ) 1
- Contacts through agents and middlemen ( ) 2

037. If the coal ash is purchased through middlemen, what is the exact nature of the middlemen involved in the deal?

- Wholesalers ( ) 0
- Retailers ( ) 1
- Agent middleman ( ) 2
- Others (mention) ( ) 3

038. Whether the total quantity of coal required for the season is purchased only once or you purchase it from time to time in small lots?

- Whole quantity purchased at once ( ) 0
- Purchased part by part ( ) 1

039. What is the usual quantity of coal ash you purchase each time?
040. What is the usual delivery period for supply of coal ash?

- Upto one week ( ) 0
- 1 to 2 weeks ( ) 1
- 3 to 4 weeks ( ) 2
- 5 to 6 weeks ( ) 3
- More than 6 weeks ( ) 4

041. Whether the price is paid in advance or paid afterwards?

- Paid in advance ( ) 0
- Paid afterwards ( ) 1
- Paid at the time of delivery ( ) 2

042. Is there any cheating by the suppliers of coal ash?

- Yes ( ) 0
- No ( ) 1

043. If yes, what is the usual way in which they cheat?

- Advance taken and goods not delivered ( ) 0
- Supply low quality ash ( ) 1
- Other methods of cheating (specify) ( ) 2

044. Are they prompt in supplying the coal ash?

- Yes ( ) 0
- No ( ) 1

045. Whether the coal ash is purchased after due inspection or not?

- Yes. Purchased after due inspection ( ) 0
- No. It is purchased without inspection ( ) 1

046. How you treat the loss on account of low quality of coal ash supplied in your accounts?

- Recovered by inflating price ( ) 0
047. Do the suppliers of coal ash allow you to inspect the coal ash before unloading the ash at the production site?

Yes ( ) 0
No ( ) 1

048. If on inspection, the quality is not according to your requirement, what will be the remedy for this problem?

Rejected material is taken back by the suppliers and replaced ( ) 0
Price reduced for the mistake in quality ( ) 1
Other remedies (mention) ( ) 2

049. Whether the transportation charges are included in the price of coal ash or is to be paid separately?

Transportation charges included in the price of ash ( ) 0
Transportation charge is to be paid separately ( ) 1

050. Whether the suppliers of coal ash have their own transportation facilities or they request you to send the vehicles?

They have their own carriers ( ) 0
They request brick producers to send the vehicles ( ) 1
They take care of transportation with the help of other agencies ( ) 2

051. Please mention the usual amount charged by the suppliers for transportation of coal ash:

Present rate :
1989 rate :
1988 rate :
1987 rate :
052. Do you have sufficient space to store the raw materials like coal ash, soil etc in required quantities?

Yes ( ) 0
No ( ) 1

053. If you have necessary space for storing, are you having sufficient facilities for protection of the said materials against pilferage, spoilage, wastage etc.

Yes ( ) 0
No ( ) 1

054. If yes, what is the nature of the facility you have at the production site for protection of these raw materials?

Guarded by compound wall ( ) 0
Permanent shed with walls ( ) 1
Watchmen employed ( ) 2
Other arrangements (specify) ( ) 3

055. Have you noticed pilferage of the raw materials or finished bricks or other production materials at production site so far?

Yes ( ) 0
No ( ) 1

056. If yes, what action you have taken to stop such pilferages?

More number of watchmen employed ( ) 0
Surprise checks at different hours ( ) 1
Alternative arrangements made (specify) ( ) 2

C. LABOUR

057. How many labourers are employed during the production period?

5 to 10 ( ) 0
058. What is the usual period for which the labour is paid?

<table>
<thead>
<tr>
<th>Period</th>
<th>Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 to 20</td>
<td>( ) 1</td>
</tr>
<tr>
<td>21 to 30</td>
<td>( ) 2</td>
</tr>
<tr>
<td>31 to 40</td>
<td>( ) 3</td>
</tr>
<tr>
<td>More than 40</td>
<td>( ) 4</td>
</tr>
</tbody>
</table>

Paid once in a week ( ) 0
Paid once in fortnight ( ) 1
Paid on daily basis ( ) 2
Paid on monthly basis ( ) 3
Others (mention) ( ) 4

059. Whether the payment is based on time or on production?

<table>
<thead>
<tr>
<th>Basis</th>
<th>Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on production</td>
<td>( ) 0</td>
</tr>
<tr>
<td>Based on time</td>
<td>( ) 1</td>
</tr>
</tbody>
</table>

060. Is there any incentive plan for encouraging the efficiency of the workers?

Yes ( ) 0
No ( ) 1

061. If Yes, state the nature of the incentive.

<table>
<thead>
<tr>
<th>Incentive</th>
<th>Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonus</td>
<td>( ) 0</td>
</tr>
<tr>
<td>High piece rate</td>
<td>( ) 1</td>
</tr>
<tr>
<td>Others (Mention)</td>
<td>( ) 2</td>
</tr>
</tbody>
</table>

062. Have you provided any accommodation facility to the workers?

Yes ( ) 0
No ( ) 1

063. If yes, what is the nature of the accommodation facility?

<table>
<thead>
<tr>
<th>Nature</th>
<th>Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of permanent nature</td>
<td>( ) 0</td>
</tr>
<tr>
<td>Of temporary nature</td>
<td>( ) 1</td>
</tr>
</tbody>
</table>

064. Whether the workers stay at site with their families or not?

Allowed to stay with family ( ) 0
Not allowed to stay with family ( ) 1
065. Whether the workers stay at site throughout the year or they stay only during the production season?

- Stay only during the season ( ) 0
- Stay throughout the year ( ) 1
- Few of them stay throughout the year ( ) 2

066. Whether the workers demand advance money and abscond from work?

- Yes ( ) 0
- No ( ) 1

067. If yes, how many?

- Some of them ( ) 0
- Most of them ( ) 1
- All of them ( ) 2

068. What precautions you have taken to avoid such cheating by the workers?

- No payment of advance money ( ) 0
- Keeping full watch on their movement ( ) 1
- Advance after receiving some security ( ) 2
- Careful scrutiny of antecedents of the workers ( ) 3

069. If you take security from workers before advancing money to them, what is the nature of the security received?

- Personal security on bond paper ( ) 0
- Surety of good and sound parties ( ) 1
- Others (mention) ( ) 2

070. What is the method of recruitment of workers?

- Newspaper advertisement and interview ( ) 0
- Past connections and relations ( ) 1
- Through agents ( ) 2
- Others (mention) ( ) 3

071. If the labourers are procured through agents, what is the usual commission payable to the agents?
Below Rs.25  ( ) 0
Rs.50 to 75 per worker  ( ) 1
Rs.76 to 100 per worker  ( ) 2
Above Rs.100 per worker  ( ) 3

072. How do you locate the workers?

Consulting friends  ( ) 0
Workers come to work site in search of work  ( ) 1
Others (mention)  ( ) 2

073. Nature of work  Number  rate of pay

A. Total employed for sacha :
B. Total employed for carrying bricks to the kiln :
C. Total employed for arranging the bricks in the kiln :
D. Total employed for carrying water :
E. Other workers (specify) :

074. Whether the workers are taken from the local area or outsiders or both?

Local people  ( ) 0
Outsiders  ( ) 1
Both local and outsider  ( ) 2

075. Are the workers related to you or your family?

Yes  ( ) 0
No  ( ) 1

076. How many family members are working in the brick kiln?

Below 5  ( ) 0
6 to 10  ( ) 1
11 to 15  ( ) 2
077. If the workers are your relatives please state the nature of relationship?

- Distant relations (0)
- Neighbours (1)
- Other type of relation (mention) (2)

078. Do you find shortage of labour during the production season?

- Yes (0)
- No (1)

079. If yes, state whether the shortage is of a particular type or is of general nature?

- Shortage of specific type (0)
- Shortage of general nature (1)
- Other types (mention) (2)

080. If the shortage is of a specific type, state the type of labour in short supply.

- Soil cutting and mixing labour (0)
- Sacha workers (1)
- Workers to carry bricks water etc. (2)
- Workers to arrange brick in kiln (3)
- Others (mention) (4)

081. Whether you prefer to employ experienced workers or new workers?

- Experienced workers (0)
- Inexperienced workers (1)

082. If you prefer Inexperienced workers for work, what is the reason for the same?

- They are more sincere (0)
- They are ready to work for less pay (1)
- They take more interest in the work (2)
They are easily available ( ) 3
Others reasons (mention) ( ) 4

083. Was there any litigation between you and your labourers in the past?

Yes ( ) 0
No ( ) 1

084. If yes, what was the main reason for the litigation?

Demanding more pay ( ) 0
Demand for advance money ( ) 1
Demand for leave facilities ( ) 2
Demand for festival allowance ( ) 3
Demanding more rest period ( ) 4
Others (mention) ( ) 5

085. Do the workers go on strike during the production period?

Yes ( ) 0
No ( ) 1

086. If yes, what are the reasons for such strike?

Demand more pay ( ) 0
Demand for advances ( ) 1
Demand for paid holidays ( ) 2
Others (mention) ( ) 3

087. How do you deal with adamant or work shirking workers?

Dismissing them from work after due warning ( ) 0
Withholding their payment ( ) 1
Reduction of the rates of pay ( ) 2
Other methods (mention) ( ) 3

D. WATER SUPPLY

088. Whether you have free water supply at the production site or you have to depend upon the water supplied from outside?
Free water supply at site ( ) 0
Supplied from outside ( ) 1

089. If you have free water supply at site what is the exact nature of the water source?

Reservoir ( ) 0
Bore well ( ) 1
Well ( ) 2
River ( ) 3
Pond ( ) 4
Others (mention) ( ) 5

090. If it is a borewall, whether it is fitted with hand pump or electric pump?

Hand pump ( ) 0
Electric pump ( ) 1
Diesel/kerosene pump ( ) 2
Others (mention) ( ) 3

091. Do you feel scarcity/shortage of diesel/electricity?

Yes ( ) 0
No ( ) 1

092. How do you overcome the problem due to shortage of electricity or diesel or kerosene?

Buying kerosene etc in black market for extra price ( ) 0
Other alternatives (specify) ( ) 1

093. Do you have any preference/concession/priority for supply of kerosene/diesel/electricity for brick production?

Yes ( ) 0
No ( ) 1

094. If yes, what is the nature of preference or concession or priority?

Reduction in price ( ) 0
Extra quantity supplied ( ) 1
095. Whether water lifting pumps are available in the nearby area on hire or not?

- Available ( ) 0
- Not available ( ) 1

096. Have you used hired pumps for lifting water?

- Yes ( ) 0
- No ( ) 1

097. If yes, from whom you usually hire the pump set?

- From relatives and friends ( ) 0
- From hire vendors ( ) 1
- Owned sets ( ) 2

098. Whether the friends and relatives allow you to use their sets without charging hire or rent?

- Yes ( ) 0
- No ( ) 1

099. If the sets are taken on hire basis from hire vendors, are you happy with the performance of these sets?

- Yes ( ) 0
- No ( ) 1

100. Are you happy with the service given by these hire vendors?

- Yes ( ) 0
- No ( ) 1

101. In case the sets taken from hire vendors on hire basis fail to give proper service, what is the remedy?

- Sets replaced immediately ( ) 0
- Hire charges reduced or cancelled ( ) 1
- Other remedies (mention) ( ) 2
102. Whether the pump sets are available in nearby shops or you are made to go to distant places to get the sets on hire or rent?

Sets available in the nearby places ( ) 0
Not available in the nearby places ( ) 1

103. If the sets are not available in the nearby places what is the approximate distance from where you can get the sets on hire basis?

- Within 5 kilometres ( ) 0
- 5 to 10 kilometres ( ) 1
- 10 to 15 kilometres ( ) 2
- 15 to 20 kilometres ( ) 3
- Above 20 kilometres ( ) 4

104. Do you have necessary transportation facility to go to the place from where you have to bring sets, their spares, fuel and other necessary materials?

Yes ( ) 0
No ( ) 1

105. Whether the roads to the nearby cities are good?

- Good ( ) 0
- Not good ( ) 1
- Bad ( ) 2
- Extremely bad ( ) 3

106. Is the water source very much away from the site of production?

Yes ( ) 0
No ( ) 1

107. Whether you depend upon original sources like borewells etc., for supply of water or you depend upon others like those who supply water on contract basis through tankers etc.,?

Water taken from original sources ( ) 0
108. If you are dependent upon outsiders for supply of water, mention whether you get sufficient quantity of water for production purpose as and when you are in need of it?

Yes ( ) 0
No ( ) 1

109. Are you happy with the service rendered by these suppliers?

Yes ( ) 0
No ( ) 1

110. What is the usual vehicle used by the water suppliers for the supply of water?

Trucks ( ) 0
Tractors ( ) 1
Bullock carts ( ) 2
Others (mention) ( ) 3

111. Is there any competition between the suppliers of water for the supply of water?

Yes ( ) 0
No ( ) 1

112. If yes, please mention the nature of competition.

Reduced price ( ) 0
Reliability of supply ( ) 1
Any others (mention) ( ) 2

113. Are you having sufficient facility to store water in large quantities?

Yes ( ) 0
No ( ) 1

114. If yes, how do you store water?

In ponds ( ) 0
115. If not, how do you manage to meet the requirement of water?

- Bringing water with the help of your own vehicles: ( ) 0
- Using water from own wells: ( ) 1
- Other arrangements (mention): ( ) 1

116. If the water is stored in barrels, whether the barrels are owned or hired?

- Owned: ( ) 0
- Borrowed: ( ) 1
- Others (mention): ( ) 2

117. Was the production of bricks held up any time for shortage of water?

- Yes: ( ) 0
- No: ( ) 1

118. If the production was held up for shortage of water please mention whether you were in a position to make alternative arrangements or not.

- We were in a position to make alternative arrangements: ( ) 0
- We were not in a position to make alternative arrangements: ( ) 1
- Alternative arrangements were not viable costwise: ( ) 2
- Other reasons like (mention reasons): ( ) 3

TABLE FOR DETAILS

<table>
<thead>
<tr>
<th>Water Source</th>
<th>Lifting &amp; carrying charges</th>
<th>Rent payable for pump sets</th>
<th>Rent for water barrels</th>
<th>Other charges (mention)</th>
</tr>
</thead>
</table>

161
119. Do you have motorable roads upto the site of production?
   Yes ( ) 0
   No ( ) 1

120. If yes, whether the roads are metalled or not?
   Metalled ( ) 0
   Not metalled ( ) 1

121. How many trucks/tractors are owned by the brick manufacturer/s?
   Nil ( ) 0
   One ( ) 1
   Two ( ) 2
   Three ( ) 3
   Four ( ) 4
   Five ( ) 5
   Six ( ) 6
   More than Six ( ) 7

122. Do you own bullock carts?
   Yes ( ) 0
   No ( ) 1

TABLE FOR DETAILS

<table>
<thead>
<tr>
<th>Type of vehicle purchased</th>
<th>Estimated cost when vehicle owned</th>
<th>Life of the vehicle</th>
<th>Annual repairs etc., (Approx. per vehicle)</th>
<th>Cost of diesel drivers etc., etc.</th>
</tr>
</thead>
</table>

123. Whether the above said vehicles are used solely for brick business or the vehicle/s is/are used for other purposes also?
   Used solely for brick business ( ) 0
   Used for other purposes also ( ) 1
124. If the vehicle is used for other purposes also, please mention the approximate usage of the vehicle/s for brick business and for other purposes.

- 10% for other purposes ( ) 0
- 20 to 30% for other purposes ( ) 1
- 31 to 50% for other purposes ( ) 2
- 51 to 70% for other purposes ( ) 3
- 71 to 90% for other purposes ( ) 4
- More than 90% for other purposes ( ) 5

E. FINANCE:

125. How did you finance your units?

- Bank ( ) 0
- Private money lenders ( ) 1
- Self financing ( ) 2
- Co-operative societies ( ) 3
- Friends, relatives etc., ( ) 4
- Others (mention) ( ) 5

126. Do you face any problem in obtaining finance?

- Yes ( ) 0
- No ( ) 1

127. If yes, what are the usual problems in obtaining finance?

- Lack of securities ( ) 0
- Lack of persons or agencies who are ready to finance brick units ( ) 1
- Rate of interest is very high ( ) 2
- Too much of harassment by the money lenders ( ) 3
- Others (mention) ( ) 4

TABLE FOR DETAILS

<table>
<thead>
<tr>
<th>Source of funds</th>
<th>Rate of interest</th>
<th>Reliable/Not reliable</th>
<th>Nature of security demanded for/&amp; max. limit. if any.</th>
<th>Quickly available/ not so.</th>
</tr>
</thead>
</table>
1. Banks
2. Co-operatives
3. Relatives and friends
4. Private money lenders
5. Others (mention)

128. On what basis you sell bricks?

Cash ( ) 0
Credit ( ) 1
Partly cash and partly credit ( ) 2

TABLE FOR DETAILS

<table>
<thead>
<tr>
<th>Bricks sold on cash basis (in '000s)</th>
<th>Bricks sold on credit basis (in '000s)</th>
<th>Total bricks sold (total of col.1 &amp; 2)</th>
<th>% of col.1</th>
<th>% of col.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

129. Do you depend on the middlemen for selling the bricks?

Yes ( ) 0
No ( ) 1

130. If yes, mention the type of middlemen involved in the deal.

Wholesalers of bricks ( ) 0
Retailers of bricks ( ) 1
Agents ( ) 2
Goundies engaged in the construction work (masons) ( ) 3
Others (specify) ( ) 4
131. Whether the middlemen advance money to you for the production purpose?

Yes ( ) 0
No ( ) 1

132. Do the middlemen cheat you?

Yes ( ) 0
No ( ) 1

133. If yes, how?

They fail to pay the price ( ) 0
They pay very low price compared to market price ( ) 1
Delayed payment ( ) 2
Forced sales through them at cheap rate ( ) 3
Other methods (specify) ( ) 4

134. If the bricks are sold with the assistance of agents, specify whether the agents are employed by you or they are employed by others.

Employed by us ( ) 0
Employed by others ( ) 1

135. If employed by others, specify the parties who usually employ these agents?

Wholesale dealers ( ) 0
Retailers ( ) 1
Building contractors ( ) 2
Others (specify) ( ) 3

TABLE FOR DETAILS

<table>
<thead>
<tr>
<th>Nature of middlemen/agents</th>
<th>Usual commission or profit demanded</th>
<th>Reliable/not reliable</th>
<th>Work favourably/do not work favourably</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
136. Have you received any assistance from government agencies?

Yes ( ) 0
No ( ) 1

137. If yes, give the name of such agencies which have helped you?

KSFC ( ) 0
IFC ( ) 1
Commercial Banks ( ) 3
Others (specify) ( ) 4

138. Have you thought of mechanising the brick production?

Yes ( ) 0
No ( ) 1

139. If yes, what hurdles you feel stop you from mechanising the production of bricks?

Heavy capital requirement ( ) 0
Scarcity of skilled labour ( ) 1
Lack of demand for mechanised bricks ( ) 2
Mechanisation is not justified for other reasons, (specify) ( ) 3

140. If not why?

Lack of proper technical know-how ( ) 0
Satisfied with the present method of production ( ) 1
Not justified because of the seasonality of the industry ( ) 2

141. Do you have covered sheds for storing backed bricks?

Yes ( ) 0
No ( ) 1

142. Do you suffer abnormal losses?

Yes ( ) 0
No ( ) 1
143. If yes, what is the nature of the abnormal loss?

- Loss of bricks due to rain etc., ( ) 0
- Loss of bricks due to theft ( ) 1
- Loss due to defective soil ( ) 2
- Loss due to negligence of workers ( ) 3
- Other reasons (specify) ( ) 4

F. OTHER PROBLEMS:

144. Do you have any organisation of brick manufacturers?

- Yes ( ) 0
- No ( ) 1

145. If yes, what type of organisation you are having?

- Registered Co-operative Societies ( ) 0
- Registered Association ( ) 1
- Guilds ( ) 2
- Others (mention) ( ) 3

146. What type of assistance is given by the organisation?

- Financial ( ) 0
- Managerial consultancy ( ) 1
- Technical consultancy ( ) 2
- Marketing consultancy ( ) 3
- Others (mention) ( ) 4

TABLE FOR COLLECTION OF DETAILS ABOUT CAPITAL STRUCTURE

A) Total capital employed :
B) Investment in fixed assets :
C) Amount spent during the season for labour payment :
D) Truck loads of coal ash purchased and rate per truck load :
E) Amount paid/payable for land or for soil :
F) Other expenses (specify) :
G) Total no. of labourers engaged during the season :

H) Total bricks produced during the season :

I) Percentage of borrowed capital during the season :

J) Interest rate for borrowed funds during the season :

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