

FFF Industrial Problems

Serial	Proposed Project / Problem	Name of Beneficiary	Project Area	Specialty	Address
1	Manufacturing of high energy emulsifier	Abu-zaabal for specialized chemicals (military factory 18)	Chemistry	High energy Problems	Abu-zaabal
2	Manufacturing of high energy emulsifier	Abu-zaabal for specialized chemicals (military factory 18)	Chemistry	High energy Polymers	Abu-zaabal
3	Enhancement of the insulation for electrical motors to withstand high temperature	Shubra for engineering industries company (military factory 27)	Engineering	Material Engineering	Shubra – Cairo
4	Development of rolling line	Helwan for nonferrous industries company (military factory 63)	Engineering	Material Engineering	Helwan
5	Production of car painting s(furnace painting) which does not based on nitrocellulose	Heliopolis for chemical industries company (military factory 81)	Chemistry	Polymers	Heliopolis
6	Manufacturing of plastic adhesives (rubber/floor,rubber/metal)	Heliopolis for chemical industries company (military factory 81)	Chemistry	Polymers	Heliopolis
7	Production of activated charcoal	Heliopolis for chemical industries company (military factory 81)	Chemistry	Organic chemistry	Heliopolis
8	Manufacturing of anti – corrosion paints	Heliopolis for chemical industries company (military factory 81)	Chemistry	Polymers	Heliopolis
9	Improving the plastic injection line	Heliopolis for chemical industries company (military factory 81)	Engineering	Engineering	Heliopolis
10	Improving the Manufacturing of radiators	Maadi for engineering industries company (military factory 5)	Chemistry	Engineering	Ma`adi-Cairo
11	Design of automatics control systems	Banha for electronic industries company (military factory 144)	Electronics	Electronics - control	Banha
12	Design of CNC machines and controllers	Helwan machinery and equipment company (military factory 999)	Electronics	Engineering electronics	Helwan
13	Design of CNC machines and controllers	Helwan machinery and equipment company (military factory 999)	Electronics engineering	Engineering electronics	Helwan

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14	Improving the manufacturing of poly urethane foam	Al –Maasra for engineering industries company (military factory 45)	Engineering Material	Engineering materials	Al – Maasra-Cairo
15	Improving the manufacturing of poly urethane foam	Al –Maasra for engineering industries company (military factory 45)	Engineering Material	Engineering materials	Al – Maasra-Cairo
16	Enhancing the performance of hot rolling line	Abu-zaabal for engineering industries company (military factory 100)	Engineering Material	Engineering materials	Abu-zaabal
17	Enhancing the performance of cold line of special steel	Abu-zaabal for engineering industries company (military factory 100)	Engineering Material	Engineering materials	Abu-zaabal
18	Improving the automation of production lines	Abu-zaabal for specialized industries company (military factory 300)	Electronic Engineering	Engineering electronics	Abu-zaabal
19	Automatic monitoring systems (SCADA)	Abu-zaabal for specialized industries company (military factory 300)	Electronic Engineering	Engineering electronics	Abu-zaabal
20	Design and manufacturing of dies for industrial scale	Science and technology center of excellence (STCE)	Engineering	Engineering	El-salam city - Cairo
21	Improving the performance of internal combustion engines	Helwan for diesel engines company (military factory 909)	Engineering	Engineering	Helwan – Cairo
22	Improving the performance of hydraulic pumps	Helwan for diesel engines company (military factory 909)	Engineering	Engineering	Helwan – Cairo
23	Manufacturing of electrical circuits by using Aluminum foil covered with Copper	Banha for electronic industries company (military factory 144)	Electronics	Electronics	Kaha-Kaliobia