

**Name** : **Mr. Tikumporn Benjaporn**  
**Date of birth** : 20 Mar, 1967  
**Place of birth** : Songkhla  
**Nationality** : Thai  
**Religion** : Buddhism  
**Sex** : Male  
**Marriage Status** : Married & Two Children's  
**Present health** : Excellent  
**Address (Born)** : 24 Soi 6, Taiburi Road, Muang, Songkhla  
90000 Thailand  
**(Permanent)** : 99/147 Classic Home, Moo 7, Surasak, Sriracha, Chonburi 20110 Thailand  
: 227/149, 5<sup>th</sup> Fl., Country Complex Tower C, San Phawut Rd., Bangna,  
Bangkok 10260  
**Mobile phone** : + 66 (0)9 3419 4562  
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### **Professional Summary**

*An experienced in design having worked on many large scale international projects, both in Proposal, FEED and EPC construction design around 30 years. Specialised in Proposal, FEED and EPC onshore and offshore platform construction design, all aspects of electrical & instrumentation in an Oil Refinery, Gas Processing, LNG Plant, Petrochemical Plant, Power Plant, Manufacturing Environment Plant and Concept module including construction equipment module, Process Module and Pipe rack module.*

*Competent and experienced designer specialised in use of IT tools i.e. 3D Modelling of Plant Design System Environment (PDS), and 3D Modelling of Plant Design Management System (PDMS), Microstation, Auto CAD, Microsoft Office any Window Operation System.*

*Fully conversant in the preparation of electrical & instrument system drawings. For preliminary design, utility systems, installation details. Design of all construction drawings for all aspects of electrical diagram and layouts from low to high voltage systems. Production of hazardous area classification, instrument loop diagram and hook-up, As-built drawings and material take off. Preparation of Cable schedules using MS Access. And control of manpower, Supervisor in Construction, Project Management, Fully responsible for production of extensive schedules & diagrams, Bulk Materials & Material Requisitions, Maintenance of database and use of Database in order to produce various schedules & reports. Set up standard drawing in CAD files etc., project document control.*

**Qualifications** : **Master Degree of MBA in Industrial Management**

**Member**

- 1995 - Present : Technology Promotion Association (Thailand-Japan)  
5-7 Sukhumvit Rd., Soi 9 Klongtoey Nua Wattana Klongtoey Bangkok 10110  
Thailand
- Sep. 2018 – Apr. 2020 : Safety Committee Samsung Engineering (Thailand) Company Limited.
- Apr. 2012 – Jul. 2012 : Welfare Committee Members Uhde (Thailand) Limited.

**Introduction Training**

- Aug. 2018 : Occupational Safety, Health and Environment Committee Training Course by  
Pinthong Group Management and Consultants Co., Ltd.
- Sep. 2012 : AVEVA Electrical Training by AVEVA Solutions Limited.
- Oct. 2011 : Coade Product Update Seminar & Training by Neon Infotech S.E.A. Co. Ltd.
- Aug. 2011 : Safety/Security Rules by Thai oil Company Limited.  
: Safety/Security Rules by Sak Chaisidhi Company Limited (SAKC)
- Jun. 2011 : Safety/Security Rules by Evonik United Silica (Siam).
- Nov. 2010 : Safety/Security Rules by Uhde (Thailand) Limited.
- Sep. 2010 : Smart Plant Electrical Detailed Training by Neon Infotech S.E.A. Co. Ltd.
- Oct. 2008 : MS Office Word XP Intermediate by Black Swan Training Solutions
- Jul. 2008 : MS Office Excel XP Intermediate by Black Swan Training Solutions
- May. 2008 : MS Office Access XP Intermediate by Black Swan Training Solutions
- May. 2005 : Vantage Plant Design Review 6.2 by AVEVA Asia Pacific
- Jan. 1997 : Safety/Security Rules by ABB Contracting Limited.
- Oct. 1992 : Safety/Security Rules by ESSO Standard Thailand Public Company Limited.
- Aug. 1992 : Safety/Security Rules by Foster Wheeler International Corporation.

**Educational**

- Oct. 2015 – Nov. 2017 : **Ramkhamhaeng University**  
Master Degree of MBA in Industrial Management
- May. 1999 – Aug. 2001 : **Rajabhat Institute Rajanagarindra**  
Bachelor of Science of Industrial Technology Electricity
- May. 1994 - Mar. 1996 : **Thai Burapha Business Administration & Technology School**  
Higher Vocational Diploma Certificate of Electrical power technology
- May. 1982 - Apr. 1985 : **Hat-yai Technical College**  
Vocational Certificate of Electrical power technology
- May. 1979 - Mar. 1982 : **Samhankulvithaytran**  
High School Certificate of Industry
- May. 1973 - Mar. 1979 : **Wichianchom School**  
Primary school Certificate

**Work Experience**

Jul. 2014 – Mar. 2020 : **Samsung Engineering (Thailand) Company Limited**

Thailand Office, No.1, 37<sup>th</sup> Floor, Empire Tower, Sathorn Tai Road, Yanawa, Sathorn, Bangkok 10120 Thailand

[www.samsungengineering.com](http://www.samsungengineering.com)

**Position : Principal 3D/CAD Electrical Engineer**

Fully Responsibility in Lead and supervise a team of 3D/CAD Section Electrical, Control & Instrument designers. Develops and Improve, Evaluates plans, 3D PDS/PDMS, Microstation/AutoCAD and coordination with other discipline. And review a staff specialist who is recognized as a technical expert within the department or division of the company. Possesses a thorough knowledge of general principles and theories in a professional field, and contributes significantly to the solution of applied problems.

And responsible the execution of 3D/CAD engineering activities on the project within time schedule and budget. Develops and evaluates plans and criteria for a variety of projects and activities that are to be carried out by others.

**Position on project : Electrical Design Advisor Engineer**

Client : PTT Global Chemical (PTTGC) Company Limited

: Propylene Oxide (PO) Project, Map Ta Phut, Rayong, Thailand

**Position on project : Electrical Design Advisor Engineer**

Client : PTT LNG Company Limited

: PTT LNG IPG Project, Map Ta Phut, Rayong, Thailand

**Position on project : Electrical Design Advisor Engineer**

Client : PTT Public Company Limited

: PTT Wangnoi Compressor Station Project,  
Wangnoi Ayutthaya, Thailand

**Position on project : Lead Electrical & instrument 3DDesign Engineer**

Client : Pemex Refinacion Company Limited

: Salamanca Ultra Low Sulphur Diesel Production and Revamp of Diesel Hydrodesulphurization Project, Mexican Republic

Aug. 2012 – Apr 2014 : **Pöyry Energy Limited**

Bangkok Office, Room # 2202-2204, 22<sup>nd</sup> Floor, Vanit II Bldg., 1126/2 New Petchburi Road, Makkasan Rajchathewi, Bangkok, 10400 Thailand

[www.poyry.com](http://www.poyry.com)

**Position : Lead Electrical Designer**

Responsible for supervisor electrical designers to design and issue deliverables for Proposal, FEED and EPC of Power Plant construction design projects. Application software are 3D modeling of Plant Design Management System (PDMS) & Auto CAD for drawings and MS excel for cable & drum schedules and lead electrical project coordinator.

**Position on project : Lead Electrical Design**

- Client : Electricity Generating Authority of Thailand  
: North Bangkok Power Plant Block 2 Development Project, Bangkruai, Nonthaburi, Thailand
- Client : Aksa Göynük Enerji Üretim A.S.  
: Bolu-Göynük II Thermal Power Plant, Balance of Plant (BOP) of the Power Island for a new 2x135 MWe, Project, Turkey

Sep. 2010 – Jul. 2012 : **Uhde (Thailand) Limited**

Map Ta Phut Office, 450 Century Industrial Park, Sukhumvit Road, Hueypong, Muang Rayong, 21150 Thailand

[www.uhdethailand.com](http://www.uhdethailand.com)

**Position : Senior Electrical Designer**

Responsible for supervisor electrical designers to design and issue deliverables for Proposal, FEED and EPC onshore construction design projects. Application software are 3D modeling of Plant Design Management System (PDMS) & Auto CAD for drawings and MS access for cable & drum schedules.

**Position on project : Design Advisor**

- Client : Sak Chaisidhi Company Limited (SAKC)  
: Expansion Project, Map Ta Phut, Rayong, Thailand
- Client : Thai oil Company Limited  
: TOP New Flare I / II Project, (EPCm) Sriracha Chonburi Thailand
- Client : Midlands Refineries Company (MRC)  
: Daura Refinery Project, (FEED) Baghdad, Iraq
- Client : Huntsman Company Limited  
: Siam Project, Mahachai, Samut Sakhon, Thailand

**Position on project : Design Supervisor**

- Client : Evonik United Silica (Siam) Limited (EUSSL)  
: EUSSL Expansion Project, (FEED) Map Ta Phut, Rayong, Thailand
- Client : PTT Chemical Public Company Limited  
: HPPO Complex Project, Map Ta Phut, Rayong, Thailand

Oct. 2006 – Jun. 2010 : **Foster Wheeler Energy Limited**

Registered Office. Shinfield Park, Reading, Berkshire, RG2 9FW UK

[www.fwc.com](http://www.fwc.com)

**Position : Senior Electrical Designer**

Responsible for both FEED and EPC onshore construction design drawings using 3D modeling of Plant Design System Environment (PDS) all aspects of electrical layouts, overall cable routing, routing sections, cable schedules, drumming

with MS access, MTO's, single line diagrams, protection schematics and installation details. Production of hazardous area classification by Microstation, fully responsible of production of extensive schedules & diagrams and material take off

**Position on project : Senior Electrical Designer**

Client : Saudi Aramco (SA) / Aramco Overseas Company (AOC) and The DOW Chemical Company

: Ras Tanura Intergrated Refining and Petrochemicals Project  
Ras Tanura Saudi Arabia.

Client : Woodside BPL

: Pluto LNG Development Project Burrup Peninsula Western Australia

Client : ENOC Processing Company L.L.C. (EPCL)

: ESR-00214 Naphtha Hydrotreater Reformer Project  
Jebel Ali Free Zone Dubai United Arab Emirates (U.A.E.)

Feb. 2005 – Sep. 2006 : **Thai Nippon Steel Engineering & Construction Corp., Ltd.**

Bangpakong Yard, 14 Moo 14, Bangpakong, Chachuengsoa 24130 Thailand

[www.tns.th.com](http://www.tns.th.com)

**Position : Electrical Design Engineer**

Responsible for both FEED and EPC offshore platform construction design using 3D modeling of Plant Design Management System (PDMS) all aspects electrical layout, overall cable routing, routing sections and installation details, Production of hazardous area classification by Auto CAD and fully responsible of production of extensive all schedules & diagrams, materials take off, bulk material and material requisitions.

**Position on project : Electrical Design Engineer**

Client : PTT Exploration & Production Public Company Limited

: Bongkot Field Development Project – Phase 3F Wellhead Platform  
WP18 WP19 & WP 20 and Associated Sealines

: Bongkot Field Development Project – Phase 3E Wellhead Platform  
WP15 WP16 & WP 17 and Associated Sealines

Client : Hindustan Oil Exploration Company

: SP Gas Field Development Project – Sun Wellhead Platform

Oct. 1997 – Jan. 2005 : **Foster Wheeler International Corporation**

Thailand Operations, 217 Moo 12, Sukhapiban 8 Road, Tungsukhla, Sriracha, Chonburi 20230 Thailand

[www.fwc.com](http://www.fwc.com)

**Position : Senior Electrical Designer**

Responsible for EPC onshore construction design using 3D Plant Design System Environment (PDS) all aspects of electrical layouts, overall cable routing, routing

sections, cable schedules, drumming with MS access, MTO's, single line diagrams, protection schematics and installation details. Production of hazardous area classification by Microstation, fully responsible of production of extensive schedules & diagrams and materials take off, bulk material, material requisitions and Project electrical design supervised.

**Position on project : Electrical Designer Supervisor**

Client : Indorama Petrochem Limited  
: Indorama TPA Project Map Ta Phut Rayong Thailand  
Client : The New Zealand Refining Company Limited  
: Future Fuels Projects 3016 Marsden Point Whangarei New Zealand  
Client : Sasol Chemical Industries Limited  
: Acrylic Acid and Acrylates (IBL) Plants Sasolburg South Africa  
Client : Shell Philippines Exploration BV (SPEX)  
: Malampaya Onshore Gas Plant Project Tabangao Philippines  
Client : Bayer Premier Company Limited  
: Polycarbonate II Expansion Project Map Ta Phut Rayong Thailand  
: Polycarbonate Plant Project Map Ta Phut Rayong Thailand  
Client : Thai Petroleum Pipeline Company Limited  
: Thapline Map Ta Phut Feeder-line Project Map Ta Phut Rayong  
Sriracha Chonburi Thailand

**Position on project : Senior Electrical Designer**

Client : ESSO Standard Thailand Public Company Limited  
: Thailand Aromatics Project Sriracha Chonburi Thailand  
: Umbrella Project Sriracha Chonburi Thailand

Oct. 1996 - Sep. 1997 : **ABB Contracting Limited**

Ban Chang Branch Office, 136/11 Moo 3, Sukhumvit Road, Ban Chang Rayong 21130 Thailand

**Position : Electrical Designer / CAD Operator**

Responsible for EPC construction design drawing for all aspects of electrical & instrument system layout, setting up standard drawings, project document control, Design drawing electrical & instrument system, installation details by Auto CAD, production of extensive all schedules & diagram, material take off, maintenance of computer system.

**Position on project : Electrical Designer / CAD Operator**

Client : Thai oil Company Limited  
: Mixed xylenes Project Sriracha Chonburi Thailand  
Client : BHP Steel (Thailand) Company Limited  
: Thailand Flat Products Project Map Ta Phut Rayong Thailand

Client : Jotun Thailand Limited  
: JT Paint & Powder Factories Bangpakong Chachoengsao Thailand

Client : National Power Supply Limited  
: Tha Toom 2 x 164MW SPP Unit No.7-8 Tha Toom Prajinburi Thailand

Client : Electricity Generating Authority of Thailand  
: Mae Moh Power Projects Units 4-7 Flue Gas Desulfurization Retrofit Mae Moh Lumparn Thailand

Client : Formosa Petrochemical Company Limited  
: Two Trains ARDS/RCCU Third Train Includes Vacuum unit Delayed Coker Bitumen Unit & VGO HDS Mia Liao Taiwan

Jun. 1996 - Sep. 1996 : **Siemens Electrical Engineering Limited**

Pattaya Branch Office

**Position : Electrical Designer Engineer**

Responsible for construction design drawings for all aspects of electrical layout, setting up standard drawings, project document control, Design drawing electrical system, installation details by Auto CAD, production of extensive all schedules & diagram, material take off and maintenance of computer system.

**Position on project : Electrical Design Engineer**

Client : Bangkok Mass Transit System Public Company Limited  
: Central Station Bangkok Thailand

Aug. 1992 – May. 1996 : **Foster Wheeler International Corporation**

Thailand Operations, 217 Moo 12, Sukhapiban 8 Road, Tungsukhla, Sriracha, Chonburi 20230 Thailand

[www.fwc.com](http://www.fwc.com)

**Position : Senior Electrical Designer**

Responsible for both FEED and EPC construction design drawings for all aspects of electrical layout, overall cable routing, routing sections, cable schedules, drumming with MS access, MTO's, single line diagrams, protection schematics and installation details. Production of hazardous area classification by Microstation, fully responsible of production of extensive schedules & diagrams and materials take off, bulk material, material requisitions.

**Position on project : Senior Electrical Designer**

Client : ESSO Standard Thailand Public Company Limited  
: Sriracha Refinery Expansion Project Sriracha Chonburi Thailand  
: Umbrella Project Sriracha Chonburi Thailand



Client : Siam styrene Monomer Company Limited  
: Plant 202084 Project Map Ta Phut Rayong Thailand

**Position on project : Electrical Designer**

Client : Thai Petroleum Pipeline Company Limited  
: Umbrella Project Sriracha Lumlukka Saraburi Thailand

Client : Thai Polyethylene Company Limited  
: R1 Compound Project Map Ta Phut Rayong Thailand

Client : The Bangchak Petroleum Public Company Limited  
: Sulphur Plant Project Bangchak Bangkok Thailand

Client : Thai oil Company Limited  
: Mixed Xylenes Project Sriracha Chonburi Thailand  
: Hydrocraker Revamp and Naphtha Splitter project Sriracha Chonburi Thailand

Client : Petroleum Authority of Thailand (PTT)  
: Khon kaen Oil Depot Project Khon kaen Thailand  
: Marine Terminal Expansion Project Sriracha Chonburi Thailand

Client : Viny Thai Public Company Limited  
: Umbrella Project Map Ta Phut Rayong Thailand

Client : Star Petroleum Refining Company Limited  
: LPG. Vaporder Project Map-Ta-Phut Rayong Thailand

Jun. 1991 - Jul. 1992 : **Thai Nakano Company Limited**

Bangkok Branch Office, 2126 Kromadit Building 2<sup>nd</sup> Floor, New Petchburi Road, Huay-Kwang, Bangkok, Bangkok 10310 Thailand

**Position : Electrical & Mechanical Supervisor**

Responsible for construction installation & planning of utility system, checking for construction electrical & mechanical system, preparation of utility system drawings, planning & control manpower, co-ordination between head office / job site, subcontractor and owner.

**Position on project : Electrical & Mechanical Foreman**

Client : Thai Gypsum Company Limited  
: Gypsum Products Project Leam Chabang Chonburi Thailand

Client : TND Company Limited  
: Foods Factory Project Leam Chabang Chonburi Thailand



Jan. 1991 - May. 1991 : **Westinghouse Industry Service (Thailand) Company Limited**

Bangkok Branch Office

**Position : Electrical Foreman**

Responsible for construction installation & planning of utility systems, checking for construction electrical & mechanical system, preparation of utility system drawings, planning & control manpower, co-ordination between head office / job site, subcontractor and owner.

**Position on project : Electrical Foreman**

Client : Modern Tower Company Limited

: Modern Tower Building Project Bangkok Thailand

Jan. 1987 - Dec. 1990 : **SAT (Thailand) Company Limited**

Bangkok Office, 2<sup>nd</sup> Floor, 8 Amara 3, Sukhumvit 49 (Soi Klang Racquet Club), Bangkok 10110 Thailand

**Position : Chief Draftsman**

Responsible for both FEED and EPC construction design & drafting for all aspects utility systems, checking for construction electrical & mechanical system, preparation of utility system drawings, planning & control of manpower, co-ordination between head office / job site, main constructor, subcontractor, architectural, structural, consultant and owner.

Client : Sony (Thailand) Company Limited

: Sony Tap Factory Project Bangpakong Chachoengsao Thailand

Client : AP National Company Limited

: AP National Factory Project Bangpakong Chachoengsao Thailand

Client : Mita (Thailand) Company Limited

: Show Room Mita (Thailand) Project Wongswang Bangkok Thailand

Client : Central Group

: Central Department Store Project Wongswang Bangkok Thailand

Client : Bisco Company Limited

: Warehouse Bisco Import Export Project Bangpoo Samuthprakarn Thailand

Client : Nos Toa Company Limited

: Steel Factory Project Latkabang Bangkok Thailand

Client : World electric Company Limited

: Electric Factory Project Nakhon Ratchasima Thailand

: Dormitory Project Nakhon Ratchasima Thailand

Client : Kekill Senki Company Limited

: Kekill Senki Factory Project Lamphum Thailand

Client : Sunrote Company Limited

: Sunrote Factory Project Ayutthaya Thailand

*Client : Rangsit University*  
*: Engineering Building Project Rangsit Patumthani Thailand*

*Jul. 1985 -Dec. 1986 : **Chokecharoen Engineering Company Limited***

*Songkhla Office*

**Position : Electrical Technician**

*Responsible for installation of electrical systems, planning & control of manpower, material tank off, co-ordination between head office / job-site main constructor, subcontractor, architectural, structural and consultant.*

*Client : Public prosecutor*  
*: Resthouse of Public Prosecutor Songkhla Thailand*

*Client : Factory manager*  
*: Resthouse of Factory Manager Songkhla Thailand*

*Client : Professor*  
*: Resthouse of Professor Songkhla Thailand*

*Client : Cholsati School*  
*: School Building Songkhla Thailand*

*Client : Tharnatip Limited.*  
*: Tharnatip Apartment Songkhla Thailand*

*Client : Electricity Generating Authority of Thailand*  
*: Dormitory Project Yala Thailand*

**Reference**

**: Mr. Russell Freeman**

*Electrical Manager*

**Foster Wheeler Energy Limited, a company of Wood**

*Registered Office; Shinfield Park Reading Berkshire RG4 5BX UK*

*Tel.; +44 (0) 118 913 1234*

[www.fwc.com](http://www.fwc.com)

**: Mr. Tanin Namwong**

*Chief Operation Development*

**Foster Wheeler (Thailand) Limited, a company of Wood**

*53 Talaythong Tower, Moo 9, Sukhumvit Rd., Tungsukhla, Sriracha, Chonburi 20230 Thailand*

*Tel.; +66 (0) 38 344 300*

[www.fwc.com](http://www.fwc.com)

**: Mr. Putti Srisuk**

*Team Manager (Electrical)*

**: Mr. Pravit Tiansitpisal**

*Principal Electrical Engineer*

**Samsung Engineering Thailand Company Limited**

*No.1, 37<sup>th</sup> Fl., Empire Tower, Sathorn Tai Rd., Yanawa, Sathorn, Bangkok 10120 Thailand*

[www.samsungengineering.com](http://www.samsungengineering.com)