**EL NASR AUTOMOTIVE**

 **MANUFACTURING COMPANY**

**(NASCO)**

An Egyptian Joint Stock Company
Subject to the Provisions of Law no. 203/1991

and

Private Companies Public Enterprise Sector

**Activities**
• Production and sale of passenger cars of all kinds
• Selling spare parts of passenger cars
• Manufacturing for second parties
• Production of components of lorries, buses and engines
• Servicing and maintenance of passenger cars

**Facts and Figures**

|  |  |
| --- | --- |
| **Authorized capital** | 500 million Egyptian pounds |
| **Paid-up capital** | 350 million Egyptian pounds |
| **Total Area** | 388.5 thousand square meters (92.5 acres ) |
| **Buildings** | 149574 square meters |
| Land legal status | Owned by the company. Registration procedures for land and foremost by the company with the Helwan governorate are now in progress. |
| **Number of employees** | 2401 workers as of 1 September 2008 |

**Production Capacity**

|  |  |  |
| --- | --- | --- |
|  | Maximum yearly capacity | Available Yearly Capacity |
| A - Assembly of passenger cars (one shift) | 12000 | 8500 |
| B - Manufacturing and Assembly at Feeding Factories (One Shift Production) |
| Front and Rear Suspensions | 10000 | 7500 |
| Car Seats | 10000 | 7500 |
| Front & Rear Axles | 5000 | 1000 |
| Gear Boxes | 5000 | 1000 |
| Metal Parts | 5000 | 5000 |

Company Departments

**Sales and Passanger Car Sector**

Address : Al-Alfi Revolution Building- 6th floor – Apartment # 12

Down Town Cairo

Phone : (+202)25902630, Fax : (+202) 25890435

**Permanent Exhibition Sector**

Address : 11 Alfi Cairo Bostan El Dekka

Phone : (+202) 25906467, Fax : (+202) 25890435

**Maintenance and After-Sale Services**

Address : 4 Almnyaoi St., Downtown Cairo

Phone : (+202)22354485 – (+202)22355470 –(+202) 22353637

Fax : (+202)22340719

**Company history**

The following Table shows the total number of / Busses and Mini-Busses, Lorries and Tractors produced, until 30 June, 2000

|  |  |  |
| --- | --- | --- |
| # | Product  | Quantity  |
| 1 | Buses and Minibuses | 16114 |
| 2 | Lorries | 33285 |
| 3 | Tractors | 39470 |

On 1 July, 2000, Al-Nasr Automotive Company was restructured with its manufacturing facilities split into two separate companies. Factories designated as H1, H2, H3 in which assembly of lorries, buses, tractors and their engines was taking place, were separated from the mother company, and allocated for establishing a new company named as “The Engineering Company for Automotive Industry”. The remaining manufacturing facilities of the mother company (Factories designated as H4, H5, H6, H7) constituted the current “Al-Nasr Company for Automotives industries”.

Starting from 1 July 2000, the activities of Al Nasr Company for Automotive Industry has become as follows:

**First:**

1. Assembly of Passenger Cars: which took place in Factory H4 which houses assembly lines and painting lines
2. Providing Manufacturing Services for Others: such as car body treatment (ELPO), manufacturing parts of consumer products
3. Spare Parts Trading
4. After-Sale Services of passenger cars

In 2002, the company invested in setting up and operating a car body pre-painting treatment line (ELPO). The ELPO process ensures 10 years resistance of a car body to wear-out and rust. The ELPO project consisted of 14 treatment stages. The total investment of the project reached about 25 million Egyptian pounds.

The following Table show the cumulative production of all passenger car models of Al-Nasr Co, for Automotive Industries since 1959 up to the end of the fiscal year 2006/2007

|  |
| --- |
| **Cumulative production of all passenger car models (1959 – 2008)** |
| **Model** | **Quantity** |
| Nasr 1100 | 12094 |
| Nasr 1300 | 6270 |
| Nasr 1500 | 229 |
| Nasr 2300 | 1867 |
| Nasr JEEP Refi Diesel | 515 |
| Nasr 128 / 1100 | 117989 |
| Nasr 128 / 1300 | 25002 |
| Nasr 125 | 15553 |
| Nasr 131 | 10783 |
| Nasr 133 | 28244 |
| Nasr 127 / 3 doors | 3396 |
| Nasr 127 / 5 doors | 19673 |
| Nasr Ritmo | 4321 |
| Nasr Fura and Super Fura | 22338 |
| Nasr Poloniz 1500 | 14347 |
| Nasr Poloniz 1600 | 2395 |
| Nasr Regata Regular  | 5670 |
| Nasr Regata Air conditioned | 8348 |
| Nasr Dogan 1600 | 6336 |
| Nasr Shahin 1600 | 1632 |
| Nasr Shahin 1400 S L | 6624 |
| Nasr Shahin 1600 S L | 363 |
| Nasr Shahin 1600 S L (Ingection) | 3465 |
| Nasr Florida | 342 |
| Nasr Shahin 1300 | 16608 |
| Nasr Shahin 1400 | 6336 |
| Nasr Shahin 1400 S | 51707 |
| Nasr Shahin 1400 S (Ingection) | 18789 |
| Nasr Dugan with tempra engine  | 4368 |
| Nasr Dogan 1600 modified | 6096 |
| Nasr Tempra | 2352 |
| Nasr 126 | 3261 |
| **Total Number** | **427313** |

**Second:** Manufacturing spare parts and components for Lorries, Buses, Tractors, and passenger cars, previously manufactured by the mother company and still in use by customers. Examples of such parts include: Front hub and Rear hub, Gear boxes, Chassis components, Cardan shafts, Passenger cars suspension parts, and Thermal Treatment process.

The following sections describe in more details the manufacturing facilities available at present in the following factories:

 **\*** Feeding Industry Factories:-

1. Parts Factory (H6)
2. Tools Factory (H5)
3. Presses Factory (H7)

**\***  Passenger Cars Factory (H4)

Activities of Parts Factory (H6)

The main activities of the Parts factory (H6) lie in the production of the following Products:

* Front Axle Complete
* Rear Axle Complete
* Gear Box Complete
* Propeller Shaft Complete
* Suspension For Passenger Cars

Manufacturing of the following parts takes place in H6:

1. Assembly Parts for trucks, busses and tractors (8-12 tons)
2. Suspension parts for passenger cars and feeding industry as follows:
* Front and rear axles with 90% local contribution
* Brake Drums
* Wheels Hubs
* Differential Parts: Gears, Sleeves, Differential Casing, Cover
* Side Shaft
* Axle Bridge
* Front Axle
* Stub Axle
* Bolts
* Gear Boxes
* Propeller Shafts
* Chassis Parts (Pins, Springs, Seats, U-Bolt, Nuts )

**Buildings of H6**

Total Area 32813 m2

Distributed as follows:

Production Area 17144 m2

Stores ( Inside ) 11648 m2

Stores ( Outside ) 1360 m2

Administration Buildings (two floors) 2661 m2

Production Lines in H6

* Stub Axle Line
* Differential Housing Line
* Axle Bridge line
* Front axle line
* Clutch housing line
* Differential case & cover line
* Frot & Rear hub line
* Brake drum line
* Side shaft line
* Military truck stub axle line

Gearbox Workshop in H6

* Grinding Section for Tooth Grinding and Shaving
* Testing Section
* Special Machines for Manufacturing Gearbox Housing
* Gear Box Assembly Line for Production Model (55-35) & (Ak5-35)

Thermal Treatment Workshop located in H5

1. Case & Induction hardening for Alloy Steel
2. Surface Treatment
* Zink Electro-Plating
* Phosphating

Departments of H6

1. Lathe Department Centre Lathe , Turret Lathes , Copying Lathes , Manfort Lathes , Automatic Lathes , Vertical Lathes , CNC Lathes . For turning operation from diameters 3 mm to 1000 mm
2. Milling Department Horizontal milling, vertical milling for up to 1000 mm x 1000 mm
3. Broaching and Threads Department
* Rolling Thread
* Cutting Thread
1. Drilling Department For drilling up to 50.. mm diameters
2. Grinding Department
* Surface grinding
* Internal grinding up to 100 mm diameters
* Center-less grinding up to 40 mm diameters
* External cylindrical grinding up to 500 mm diameters
* Gleason machines for generation of spiral and bevel gears

Machines in Parts Factory

First : Production Lines

|  |  |
| --- | --- |
| Production Lines | Quantity |
| Stub Axle  | 15 |
| Housing  | 8 |
| Axle Bridge  | 5 |
| Front Axle Line  | 6 |
| Clutch Case Line  | 7 |
| Differential Case And Cover Line  | 9 |
| Front Wheel HubRear Wheel Hub | 17 |
| Brake Drum  | 7 |
| Side Shaft Line | 6 |
| Total | 80 |

Second : Production Workshops

|  |  |
| --- | --- |
| Workshop Machines | Quantity |
| Grinding | 16 |
| Drilling | 30 |
| Threading & Broaching | 11 |
| Pipes | 6 |
| Copy lathe | 4 |
| Center lathe | 15 |
| Turret lathe | 14 |
| Milling | 21 |
| Automatic lathe | 8 |
| Saw | 3 |
| Bar lathe | 13 |
| Munfort lathe | 6 |
| Total | 147 |

Third : Gear workshop

|  |  |
| --- | --- |
| Workshop Machines | Quantity |
| Gear cylindrical cutting | 19 |
| Gleason hypoid cutting | 9 |
| Gear hobbing | 8 |
| Gear shaper | 8 |
| Gear grinding | 17 |
| Gear box assembly | 4 |
| Drills for gears | 9 |
| Milling for gears | 9 |
| Cerden shaft | 7 |
| Tractor parts | 7 |
| Inspection tools | 7 |
| Total | 104 |
| Total Machines of parts factory | 331 |

Maximum Production Capacity

Axle assembly Capacity = 4 front axle + 4 rear axle /shift = 1000 axle / year

Gearbox Production = 4 gearbox/shift

 = 4 x 250 day year

 = 1000 gearbox/year

Capacity for Machining Gear Box Parts

= 4 Gear Box / day

= 4 x 250 day

= 1000 Gear Box/Year

Propeller shaft : 1000 unit / year

Labor Force in H6

The total labor force allocated to the Parts factory (H6) amounts to 157, classified as follows:

General Manager 1

Manger 6

Supervisor 5

Setting Worker 27

Workers 98

Assisting & Handling 20