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| CIRRICULUM VITAE |  |
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| **PERSONAL INFORMATION** |  |
| Name | Mustafa OZDEMIR |
| Address | 2040 / 2 Sokak Selcuk 4 Giris 3 Daire 11 Mavisehir – Izmir / TURKEY |
| Telephone | Cell: +90 5364565560 |
| E-Mail  Web | [ozdemirmus@hotmail.com](mailto:ozdemirmus@hotmail.com)  https://www.mustafaozdemir.online/ |
| Nationality | Turkish |
| **EDUCATION** |  |
| Dates | **1970 – 1977** |
|  | **Hacettepe University, Ankara / TURKEY**  Master of Science (MS), Nuclear Electronics (1975 – 1977)  Bachelor of Science (BS), Engineering Physics (1970 – 1975) |
| **EXPERIENCE SUMMARY** | Over 34 years of experience in engineering design, testing, and installation of industrial control systems and instrumentation in the petrochemical industry (18 years in SABIC, and 16 years in TURKEY- Aliaga Petrochemical Complex). Overall expertise covers front and end design, detail engineering, inspection, systems testing, commissioning, construction site support and maintenance. |
| **WORK EXPERIENCE** |  |
| Dates | **2014 – 2016** |
| Name and address of employer | **SABIC – Engineering and Project Management Knowledge Management Center, Jubail / Saudi Arabia** |
| Type of business or sector | **Engineering service for SABIC projects** |
| Occupation or position held | **Instrumentation and Control System Functional Expert & Instructor** |
| Main activities and responsibilities | Design and lecture company-wide engineering training classes in the areas of instrumentation and control systems, including:   * Fundamentals of Flow Measurement and Working Principles of Flow Measuring Instruments * Custody Flow Metering Systems * Fundamentals of Level Measurement and Working Principles of Level Measuring Instruments * Fundamentals of Pressure Measurement and Working Principles of Pressure Measuring Instruments * Fundamentals of Temperature Measurement and Working Principles of Temperature Measuring Instruments * Basic Instrumentation and Control Systems * Process Control Principles * Control Valve Selection and Sizing Criteria * Safety Integrity Level (SIL) Determination and Verification Methods for Emergency Shut Down Systems * Hazardous Area Classifications as per NEC and IEC Standards * Explosion Protection Methods for Electrical Equipment Located in Hazardous Areas |
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| Dates | **2004 - 2014** |
| Name and address of employer | **SABIC – Engineering and Project Management, Jubail / Saudi Arabia** |
| Type of business or sector | **Engineering service for SABIC projects** |
| Occupation or position held | **Instrumentation and Control System Principal Engineer** |
| Main activities and responsibilities | * Participation in Ar-Razi Plant-V Methanol Project Team for basic & detail design engineering, and commissioning. *Period: August 2004 – July 2008* * 13 Months in Japan in EPC contractor company (Mitsubishi) office for basic and detail engeering of the project. * Participation in Sharq 3rd Expansion Project Utilities & Offsites PMT for engineering support. *Period: August 2008 – August 2009* * ITB preparation for basic and detail design engineering of instrumentation and control systems related sections for planned mega projects. * Review and update instrumentation and control systems sections of Sabic Engineering Standards as a member standard review commitee. *Period: August 2009 – April 2011* * Participation in Ibn Rushd-II U&O Project team for Basic Engineering, Detail Engineering and Construction. *Period: April 2011 – May 2014* * 9 months in Taipei in EPC contractor company (CTCI) office for basic and detail engineering of the project. |
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| Dates | **1998 – 2004** |
| Name and address of employer | **SABIC – Saudi Arabian Petrochemical Company (PETROKEMYA), Jubail / Saudi Arabia** |
| Type of business or sector | **Petrochemical** |
| Occupation or position held | **Advanced Instrument and Control System (ICS) Engineer**– VCM and PVC Plants |
| Main activities and responsibilities | * Participation in a project team for PVC DCS upgrading project. * Participation in a project team for PVC De-bottlenecking project. * Identification of ICS related problems / bottle necks and recommendations for solutions. * Review in-house modification requests and prepare job execution packages. * Technical review & comment for Facility Change Safety Review (FCSR). * Review & comment for Final Scope of Document for Control System related upgrade projects. * Review & comment for plant engineering project packages. * Engineering support & plant engineering coordination and follow-up for construction of ICS related projects. * Review as built marked-up drawing for implementation of CS related projects. * Review & comment for plant turnaround job list. * Prepare & issue turnaround critique and technical support during plant turnaround. * Technical support for ICS Technicians / Supervisors. * Technical review of purchase requisition and carry in warehouse. * Technical support to warehouse queries if the query is related to the obsolescence and/or revision of equipment that requires upgrade / modification & revision of specifications. |
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| Dates | **1982 –1998** |
| Name and address of employer | **PETKIM, Petrochemical Industry Aliaga Complex, Aliaga, Izmir / TURKEY** |
| Type of business or sector | **Petrochemical** |
| Occupation or position held | **Instrumentation and Control Systems (ICS) Principal** **Engineer** - Air Separation, VCM, ACN, CA, EO/EG, and PVC Plants |
| Main activities and responsibilities | * Pre-commissioning & commissioning and start-up of Air Separation and VCM plants. * Maintenance and troubleshooting on a wide variety of process control instrumentation. * Selection of field and control panel instruments. * Selection and calculation of control valve sizing. * Preparation of requisition sheet and specification of field instruments and control valves. * Engineering and design all types of instrument and control loops both in pneumatic and electronic. * Preparation of PLC specification, bill of materials, detailed drawing and data configuration and electrical elementary ladder logic diagram for replacement of existing Philips PLC System with Allen Bradley PLC 5/25 system in VCM plant. * Revision and modification on existing setup for replacement of conventional control panel instruments with microprocessor based Hartman & Brown electronic controllers and indicators in VCM plant. * Participating as a ICS member for upgrading project for PVC plant conventional controllers to Honeywell TDC 3000 system. * Replacement of Foxboro SPEC 200 conventional controllers with micro 760 series microprocessor based controllers in ACN plant. * Participation in a project team as a CS member for revamping project for providing a new oxychlorination reactor in VCM plant. * Participation in a project team for replacement of Hg Cells with new technology membrane type cells in CA plant. |

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| Dates | **1977 – 1982** |
| Name and address of player | MKE Machinery and Chemical Industry, Ankara / TURKEY - Project Engineer *Period: 1980-1982* |
| Name and address of player | TDCI, Iron and Steel Industry, Ankara / TURKEY - Project Engineer for 4th Iron and Steel Complex  *Period: 1977-1980* |