

PERSONAL INFORMATION

Name Surname

FATİH BAZMAN

Address

ANKARA / TURKEY

Gender

MALE

E-mail

[fatihbazman at gmail dot com](mailto:fatihbazman@gmail.com)

Website

<http://fatih.bazman.net>

Nationality

Turkish Republic

Date of year

1974

WORK EXPERIENCES

- Dates (from – to)
- Name and address of employer
- Website address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

07/2002 – up to now

GAMA Industrial Plants Manufacturing and Erection Corp. – Ankara / Turkey

<http://www.gama.com.tr/>

Engineering and Manufacturing

Mechanical Design Chief

Especially designing:

- Oil storage tanks as per API 650
- Water storage tanks as per AWWA D100
- Heat exchangers as per TEMA and ASME Sec. VIII Div. 1
- Pressure vessels and stacks as per ASME Sec. VIII Div 1, AD Merkblatt 2000, EN-13445 and Pressure Equipment Directive 97/23/EC.
- Silo and bunker as per DIN 1055 Part 6
- Pig receiver and launcher for LNG pipe lines as per ASME B31.8
- Steam drum as per ASME Sec. I
- Power piping as per ASME B31.1
- Lifting equipment
- Transportation equipment driven by mechanic or pneumatic tools.

Planning and designing of heat exchangers, pressure drums, towers, reactors for refineries carried out by means of CODEWARE Compress. Designing 3D and solid modeling machines (AUTOCAD 200x), steel structures finite element modeling (SAP 2000), 3D modeling and shop drawings generated by means of XSTEEL 9.x ~12.x, TEKLA 13+.

A finite element analysis of a pressure vessel according to ASME Section VII Division I was carried out using by NASTRAN. In this study, there were researched effects of buckling, pressure, temperature and seismic load cases on a thin walled cylindrical column with 42 m. height. This study was published as a paper and presented on 3rd Machine Design and Manufacturing Technologies Congress organized by the Chamber of Mechanical Engineers in Konya on September 17, 2005.

An analysis for stiffening of thin cylindrical silo shell against buckling loads was carried out and this study was published as a paper and presented on 12th International Conference on Machine Design and Production organized by METU in Kuşadası on 06 September 2006. In this study, buckling analysis of a silo which is also supporting another structure is analyzed with eigenvalue solution by using finite element method and an analytical method.

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Participating in project management and design activities for different kinds of international projects:

- Storage tanks for AI-KHALIJ PP Project with BECHTEL/USA
- Steel Structures and ducts for QATAR GTL Projects with LINDE/Germany.
- New Kiln Line Piping Design for RABIGH Cement plant (Qatar) with OEMAG/Austria
- Clinker Storage Silos for YAMAMA Cement Plants (Saudi Arabia) with POLYSIUS/Germany
- Steel structure detailing for TÜPRAŞ (Turkey) with TECHNIP/France
- Oil and water storage tanks for RAS GAS (Qatar) with CTJV / France.
- Pressure vessels (drums and columns) design for TÜPRAŞ (Turkey) with LITWIN / France
- Fired heaters detailing for RAS LAFFAN (Qatar) with TECHNIP-KTI/Italia
- Pressure vessel and storage tanks designing for TÜPRAŞ (Turkey) with MITSUI/Japan.
- Stacks and pressure vessels for CALLIDUS/USA etc.

ASME certification audits were attended on 2003, 2006 & 2009 and various stamp (U, PP, S) renewal for ASME design and fabrication certification. A Document Management System (DMS) software package was coded in PHP and MySQL. DMS is a computer system used to track and store electronic documents and/or images of paper documents. Also by using this software, it is easy to compile reports for all documents in PDF format simultaneously.

04/1997 – 07/2002

ÇİMTEK Cement Technologies Corp. Ankara - Turkey

http://www.cimtek.com.tr/index_eng.html

Engineering and Manufacturing

Mechanical Design Engineer

Planning and designing industrial factory especially in cement industries. Designing 3D and solid modeling machines, steel structures and ducts in AUTOCAD. These solid models were animated via AutoCAD 2000 and VRML format in internet browsers.

Especially designing dust ducting, fuel oil pipelines, fuel oil tanks, pressured air pipelines, hot gas generators and developing new mechanical equipment such as two way chutes, air slides, all kinds of valves, transportation equipment driven by mechanic or pneumatic tools.

Participating in project management and design activities for different kinds of national and international projects:

- 3rd and 4th cement mills capacity increase engineering Oyak Adana Cement Plant / Turkey with KHD/Germany
- Hot gas generator, Oyak Gama Elazığ Cement Plant / Turkey
- New kiln line, Vicat Konya / Turkey with Polysius etc.

Coded a software package in LISP, named CONST. CONST is an add-in to AutoCAD for creating and developing mechanical parts and other data. With CONST, it is easy to create structural sections and develop pieces, bill of materials, electrical motors, bearings, couplings and several shapes.

Also, a search engine program was developed by PHP and MySQL, for the archive data of ÇİMTEK which includes more than 11500 records.

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11/1994 – 01/1997

KAPTANOĞLU SHIPPING Corp. Istanbul - Turkey

Maritime

Superintendent and specialist about overhaul of marine engines and steel structure renewal

Participating in operation management of the company's vessels. Dealt with important engine parts. Coded ship stability software in C and Visual Basic Languages.

EDUCATION AND TRAINING

- Dates August 2008
- Name and type of organization providing education and training INTERGRAPH, SmartPlant 3D training course at GAMA Design Department, Ankara - Turkey.

- Dates September 2006
- Name and type of organization providing education and training 12th International Conference on Machine Design and Production organized by METU in Kusadasi - Turkey

- Dates September 2005
- Name and type of organization providing education and training 3rd Machine Design and Manufacturing Technologies Congress organized by the Chamber of Mechanical Engineers in Konya - Turkey.

- Dates February 2005
- Name and type of organization providing education and training Internal Auditor Course for Quality Management System of ISO 9001, ISO 14001 and OHSAS 18001 by Det Norske Veritas, Ankara - Turkey.
- Title of qualification awarded Internal Auditor Certificate.

- Dates June 2003
- Name and type of organization providing education and training Xsteel training course at GAMA Design Department, Ankara - Turkey.

- Dates November 2003
- Name and type of organization providing education and training ASME Section VII Div. 1, Updates and New Regulations training course by RW-TUV, Istanbul - Turkey.

- Dates 1996 – 1997 & 1992 – 1993
- Name and type of organization providing education and training English preparatory course in Marmara University - Turkey.

- Dates (from – to) 1994 – 1997
- Name and type of organization providing education and training Master of Science of Naval Architecture and Marine Engineering at İSTANBUL TECHNICAL UNIVERSITY (I.T.U) - Turkey.
- Title of qualification awarded Left at preparation of master thesis stage.

- Dates (from – to) 1990 - 1994
- Name and type of organization providing education and training Naval Architecture and Marine Engineering at İSTANBUL TECHNICAL UNIVERSITY (I.T.U) - Turkey.
- Title of qualification awarded Naval Architect and Marine Engineer, BSc.

- Dates (from – to) 1987 - 1990
- Name and type of organization providing education and training Mustafa Kemal High School in Ankara - Turkey

TECHNICAL PUBLICATIONS

- Name of publication "Stiffening of thin cylindrical silo shell against buckling loads".
- Presented date September 2006
- Name of presented conference 12th International Conference on Machine Design and Production organized by METU in Kuşadası – Turkey
- Website address of this paper <http://fatih.bazman.net/download/37-UMTIK06-024.pdf> (available in PDF format)
- Name of publication "Enforcement of Thin Walled Cylindrical Columns against increased Seismic Loads by Finite Element Analysis"
- Presented date September 2005
- Name of presented conference 3rd Machine Design and Manufacturing Technologies Congress organized by the Chamber of Mechanical Engineers in Konya - Turkey.
- Website address of this paper <http://fatih.bazman.net/download/MATIT-2005.pdf> (available in PDF format)

PERSONAL SKILLS AND COMPETENCES

NATIVE LANGUAGE **TURKISH**

OTHER LANGUAGES

- Reading skills **GOOD**
- Writing skills **GOOD**
- Verbal skills **GOOD**

ORGANIZATIONAL SKILLS AND COMPETENCES

Members of The Chamber of Naval Architects and Marine Engineers and Nature Travelers Association.

TECHNICAL SKILLS AND COMPETENCES

Programming in AUTOLISP, PHP, CodeIgniter.
Using Win XP, SQL, MySQL, SAP 2000.x, AutoCAD 200x, CODEWARE COMPRESS, XSTEEL 9.x-10.x, TEKLA 11-13.x and Microsoft Office Programs.
Hardware Knowledge at intermediate level.

ARTISTIC SKILLS AND COMPETENCES

Hiking, mountaineering, ship modelling, photographing.

MARITAL STATUS
MILITARY OBLIGATION

Single
Completed

DRIVING LICENCE(S)

B Class.