

PRE-FEASIBILITY STUDY REPORT

FOR

INCREASE in production capacity of few products, addition of NEW products and INSTALLATION of incinerator at EXISTING refrigerant gas & fluorospecialty chemicals manufacturing plant

OF

GUJARAT FLUOROCHEMICALS LTD.

LOCATED AT

SURVEY NO. 16/3, 26, 27,  
VILLAGE: RANJITNAGAR, TALUKA: GHOGHAMBHA,  
DISTRICT: PANCHMAHAL, GUJARAT

JANUARY 2016

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## 1. EXECUTIVE SUMMARY

- Name of the unit** : M/s. Gujarat Fluorochemicals Ltd.
- Location of the unit** : Survey No. 16/3, 26, 27, Village: Ranjitnagar, Taluka: Ghoghamba, District: Panchmahal - 389 380, Gujarat.
- Telephone Number** : Tel. No. +91 - 2678 – 248152 (M) 96625 27632  
Fax No. +91 - 2678 - 248153
- Contact Information** : Mr. D. K. Sachdeva – Executive Director  
Survey No. 16/3, 26, 27, Village: Ranjitnagar, Taluka: Ghoghamba, District: Panchmahal - 389 380, Gujarat.
- Category of industry** : Category 'A'  
Project Activity No. 5 (f) – Synthetic Organic Chemicals
- Cost of the Project** : Rs. 100 Crores
- Land Area** : Proposed expansion will be carried out within the existing premises of 2,05,803 m<sup>2</sup> area.
- Source of water** : Narmada Nigam Water Supply/Borewell



## 2. INTRODUCTION OF THE PROJECT

We (Gujarat Fluorochemicals Limited) are a public limited company listed on both the Bombay Stock Exchange and the National Stock Exchange of India. We represent the interests of close to 10,000 shareholders across the country.

We have installed and operate, since 1989, a Refrigerant Gas Plant to manufacture HCFC 22, at Survey No. 16/3, 26 and 27, Village Ranjitnagar, Taluka Ghoghamba, District Panchmahals, Gujarat, with state-of-the-art technology sourced from leading US Companies, GFL is the largest producer of Refrigerant Gases in India. We are accredited with ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certification by the Intertek Quality Registrar.

### (i) Identification of the project and Project Proponent

M/s. Gujarat Fluorochemicals Ltd. proposes to increase in production capacity of few products, addition of new products and installation of incinerator to their **EXISTING** refrigerant gas and fluorospecialty chemicals manufacturing unit located at Survey No. 16/3, 26, 27, Village: Ranjitnagar, Taluka: Ghoghamba, District: Panchmahal - 389 380, Gujarat.

#### Promoter

Inox Leasing and Finance Limited

#### Directors

Mr. Devendra Kumar Siddhomal Jain – Chairman of the company. He is a graduate in History (Hons.) from St. Stephens College, Delhi, possesses over 55 years of rich experience in business management and international trade.

Mr. Vivek Kumar Devendra Jain – Managing Director of the company. He is a graduate of Commerce from St. Stephens College, Delhi and also has a post graduate degree in Business Administration from the Indian Institute of Management Ahmedabad. He has over 34 years of rich business experience in setting up and managing several businesses.

Mr. Pavan Kumar Jain – Director of the company. He is a Chemical Engineer from Indian Institute of Technology, New Delhi, with over 38 years of experience of handling several diverse businesses.

Mr. Shailendra D. Swarup – Director of the company. He is a law graduate and a Senior Advocate. He is practicing in the High Court and Supreme Court of India, at New Delhi. He has around 44 years of experience in handling various legal matters.



Ms. Vanita Bhargava - She is a Commerce and Law graduate of Delhi University and partner in the Dispute Resolution Group of Khaitan & Co, New Delhi. She has 17 years' of experience as practicing advocate at Supreme Court, High Court, Company Law Board, National Green Tribunal, Mining Tribunal, Consumer Forums and its Appellate Authorities.

Mr. Dinesh Kumar Sachdeva – Whole Time Director of the company. He is B.Tech (Chemical Engineering) from the Indian Institute of Technology, Kharagpur, and has over 41 years of experience in the technical field of various chemical/ process plants.

Mr. Anand Bhusari – He is a post graduate in Chemical Engineering from IIT, Bombay & has 34 years of experience essentially in Petrochemicals & Refinery Operations, technology management, project execution, debottlenecking, safety & quality systems.

Dr. S. Rama Iyer – Director of the company. He is B.E. Chemical Engineer and has done his M. Tech and Ph. D from Indian Institute of Technology, Mumbai. He is involved with process technology, design engineering, project management and construction management of large projects both in India and abroad.

Mr. Om Prakash Lohia – Director of the company. He is a commerce graduate from Kolkata University and after graduation, joined the family textile business, which gave him management exposure in all disciplines of business management. He is also Chairman and Managing Director of Indo Rama Synthetics (India) Limited.

Mr. Deepak Asher – Director of the company. He is graduated in Commerce & Law, and is a Chartered Accountant and a Cost Accountant by profession. He has been associated with the Inox Group for almost twenty five years now, in different capacities.

Mr. Shanti Prasad Jain – Director of the company. He is graduated in Commerce & Law, and is a Chartered Accountant and a Cost Accountant by profession. He has been associated with the Inox Group for almost twenty five years now, in different capacities.

Mr. Rajagopalan Doraiswami – He has done his Master of Science in Physics and joined Indian Administrative Services in the year 1974. He has retired from the Government Service.

**(ii) Background and Need of the Project:**

The preliminary pre feasibility study aimed at defining the objective of the project comprises of market analysis and trend analysis, fixing of production capacity along with forward, backward and other products, examination of competing processes, estimation of investment costs, estimation of production costs, and estimation of profitability.

- **Market Analysis and Production Capacity:** The economically optimum plant capacity has been set by considering careful market analysis. This analysis has been performed by experienced market analysts. These specialists have evaluated literature on the development of Fluorospeciality products, determine the capacity of production facilities, carry out representative surveys, obtain suitable conditions from downstream processors in the case of intermediate products, and forecast the future market for the product. They have provided a realistic evaluation of the competition and the world economic situation. Forecasts of costs for raw materials and working capital play an important role in the economic analysis.
- **Cost Comparative Methods:** As the adequate data are available from the internet and various other patents on Fluorospeciality products, the investment cost has been derived both internally by our experienced project and marketing team (which has experience of developing such set up in Dahej) and also through external consultant.
- **Profitability Calculation:** The profitability calculation has been worked out on the basis;
  - 1) Payback Period: In case the payback period of less than 2 years, the investment has been considered as worthy.
  - 2) Return on Investment: The minimum ROI of 20% has been considered as a viable and profitable option.

**(iii) Industry Overview and Prospects:**

We introduce ourselves as Gujarat Fluorochemicals Limited (GFL), a public limited company belonging to INOX Group, an 80 years old Indian business house having interest in the business of industrial gases, refrigerant gases and Chemicals. GFL attained a key milestone in 2007, when it commissioned India's largest PTFE plant. PTFE is an extremely specialized engineering plastic, and only a select few firms the world over have the technology for PTFE manufacture. GFL also operates India's largest refrigerant plant, and at one time, exported refrigerants to more than 75 countries across the globe.

Driven by the principle of "conservative aggression", GFL desires to undertake construction of new venture of business line of fluorospeciality product, which is in synergy as we can utilize our existing building blocks that are TFE, R22, HF, HCL, Cl<sub>2</sub> etc. The global fluorochemicals market was estimated at 3.3 mtpa (in terms of elemental fluorine content) in 2013 valued at ~US\$ 17.5bn. As per industry reports, it is set to grow at ~5.3% CAGR to US\$ 25bn by 2020. Volume growth is expected to be lower at 44.3% signifying rise in value added products.

When it come Fluorospeciality chemicals use of different fluorine products have find very vital application in both Pharma and agro industry and according to reports :

**In Pharma Industry:** Fluorine is present in ~20% of all pharma molecules. Inherent features and rising ease of handling will lead to increase in usage of Fluorine.



**In Agro Industry:** In agro industry Fluorinated active ingredients are becoming more significant owing to their environmental compatibility and their high efficacy. One in two new agrochemicals contains fluorine.

**(iv) Imported vs. Indigenous Production:**

The products which will be manufactured in said unit will be of international standards, which will have acceptability in the export as well as domestic market.

**(v) Export Possibility**

The products envisaged in the said complex will be of international standards and compete with the industrial majors across the globe as well as will be able to service the domestic markets.

**(vi) Employment Generation**

Manpower requirement for proposed activity is foreseen as 170 nos. with a broad breakdown as follows:

Sr. No.	Category	Nos.
1	Senior Management	4
2	Middle Management	8
3	Engineer / Chemist / Officers	18
4	Foremen / Supervisors / Assistant	26
5	Operator / Attendant	78
6	Workmen / Labors	36
<b>Total</b>		<b>170</b>

### 3. PROJECT DESCRIPTION

**(i) Type of Project :**

Increase in production capacity of a few products and add a few new products to EXISTING manufacturing activity.

**(ii) Location of project:**

Survey No. 16/3, 26, 27, Village: Ranjitnagar, Taluka: Ghoghamba, District: Panchmahal - 389 380, Gujarat.

The geographical information of the proposed project is as given below:

Latitude : 22° 31' 52.80" N, Longitude : 73° 35' 48.51" E

Please refer **Annexure 1** of Form 1 for the project location map.



**(iii) Site selection:**

- The site selected is located at Village: Ranjitnagar, Taluka: Ghoghamba, District: Panchmahal of Gujarat state.
- The proposed expansion is to be carried out within the existing premises of Gujarat Fluorochemicals Ltd. and hence no additional land will be required.
- The project site is well connected by road & rail to major cities of Gujarat state. Transport facilities for all over India are sound at project site.
- There is no Wildlife Sanctuary/National Park within 10 km radius of the project site.
- Trained and qualified manpower is easily available in this area.

**(iv) Details of alternative site considered:**

No alternative site is examined because the proposed expansion activity is to be carried out within the existing premises of M/s. Gujarat Fluorochemicals Ltd.

**(v) Size or magnitude of project:**

The production capacity of the proposed project is given below:

Sr. No.	Name of Product	Production Capacity (MT/Annum)		
		Existing	Additional	Total
1	Monochloro Difluoro Methane (HCFC-22)	18,000	0	18,000
2	Difluoromethane (HFC-32)	500	8,500	9,000
3	Ethyl difluoroacetate (EDFA)	600	600	1,200
4	Bromo Trifluoromethane (BTFM)	400	0	400
5	4-(Heptafluoroisopropyl)-2-methyl aniline/ 2- Bromo Heptafluoro Propane*	400	200	600
6	2,5-Dichloro-4-Hexafluoropropoxy aniline	300	0	300
7	Ethyl difluoroaceto acetate (EDFAA)	600	0	600
8	Chloro difluoro ethane (R-142)	50	450	500
9	Ethyl tetrafluoroethyl ether (ETFEE)	150	4,850	5,000
10	Penta Fluoro Phenol	120	380	500
11	4-Chloro-2-Trifluoro Acetyl Aniline	1,200	300	1,500
12	Difluoro acetic acid	0	400	400
13	Difluoro acetone	0	500	500
14	Difluoro ethyl amine	0	500	500
15	Penta fluoro benzoic acid	0	500	500
16	Tetra fluoro benzyl alcohol	0	500	500
17	TFA & its derivatives	0	5,000	5,000

Sr. No.	Name of Product	Production Capacity (MT/Annum)		
		Existing	Additional	Total
18	2,6-Dichloro-4-trifluoromethyl Aniline (DCTFMA)	0	500	500
19	2-Bromo-5-Fluorobenzotrifluoride	0	500	500
20	2,3-Dichloro-5-Trifluoromethyl Pyridine	0	500	500
21	Difluoromethane sulfonyl chloride (DFMSC)	0	300	300
<b>TOTAL</b>		<b>22,320</b>	<b>24,480</b>	<b>46,800</b>

**(vi) Project description with process details:**

Please see attached FORM 1 (annexure no. 6) for the process details.

**(vii) Mode of transportation of raw material and products:**

The raw material will be received in containers/isotanks/cylinders/barrels/bags/drums. All these raw materials will be stored in appropriate storage area. Transportation of products within-outside the country will be done in the various sealed containers, isotanks, cylinders and barrels via road, rail, waterways and airways.

**(viii) Recycle / reuse options:**

Industry will explore the possibility of reuse / recycle of water.

**(ix) Sources of water and electricity**

- |                             |   |
|-----------------------------|---|
| (1) Water Source            | Narmada Nigam Water Supply/<br>Borewell                               |
| (2) Electricity Source      | Madhya Gujarat Vij Company Limited<br>(MGVCL) and Captive Power Plant |
| (3) Electricity Requirement | 6500 KW   |
| (4) D.G. Sets:              |   |

No. of D.G. Sets	Capacity (KVA)	Remarks
G.G. Set No. 1 (gas generated)	1020	--
G.G. Set No. 2 (gas generated)	1365	
G.G. Set No. 3 (gas generated)	1365	
D.G. Set No. 1	1500	Standby in case of failure of MGVCL (G.E.B) power supply
D.G. Set No. 2	1500	
D.G. Set No. 3	125	For AMF duty.
D.G. Set No. 4	62.5	

**(x) Quantity of waste to be generated along with its mode of disposal:**

Sr. No.	Type of Waste	Cat.	Quantity, MT/Year			Mode of Disposal
			Existing	Proposed	Total	
<b>Hazardous Waste</b>						
1.	Oily cotton waste	5.2	1.2	1.8	3.0	Collection, storage, transportation, disposal by incineration at common hazardous waste incineration facility of M/s. NECL, Nandesari.
2.	Spent Catalyst	35.2	25	25	50	Collection, storage, transportation, disposal at TSDf site of M/s. NECL, Nandesari.
3.	Dessicants (Alumina/ Molecular sieve)	--	35	65	100	
4.	ETP Sludge	34.3	1637.39	360	2000	Collected in HDPE bags, stored and disposed off at TSDf site of M/s. NECL, Nandesari.
5.	Used Oil	5.1	14.4	15.6	30	Collection, storage, transportation, disposal by selling to registered re-refiners.
6.	Discarded Asbestos roof sheet	15.2	1.2	--	1.2	Collection, storage, transportation, disposal at TSDf site of M/s. NECL, Nandesari.
7.	Resin	--	500 L	1000 L	1500 L	
8.	Discarded Containers	33.3	What so ever generate	500	750	Collection, storage, transportation, disposal by selling to authorized recyclers.
9.	Organic Residue	35.1, 35.3	--	1200	1200	Collection, storage, disposal by incineration either in own incinerator or at common hazardous waste incineration facility.
<b>Solid Waste</b>						
1.	Ash from Boiler	--	2.4 MT/day	--	2.4 MT/day	Ash will be sold to Cement/ RMC/ paver blocks/ building blocks/building bricks manufacturer units.

**(xii) Details of Fuel Consumption:**

Sr. No.	Name of Fuel	Quantity of Fuel			Storage & Transportation
		Existing	Proposed	Total	
1	Re-liquefied Natural Gas (RLNG)	27,116.80 Sm <sup>3</sup> /day	3,000 Sm <sup>3</sup> /day	30,116 Sm <sup>3</sup> /day	Pipeline
2	Imported Coal	24 T/day	0	24 T/day	Storage area /By road
3	Low Sulphur High Stock (LSHS)	360 Kg/hr	0	360 Kg/hr	Storage area /By road

**(xiii) STACK & VENTS****➤ FLUE GAS STACKS**

Sr. No.	Stack attached to	Stack height from G.L. (m)	Stack dia. at top (m)	Air Pollution Control Measures
<b>❖ Existing</b>				
1.	FBC Boiler Boiler (standby)	33	0.65	Multicyclone Dust Collector followed by Bag Filter
2.	Waste heat recovery boiler attached to diesel power generating set	30	0.45	Not applicable, as Natural Gas is used as a fuel.
3.	Waste heat recovery boiler attached to RLNG power generating set-A	30	0.60	
4.	Waste heat recovery boiler attached to RLNG power generating set-B	30	0.45	
5.	Waste heat recovery boiler attached to RLNG power generating set-C	30	0.45	
6	Rotary Kiln	30	0.50	
<b>❖ Proposed</b>				
Nil, because existing boiler will be used for the proposed expansion activity.				



## ➤ PROCESS GAS VENTS

Sr. No.	Stack attached to	Stack height from G.L. (m)	Stack dia. at top (m)	Expected Parameter	Air Pollution Control Measures
<b>❖ Existing</b>					
1.	Tail gas scrubber connected to AHF	30	0.25	HF SO <sub>2</sub>	Wet Alkali Scrubber
2.	Central Scrubber connected to safety valves of HF tanks	30	0.30	HF HCl	Wet Alkali Scrubber
3.	Gypsum Scrubber connected to AHF	20	0.20	SPM	Water Scrubber
4.	Spar Dryer connected to AHF	30	0.45	SPM	Bag Filter
5.	Spar Dryer with Silo connected to AHF	30	0.35	SPM	Bag Filter
6.	Thermal Oxidizer	30	0.30	SPM SO <sub>2</sub> HF HCl NO <sub>x</sub> TOC CO	Water Scrubber + Caustic Scrubber
7.	Spray Dryer for ETP	25	0.30	SPM	Cyclone Separator + Water Scrubber
8.	Gypsum handling system connected to AHF	20	0.20	SPM	Bag Filter
9.	HCl Scrubber Vent*	20	0.30	HCl	Water Scrubber + Caustic Scrubber
10.	Spray Dryer for KF connected to EDFA & RFA	30	0.20	SPM	Cyclone Separator + Water Scrubber
11.	EDFA Plant	30	0.20	HF	Water Scrubber + Caustic Scrubber
* Common stack attached to Chloro difluoro ethane plant & 4-Chloro-2-Trifluoro Acetyl Aniline plant					
<b>❖ Proposed</b>					
1	Central Scrubber for MPP	30	0.30	HF HCl Bromine	Water Scrubber + Caustic Scrubber



Sr. No.	Stack attached to	Stack height from G.L. (m)	Stack dia. at top (m)	Expected Parameter	Air Pollution Control Measures
2	Scrubber connected to MPP	30	0.30	HF	Water Scrubber + Caustic Scrubber
				HCl	
3	Common incinerator	30	0.30	SPM	Water Scrubber + Caustic Scrubber
				SO <sub>2</sub>	
				NO <sub>x</sub>	
				HF	
				HCl	
				CO	

#### 4. SITE ANALYSIS

##### Connectivity:

The proposed expansion is to be carried out within the existing premises located at Village: Ranjitnagar, Taluka: Ghoghamba, District: Panchmahal, Gujarat. The State Highway No. 4 is passes through Nadiad - Halol - Godhra - Lunawada as well as the National Highway No. 59 is passes through the district connecting it to Ahmedabad (136 km) & Indore. Existing roads and rails will be used for the proposed expansion activity. No new roads or rails are envisaged outside the boundary of the plant.

##### Land use Pattern:

The proposed activity is to be carried out within the existing premises which have been already converted into Non Agriculture (NA) land. The said land is fall in the Panchmahal District. The total land in the district is 5,210 sq. km. The land classification according to the different uses for the rural areas of the district is given below on the basis of information collected for the Village Directory, 2001.

##### Land Classification of Rural Area

Sr. No.	Classification	Area (in Hectares)
1	Forest	1,147.0
2	Irrigated	683.3
3	Un-Irrigated	2,228.5
4	Cultivated Waste Land (Including Gaucher & Groves)	441.7
5	Area not available for cultivation	590.8
<b>Total</b>		<b>5,091.3</b>

##### Land Ownership:

The land is owned by company.



**Topography:**

The district Panchmahals is a part of Eastern hilly region and is sub-divided into mahi plain and forested and scrub zone on the basis of topography. However the proposed activity is to be carried out within the existing premises.

**Existing Infrastructure:-**

**Land:** Proposed expansion will be carried out within the existing premises of 2,05,803 m<sup>2</sup> area.

**Utilities:**

- Power requirement will be met by Madhya Gujarat Vij Company Ltd.
- The source of water shall be met by Narmada nigam water supply/Borewell.
- Reliquified natural gas will be used as a fuel in power generating sets and imported coal will be used as fuel in boiler.

**Transport:**

**Rail:** The nearest railway station is Derol, approx. 35 km.

**Road:** The project site is well connected by road.

**Air:** The nearest domestic airport is Vadodara Airport, approx. 45 km.

**Communication:** All modern communication facilities i.e. Telephone, Mobile Phones, Internet etc. available at project site.

**Soil Classification:**

The proposed expansion is to be carried out within existing premises.

**Climate data from secondary sources:**

**Temperature:**

Maximum: 45 °C

Minimum: 14 °C

**Rainfall**

Average (Annual): 823 mm

Maximum rainfall: 725 mm

Minimum rainfall: 14.5 mm

**Relative Humidity**

Maximum: 75 %

Minimum: 21 %

**Wind Speed:**

Maximum: 25.4 Km/Hr

Minimum: 10.3 Km/Hr



<b>Total No. of Villages in Ghoghamba Taluka: 95 Villages</b>		
<b>Sr. No.</b>	<b>Type of Amenities Available</b>	<b>No. of Villages with basic amenities</b>
1	Education (Primary School)	184
2	Medical (Public Health Sub-Centre)	40
3	Drinking Water	95
4	Post Office	49
5	Telephone	125
6	Transportation & Communication	79
7	Banks (Commercial & Co-operative)	5 & 4
8	Power Supply	81
9	Approach to Pucca Road	75

**5. PLANNING BRIEF :****(i) Planning Concept:**

It is an existing refrigerant gas and fluorospecialty chemicals manufacturing unit where all types of facility available.

**(ii) Population Projection:**

Population of Ghoghamba Taluka including Urban & Rural area is 1,79,659.

**(iii) Land use planning:**

As per Annexure 1 of Form 1

**(iv) Assessment of Infrastructure Demand:**

There is no demand from other industries at present.

**(v) Amenities / Facilities:**

All type of facilities available like water, hospitals, schools, transportation etc.





## 6. PROPOSED INFRASTRUCTURE:

- (i) **Industrial area:** 2,05,803 m<sup>2</sup>
- (ii) **Residential area:** Not applicable
- (iii) **Green belt:** Approximately 87,545 m<sup>2</sup>
- (iv) **Social infrastructure:** Not Applicable
- (v) **Connectivity:** Well connected by road, rail and air
- (vi) **Drinking water management :** Narmada Nigam Water Supply/ Borewell
- (vii) **Sewerage system:** All domestic waste water generated will be treated in an existing sewage treatment plant and treated water will be utilized for plantation/gardening and irrigation purposes within the premises.
- (viii) **Industrial waste management :**
  - Water pollution:**
    - Industrial effluent will be treated in the effluent treatment plant and the final treated effluent will be evaporated in a psychometric as well as single/ multiple evaporator system followed by a Spray Dryer. The condensate will be recycled for making scrubbing solution.
  - Air pollution:**
    - Flue Gas Emission: Multicyclone Dust Collector followed by Bag Filter is provided to stack attached to Boilers.
    - Process Gas Emission: Water Scrubber, Alkali Scrubber is/will be provided to various vents attached to reactors.
- (ix) **Power requirement and supply/ source:**

Power requirement will be met through MGVCL.  
D.G. Sets are available for emergency.

## 7. REHABILITATION AND RESETTLEMENT (R & R) PLAN :

Not applicable, since proposed activity is to be carried out within existing plant premises.

## 8. RAW MATERIALS :

Please see attached FORM 1 (annexure no. 5) for the raw material details.

## 9. SUMMARY OF PRODUCTION

Please see attached FORM 1 (annexure no. 4) for the product details.

**10. PROJECT SCHEDULE:**

It has been estimated that completion of the different phases of the project will take approximately 3 to 4 years.

**11. SUMMARY OF COST OF PROJECT**

Sr. No.	Description	Cost – Rs.
1	Land & Land Development	5
2	Factory Building & other Civil Construction	30
3	Plant & Machinery	45
4	Quality Control Equipments	10
5	Pre operative Exps.	10
<b>Total Project Cost</b>		<b>100</b>

**12. MARKET POTENTIAL & PROSPECTS****Turnover**

Turnover from the project is expected to be as per detail bellow.

YEAR	EXPECTED TURNOVER, Rs.
2016 – 2017	50 Crore
2017 – 2018	100 Crore
2018 – 2019	500 Crore
2019 – 2020	900 Crore

**Financial Assistance**

The total outlay for the project is estimated as Rs. 100 Crore.

Sr. No	Means of Finance	Rs. in Lakhs as on 31.03.2015
1	Equity share capital including reserves and surplus	285558.89
2	Long term borrowings from bank – secured loans	29857.61
3	Short term borrowings – secured loans	5963.45
4	Short term borrowings – unsecured loans	35869.18
<b>Total Means of Finance</b>		<b>357249.13</b>