RESUME

First Name: Jamshid

Last Name: Kamali

Age: 61 Years

Marital Status: Married with two children

Title: Professor

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ACADEMIC DEGREES

1- BSc in Chemistry (from 1972-76), Ahwaz University, Iran.
2- MSc in Nuclear & radiation Chemistry (1976-77),
   Salford University, Salford , England.
3- PhD in Nuclear Technology,
   Department of Chemical Engineering and chemical Technology,
   Nuclear Technology section
   Imperial College of Science and Technology (1977-1980)
   University of London, England.
4- DIC (Diploma of Imperial College).

EXPERIENCES & ABILITIES

1- More than 31 years experience in Nuclear Technology and oil, gas and petrochemical industry. Working as an expert, senior expert, project manager and managing director.
2- More than 23 years practical and theoretical experiences in Nuclear Fuel Cycle.
3- Extensive experiences in industrial projects and familiar with all steps such as: Economical & financial feasibility study, basic design, and detail design, local and foreign purcument. Tenders, local and foreign contracts, project documentation, etc.
4- Familiar with quality control and quality assurance.
5- Ability in preparation and optimization of organization flowchart, job description and relative maters.
6- Good knowledge of English, study in England from 1976 to 1980.
7- Extensive knowledge and experiences in working with local and foreign manufacturer.
8- Familiar in negotiation for local and foreign contracts in equipment manufacturing, project construction and also basic and detail design contract with consulting engineering groups.
9- Extensive experiences in working with foreign companies and traveling to several countries for technical cooperation.
10-Teaching at MSc and phD levels in nuclear technology
11-Supervise MSc and phD theses in nuclear fuel cycle and related subjects .

PUBLICATION

1- J.Kamali, G.N.Walton, the oxidation state of fission fragment iodine in potassium sulphate (Thermal Annealing of K_2SO_4 Containing fission fragment) Radio chemica Act, 36, 109 – 113 (1984), PhD thesis.

2- J.Kamali, G.N.Walton, Electron Spin Resonance of Gama, Electron, Neutron and fission fragment irradiated K_2SO_4, radiation effects, Vol. 84 (1985), PhD thesis.

3- M.H Jankhah, J.Kamali, A Review on Natural Uranium Reactor and their comparison with enriched Uranium Reactor, presented in the national conference on Nuclear Science and Technology in Iran Bushehr, March 14-19 (1986).

4- J.Kamali, (Project Manager), S.Sarhangi, The Preparation of Uranium Dioxide Powder in a Small Fluidized Bed Reactor (part one) published by AEOI, March (1985).

5- J.Kamali, (Project Manager), S.Sarhangi, The Preparation of Uranium Dioxide Powder in a Small Fluidized Bed Reactor (part two)presented in the NationalConfrence on Nuclear Science and Technology in Iran, Bushehr, March 14-19 (1986).

6- J.Kamali, production of Nuclear Power Reactor Fuel (from yellow cake to UO_2) presented in Chemistry and Chemical Engineering Congress, University of Esfahan, 10-12 June 1986, Esfahan, Iran.

7- H. Khodaiani and J.Kamali, A Review on Different Methods of O/U ratio and surface area measurement in Uranium Dioxide, (1984).

8- J.Kamali, A Review in Prospects for Future Fuel Cycle of heavy water reactor, presented in National Conference on Nuclear Science and Technology in Iran, Bushehr, March 14-19, 1986.

9- M.Sharifi fard, A.Ahmadi, H.Khodaiani, J.Kamali, Comparison of Methods for Determination of Oxygen to Uranium Ratio in Uranium Dioxide by polarography, Titrimetry and Gravimetric, presented in the National Conference on Nuclear Science and Technology in Iran Bushehr, March 14-19, 1986.

10- J.Kamali, Preparation of Uranium Dioxide Powder from Yellow Cake, presented in AEOI Conference, Esfahan Spring 1982, Iran.

11- J.Kamali, the effects of preparation parameters on UO_2 properties, presented in Esfahan Nuclear Technology Center, 1982, Iran.

12- J.Kamali, The Effects of Radiation and Fission Fragments on the Uranium Dioxide, presented in Esfahan Nuclear Technology Center, 1983, Iran.

13- J.Kamali, Status of Production of Nuclear Fuel in the World, presented in Esfahan Nuclear Technology Center, 16 June 1986, Iran.

14- J.Kamali, (Project Manager), R.Maleky, A.Namayandekar, Heap Leaching of Uranium Ore (anomaly No.1, Bandar Abass area), in pilot plant scale, Nuclear Fuel and Exploration Dept AEO I. Report No. 1112, Aug. -1992.

15- J.Kamali, (Project Manager) and his co-worker, Conventional Acid Leaching of Uranium Ore (five anomalies, Bandar Abass area), Nuclear Fuel and Exploration Dept. AEO I, report No. 1113, AEO I Jan 1992.

16- J.Kamali, (Project Manager), F.Nadafi, A.Jabary, Column Leaching of Uranium Ore (three anomalies, Bandar Abass area), Nuclear and Exploration Dept. report - 1115, Aug., AEO I 1993.

17- J.Kamali, (Project Manager), A.Gharib, H.Movaseghy, Development of New Process Flow Sheet for Iranian Uranium Ore containing Sodium

Chloride, accepted for oral presentation in the Second International Conference on Hydrometallurgy, China, 23 to 26 Oct., 1992.

18- J.Kamali, (Project Manager), G.R.Farzad, G.R.Kugkestani, Bench Scale Preparation of Ammonium Uranyl, Tricarbonate (AUC) from Uranyl Nitrate, Nuclear Research Center, AEOI, report No. 98, Dec., 1992.

19- J.Kamali, (Project Manager), F.Nadafi, A.Jabary, Column Leaching of Uranium Ore by Sulphuric Acid in mini pilot scale, first International Congress of Chemistry and Chemical Engineering, Shahid Beheshti University, Tehran, Iran, 1-3 Sept., 1993.

20- J.Kamali, (Project Manager), S.Sarhangi, M.Mohet, E.Shahedi, B.Hadadi, preparation of Uranium Hexafluoride (UF6) in mini pilot plant scale, Nuclear Research Center, Atomic Energy Organization of Iran, Nov., 1993.

Teaching Activities

1- Teaching Nuclear Fuel Cycle and Chemistry in Nuclear Technology Courses in Atomic Energy Organization of Iran, Courses arranged by IAEA in Nuclear Engineering, MSC level, (Contract IRA/011-16) Oct-Nov., 1992, (in English).

2- Teaching Nuclear Fuel Cycle and Chemistry in Nuclear Technology Courses in Atomic Energy Organization of Iran, Courses arranged by IAEA in nuclear Engineering, MSC level, (Contract IRA/011-16) Oct-Nov., 1993, (in English).

3- Teaching Nuclear Fuel Cycle Course for two Semesters in Amir Kabir University, in MSC level, 1993-1994.

4- Teaching a Course in Nuclear Fuel Cycle in Esfahan Nuclear Technology Center, summer 1986 (30 hrs).

MSC & PhD Thesis

1- Supervisor of PhD Theses “Design of distillation tray columns and packed columns for Heavy Water production, 1996.
2- Supervisor of two MSC Theses “Design of a Fluidized bed reactor and related systems, Bench scale preparation of UO_3 from Uranyl Nitrate”. Nuclear Research Center, Tehran, Iran, 1994.

لیست کتب

۱- تلاش سازندگان عصر اتم، چاپ سازمان انرژی اتمی ایران،سال۱۳۷۴
ترجمه:دکتر احمد قریب ،دکتر جمشید کمالی

۲- آزمونهای عملکردی سوخت،مواد هسته ای و مواد ساختمانی راکتورهای اتمی پس از تابش دهی در راکتور،آماده برای چاپ،شهریور ۱۳۹۲،تالیف :دکتر جمشید کمالی

Activities from 2002 to Jan.2013

1-From 2002-2009

In 2002 because of personal reasons I apply for early retirement from Atomic Energy Organization of Iran.

In 2002 I establish my own consulting Engineers Company, with main activities in oil, gas and petrochemical fields. From 2002 to 2009 we have prepared more than 33 Economical & Financial Feasibility study in the field of petrochemical down stream materials and GTL (Gas to Liquid) projects. Resume for above mentioned period is in the following pages.

2-From2009-2011

EN company, company deputy, responsible for 5 daughter companies, active in engineering design &production with more than 4000 staffs.

3-From 2011 to Jan. 2013

Alborz Tissue Science Co, senior consultant. Activities:

Know how transfer, clean rooms design and R&D.

Reports prepared:

I-Economical and financial feasibility study for production of bio implant allografs, Nov.2012.

II-Data bank for foreign and Iranian companies , Active in R&D and production of allografts &tissue engineering, two volumes, 750 pages, Jan.2013.

FEASIBILITY STUDY PROJECTS CARRIED OUT 2002-2009

Project manager : Dr. J.Kamali

1. Technical and financial prefeasibility study of C_5 Aliphatic Petroleum Resin with 10,000 T/Y Capacity.
Ordered by: Private investor
Data: Dec, 2001

2. Technical and financial feasibility study of Methyl Chloride with 11250 T/y Capacity.
Ordered by: Petrochemical Downstream Department, National Petrochemical Company
Date: July, 2003

3. Technical and financial feasibility study of Hexamethylenediamine with 45,000 T/y Capacity.
Ordered by : Petrochemical Downstream Department, National Petrochemical Company.
Date: July, 2003

4. Technical and financial information of 200 Petrochemical Downstream Products and Downstream Petrochemical Products Flow Chart.
Ordered by : Petrochemical Downstream Industries Development Co.
Date: Oct. 2003

5. Technical and financial prefeasibility study of Silicones (Elastomer and Fluid Silicones) with 5600 T/Y Capacity.
Ordered by : Petrochemical Downstream Industries Development Co.
Date: June, 2003

6. Technical and financial prefeasibility study of REY and other modified Y-Type Zeolite Catalysts with 5000 T/y capacity.

Ordered by : Petrochemical Downstream Industries Development Co.

Date: June, 2003

7. Technical and financial prefeasibility study of Metallocene Catalysts with 5000 Kg/y capacity.

Ordered by : Petrochemical Downstream Industries Development Co.

Date: June, 2003

8. Comprehensive report of Carbon Fiber Composites including technical and financial prefeasibility study.

Ordered by : Petrochemical Downstream Industries Development Co.

Date: July, 2003

9. Technical and financial feasibility study of C_5 Petroleum Resin with 18000T/Y capacity.

Order by: Petrochemical Downstream Industries Development Co.

Date: Jan, 2004

10. Technical and financial feasibility study of Vinyl Acetate Monomer (VAM) with 60000 and 140000 T/Y capacities.

Order by: Petrochemical Downstream Industries Development Co.

Date: Feb, 2004

11. Technical and financial feasibility study of Polyvinyl Alcohol with 21000 T/Y capacities.

Order by: Petrochemical Downstream Industries Development Co.

Date: March, 2004

12. Technical and financial feasibility study of Styrene Butadiene Rubber (SBR) with 50000T/Y capacities.
Order by: Petrochemical Downstream Industries Development Co.
Date: March, 2004

13- Technical and financial feasibility study of REY and other modified Y- Type Zeolite Catalyst with 5000 T/Y capacities.
Order by: Petrochemical Downstream Industries Development Co.
Date: Aug, 2004

14. Technical and financial feasibility study of Oxoalcohols.
Order by: Petrochemical Downstream Industries Development Co.
Date: Jan, 2004

15. Technical and financial feasibility study of Methanol production from natural gas with about 1,650,000 T/Y Capacity.
Order by: Petrochemical Downstream Industries Development Co.
Date: Jun., 2004

16. Technical and financial feasibility study of Propylene production from Methanol with about 500,000 T/Y Capacity.
Order by: Petrochemical Downstream Industries Development Co.
Date: Jun., 2004

17. Technical and financial feasibility study of Propylene from Natural Gas with 430,000 T/Y Capacity.
Order by: Petrochemical Downstream Industries Development Co.
Date: Aug., 2004

18. Technical and financial feasibility study of Polypropylene from Natural Gas with 430,000 T/Y Capacity.

Order by: Madaen Investment and Development Co.
Date: Sep., 2005

19. Technical and financial feasibility study of Gas to Liquid (GTL) with 10,000, 35,000 and 50,000 bpd capacities.
Order by: Lyan Business Development Co.
Date: Dec., 2005

20. Technical and financial feasibility study of Gas to Polyolefin's (PP, PE) with Capacities:
Polypropylene: ~ 320,000 TPA & Polyethylene: ~290,000 TPA
Order by: Lyan Business Development Co.
Date: Feb., 2006

21. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.
Order by: Biran Aria Group
Date: April. 2006

22. Technical and financial feasibility study of Methanol production from natural gas with about 1,650,000 T/Y Capacity.
Order by: Biran Aria Group
Date: May, 2006

23. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.
Order by: Lyan Business Development Co.
Date: Aug. 2006

24. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.

Order by: Shahrud Clean Gasoline Refinery CO.
Dat0e: Dec. 2006

25. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.

Order by: Parsian Green Fuel Refinery Co.
Dat0e: Jan.2007

26. Technical and financial feasibility study of Methanol production from natural gas with about 1,650,000 T/Y Capacity.

Order by: Parzan International Co.

Plant Location: Eghlid, Fars Province

Date: June, 2007

27. Technical and financial feasibility study of Methanol production from natural gas with about 1,650,000 T/Y CCCCCapacity.

Order by: Parzan International Co.

Plant Location: Dayyer region, Busheher Province

Date: June, 2007

28. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.

Order by: Biran Aria Group

Date: May. 2007 (Rev. 2)

29. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.

Order by: Parsian Green Fuel Refinery Co.
Date: Oct.2007 (rev.2)

30. Technical and financial feasibility study of gas to liquid (GTL) with 1100 bpd gasoline capacity.

Order by: Sanate Jamee Ekbatan Co.
Date: March.2008 (rev.1, 2)

31. Ethylene cluster study in Iran.

Order by: NPC Petrochemical Downstream Department
Date: August 2008

32. Production possibility of 21 Ethylene down stream materials (In Ethylene Cluster) in Iran.

Order by: NPC Petrochemical Downstream Department
Date: August 2008

33- Technical and financial feasibility study of Ethanol Production from Ethylene with 272000 t/y.

Order by: NPC Petrochemical Downstream Department

Date: April ,2009