

# Curriculum Vitae

## M. Burkay SARI



<b>Personal Information</b>	<b>Profession</b>	Mechanical Engineer, MSc., Int. Welding Engineer IWE	<b>Military Service</b>	: Accomplished (287. KD @2003)
	<b>Birth Place, Date</b>	Ankara, 1975	<b>Nationality</b>	: Turkish
			<b>Driving License</b>	: B Class (1993) A2 Class(2014) G Class Excavator (2016)

<b>Contact Information</b>	<b>GSM</b> : 0 532 417 16 68	<b>e-mail:</b> burkaysari@gmail.com
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<b>Experience Highlights</b>	<ul style="list-style-type: none"><li>- Wheeled and Crawler vehicle design,</li><li>- Interior &amp; Exterior Operator Cab design,</li><li>- Air Conditioning system design and application,</li><li>- Construction Machinery attachment and bodyworks design,</li><li>- Hydraulic and Pneumatic system design,</li><li>- Analytical Structural Analysis &amp; Calculations,</li><li>- Structural Analysis with FEM (ANSYS),</li><li>- Construction Machinery design - Semi-Trailer Dump truck and Semi-Trailer Truck Mixer, Truck Mounted Truck Mixer,</li><li>- Vehicle Homologation and Type Approval,</li><li>- Product Documentation – User s &amp; Spare Part Manual Documentation and Documentation Management</li><li>- Vehicle and Industrial Gear Box and Vehicle axle systems design and analysis,</li><li>- Project Document and Quality System Documentation and Implementation, ISO 14001, ISO 18001, EN 15085-2, ISO 3834-2</li><li>- Mechanical Supervision of Industrial Plants,</li><li>- Industrial Plant Equipment design -Screw Conveyor, Rotary Valve, Dust collection systems etc.</li><li>- Industrial Plant Pneumatic System design,</li><li>- Cost Analysis</li><li>- Project Management,</li><li>- Blue Collar Management,</li><li>- University Engineering Course Instruction @ Çankaya University Mechanical Engineering Department</li></ul>
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<b>Experience</b>	<b>ÇANKAYA UNIVERSITY (03.2020-.....)</b> <b>Full-Time Course Instructor</b> ME 423_ Introduction to Fluid Power Systems, (since 2015 Fall Semester) ME 424_ Introduction to Construction Machinery (since 2016 Spring Semester) ME 113 & ME 114 Computer Aided Engineering Drawing (Since 2017 Fall Semester)	<b>ANKARA</b>
	<b>ÇANKAYA UNIVERSITY (09.2015-03.2020)</b> <b>Part-Time Course Instructor</b>	<b>ANKARA</b>
	<b>SEDA MAKİNA &amp; SDA ENDÜSTRİ (11.2013-12.2015)</b> <b>Project Engineer &amp; Welding Coordinator (ISO 9001, 14001 &amp; OHSAS 18001)</b> Construction Machinery design, calculation and cost analysis, Quality Systems Management ISO 9001, ISO 14001, OHSAS 18001, Welding Coordinator, EN 15085-2 & ISO 3834-2 documentation,	<b>ANKARA</b>
	<b>PANMAK ENDUSTRIYEL URUNLER LTD. &amp; BSS BORAY</b> <b>Vice General Manager &amp; Production Manager (BSS Boray) (05.2012-12.2012)</b> Production Management and production planning of Türk Telekom FIBERKENT project indoor and outdoor fiber optic distribution cabins. Staff Management 120 blue collar,	<b>ANKARA</b>

<b>Experience Cont'</b>	<b>ERSEL AĞIR MAKİNA A.Ş. (12.2009-02.2012)</b> <b>Project &amp; Sales Engineer</b> Eti Maden Bigadiç & Emet Colemanite Grinding Plants Mounting Supervisor, Quotation preparation, Cost analysis of projects and machines, Quality and design check of outsourcing equipment's, Calculation of the equipment design parameters, Preparation of the equipment user instruction and maintenance manuals,	<b>ISTANBUL</b>
	<b>Pi Makina Otomotiv Ltd. Şti. (05.2008-12.2009)</b> <b>R&amp;D Engineer &amp; Production Engineer</b> Gearbox design, analysis and preparation of the process manufacturing technical drawings, Bevel gear design, analysis and preparation of the process manufacturing technical drawings, Design of clamping, machining and mounting fixture design and preparation of the fixture drawings, Preparation of the manufacturing drawings of the prototype off-road truck projects (Pikam 4, Pikam 5 and Pikam 26). FNSS Mobile Bridge Project gearbox manufacturing and process drawings	<b>ANKARA</b>
	<b>Coca-Cola İçecek A.Ş.td. Şti. (12.2007-05.2008)</b> <b>Production Engineer</b> Management of the production line (Pet line 4) & PET Bottle Production Factory, Application of the TPM projects and maintenance of the production lines,	<b>ANKARA</b>
	<b>Hidromek Mekanik Makina İmalat Sanayi ve Ticaret Ltd. Şti. (09.2003-12.2007)</b> <b>Project Engineer</b> Cabin and Air Condition projects design and preparation of the part and assembly drawings, Part and Assembly technical drawing preparation, publishing and revision works, Component application engineering works	<b>ANKARA</b>
	<b>Gazi University Makina Mechanical Engineering Department (1999-2002)</b> <b>Research Assistant</b> Material Tests Laboratory works (Tensile, Compression, Torsion, Strain Gage applications), Statics, Material of Strength, Dynamics Teaching Assistant, Student projects co-advisor,	<b>ANKARA</b>
<b>Education</b>	<input type="checkbox"/> <b>GSI-SLV_TR</b> <b>International Welding Engineer (08.2014)</b>	<b>ANKARA</b>
	<input type="checkbox"/> <b>Gazi University Engineering and Architecture Faculty</b> <b>Master of Science, Mechanical Engineering (1998-2002)</b>	<b>ANKARA</b>
	<input type="checkbox"/> <b>Gazi University Engineering and Architecture Faculty</b> <b>Bachelor of Science, Mechanical Engineering (1993-1998)</b>	<b>ANKARA</b>
	<input type="checkbox"/> <b>Yükseliş College, High School (1986-1993)</b>	<b>ANKARA</b>
<b>Language</b>	<b>English (Yükseliş College, Good)</b> <b>German (Goethe Institute, A2.2, Beginner)</b>	
<b>Certificates</b>	<input type="checkbox"/> <b>EN ISO 9712, Non-Destructive Test, Radiography Test (2016), TSE NDT Center, Gebze Kocaeli</b> <input type="checkbox"/> <b>Vehicle LPG Conversion Engineering Certificate (2015), Chamber of Mechanical Engineers, Ankara</b> <input type="checkbox"/> <b>Law Court Expert, Vehicle Accidents (2015), Chamber of Mechanical Engineers, Ankara</b> <input type="checkbox"/> <b>Law Court Expert, Value Evaluation (2015), Chamber of Mechanical Engineers, Ankara</b> <input type="checkbox"/> <b>EN ISO 9712, Non-Destructive Test, Visual Test (2015), GSI-ITKE-TÜV, Ankara</b> <input type="checkbox"/> <b>Vehicle Homologation Engineer Certificate (2014), Chamber of Mechanical Engineers, İzmir</b> <input type="checkbox"/> <b>ISO 9001 Internal Auditor Certificate, Educon, (2014), SDA Endüstri, Ankara</b> <input type="checkbox"/> <b>Ansys, Fluent Training, (2012), Figes, Bursa</b> <input type="checkbox"/> <b>Geometric Tolerances and Dimensioning (2008), Pi Makina, Ankara</b> <input type="checkbox"/> <b>Linde HMR Series Hydraulic Motor Service Training (2004), Linde, Hidromek, Ankara</b> <input type="checkbox"/> <b>Earth Moving Machine, Axle Service Training, (2004) NAF, Hidromek, Ankara</b> <input type="checkbox"/> <b>Earth Moving Machine, Hydraulic Transmissions Training (2005) ZF, Hidromek</b> <input type="checkbox"/> <b>Earth Moving Machine Hydraulics Training (2003), Biltek, Ankara</b>	

<b>Computer Literacy</b>	<b>Engineering Applications, CAD Software</b>
	<p>AutoCAD, (Hidromek, Pi Makina, Ersel, SDA Endustri) (18 years)  PTC Creo, ProEngineer WF 3, (Hidromek) (2 years)  CATIA v5R16, (Hidromek), (Training)  Unigraphics NX5, (Pi Makina) (2,5 years)  Autodesk Inventor 12, (Ersel), (2 years)  Solidworks 2013 (SDA Endustri) (4 years)</p>
	<b>CAE &amp; Engineering Software</b> <p>ANSYS Workbench, (Gazi University &amp; Ersel)  ANSYS Fluent,  Kissoft Gear Design &amp; Analysis Software, (Pi Makina)  Arcotec Bevel Gear Design &amp; Analysis Software, (Pi Makina)  MATLAB, (Gazi University)  MS Fortran, (Gazi University)  Automation Studio (Hidromek)</p>
	<b>Microsoft Office Software, (Word, Excel, PowerPoint)</b>  <b>SAP ERP MM Module (Coca Cola and Pi Makina)</b>
<b>Hobbies</b>	<b>Reading, Sports, Traveling</b>
<b>Memberships</b>	<b>Chamber of Mechanical Engineers TMMOB</b> <b>IMBB, Chamber of Construction Machinery Engineers</b> <b>TÜNELDER, Turkish Tunneling Society</b>