

Z.BURCU MERCAN

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Gurselpasa Mah. 75598 Sok. No:2 Sercan Park 3 Sitesi B Blok 16/31 01200 Seyhan/Adana/TURKEY

PERSONAL INFORMATIONS

Name surname : Z.Burcu MERCAN
Address : Gurselpasa Mah. 75598 Sok. No:2 Sercan Park 3 Sitesi B Blok 16/31
01200 Seyhan/Adana/TURKEY
Email : zburcumercan@gmail.com
Nationality : T.C.
Date of birth : 10.10.1985
Marital status : Married
Driving licence : B class

EDUCATION

Cukurova University – **Mining Engineering (MSc)** 2010 – 2013
• *Master thesis on ‘Acceptability Level (ALARP) Assessment Methodology in Seveso II Directives’*

Istanbul University – **Electrical Electronics Engineering (BSc)** 2003 – 2007
• *Student assistantship*
• *Delegate for Electrical Electronics Engineering Department*
• *Real time speaker identification project with DSP*
• *Real time voice recognition project with DSP*

Izmir Ataturk High School 1991 – 2003

EXPERIENCES

Labour Inspector 05.2014 – Still
Ministry of Labour and Social Security / Labour Inspection Board
• *Safety audits in workplaces*
• *Process safety audits in workplaces*
• *Investigations about work accidents*

Deputy Labour Inspector 08.2010 – 05.2014
Ministry of Labour and Social Security / Labour Inspection Board
• *Safety audits in workplaces*
• *Process safety audits in workplaces*
• *Investigations about work accidents*

Electrical Electronics Engineer 09.2008 – 08.2010
US Air Force / Emta Cons. Co.
• *Harmonization US systems to TR regulations*
• *Working with maintenance and quality control departments*

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Electrical Electronics Engineer

08.2007 – 09.2008

Schneider Automation / Ozyavru Automation

- *Project design and application of automation system (PLC, scada etc.) in production plants (nourishment, mining, chemical etc. sectors)*

Intern

07.2006 – 08.2006

Philip Morris / SABANCI

- *Project manager of S5-S7 PLC upgrade for packaging machine*
- *Application project of chess clock with PIC 16F78*

CERTIFICATES

FS Eng (TUV Rheinland, #10293/ 15, Safety Instrumented Systems)

TUV Rheinland (TURKEY)

04.2015

Control of Major Industrial Accidents Involving Dangerous Substances Trainer

European Commission (TURKEY)

08.2014

Seveso II Directive and How Quantitative Risk Assessment should be done based on COMAH Regulations

Technical University of Denmark (DENMARK)

03.2014

Major Industrial Accident Investigation & Reporting and Inspection

INERIS Consulting Co. (FRANCE)

02.2014

Domino Effects & Preparing and Testing Internal and External Emergency Plans & Public Informations

AWN Consulting Co. (IRELAND)

01.2014

Classification of Chemicals and Implementation of CLP Regulations for Seveso II Directive

Steinbeis – Beratungszentrum AWT (SLOVENIA)

11.2013

Safety Management Systems (SMS) & Major Accidents Prevention Policy (MAPP) & Safety Information Systems

INERIS Consulting Co. (FRANCE)

10.2013

Individual and Societal Risk Assessment (Quantative Risk Assessment - QRA) & GIS and LUP & Public Information

INERIS Consulting Co. (FRANCE)

10.2013

Accident Scenarios & Risk Assessment & GIS Tools & LUP (Land Use Planning)

INERIS Consulting Co. (FRANCE)

04.2013

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Safety Reports

D'Appolonia Consulting Co. (ITALY) 05.2013

Risk Analysis and Risk Assessment Techniques

INERIS Consulting Co. (FRANCE) 04.2013

Quantative Risk Assessmnets (QRA) & Major Prevention Policy (MAPP)

DCMT Milieudienst Rijnmond (NETHERLAND) 11.2012

Elements of Safety Management System (SMS) & Safety Reports (SR) Assessment

DCMT Milieudienst Rijnmond (NETHERLAND) 06.2012

PUBLICATIONS

Dust explosion investigation in Turkey

CET – Chemical Engineering Transaction Vol 48, 2016

ISBN 978-88-95608-39-6; ISSN 2283-9216; DOI 10.303/CET 16448120 05.2016

Dust explosion investigation in Turkey

DECHEMA – 15th International Symposium on Loss Prevention and Safety Promotion in the Process Industries (Loss Prevention 2016) / GERMANY 05.2016

Bhopal Disaster

VIII. International Conference on Occupational Safety & Health / TURKEY 05.2016

Dust Explosion Investigation in Turkey

I. Middle East Process Safety Conference / UAE 05.2015

Explosive Atmospheres and Harmonisation of ATEX Directives

VIII. National Occupational Safety Congress / TURKEY 04.2015

Dust Explosions

VII. International Conference on Occupational Safety & Health / TURKEY 05.2014

Acceptability Level (ALARP) Assessment Methodology in Seveso II Directives

Cukurova University – Institute of Natural and Applied Sciences (MSc) / TURKEY 09.2013

VOLUNTEER WORKS

CCPS Beacon Translator for Turkish

10.2009 – Still

References Upon Request