

Contatta

+39.340.36.25.853 (Mobile)
antonio.balzano2012@yahoo.it

www.linkedin.com/in/antonio-balzano-47051649 (LinkedIn)

Competenze principali

Continuous improvement
Gruppo motopropulsore
Automotive

Languages

Inglese (Professional Working)

Patents

Multi-Cylinder internal combustion Engine with variable actuation of Engine Valves.

System for fixing an injector to the engine head of a vehicle, method for fixing the injector, and manufacturing method of the system.

antonio balzano

STELLANTIS - Engine Design. Technical Manager and reference for Engine Cost Reduction activities.

Torino

Riepilogo

Professional Expert, Middle Management

Esperienza

FCA Fiat Chrysler Automobiles

30 anni 8 mesi

Engine Design Technical Manager

gennaio 2016 - Present (5 anni 8 mesi)

Torino, Italia

DRE Coordinator for Short Block & Cranktrain components: management and coordination of a Design Release Engineers team (6 members).

Value Optimization "FireFly" Engine family: Global reference point for ideas generation and following Cost Reduction activities.

EMEA CoE Leader (FCA Center of Excellence) for Balancing Shafts and Balancing Systems.

EMEA CoE Team member for Cylinder Block and Cranktrain components.

EMEA CoE Team member for Oil Pan.

Contact point for technical supervision at supplier factories and Quality issues at FCA Engine Assembly plants.

Assistant Chief Engineer

dicembre 2013 - gennaio 2016 (2 anni 2 mesi)

Torino, Italia

Global Small Engine "FireFly".

a completely new small gasoline engine family, in mass production at Betim - Brazil

Contact point for Technical supervision at supplier factories and Quality issues at FCA Engine Assembly plant - FCA Betim.

Product Engineering reference for Engine Cost Reduction activities.

Assistant Chief Engineer

gennaio 2012 - dicembre 2013 (2 anni)

Torino, Italia

Engine Family B 1.8 T-jet 235CV Euro6-T2Bin5, for Alfa Romeo 4C and Giulietta QV (E6 for European market and T2Bin5 for USA market), currently in mass production at FCA Pratola Serra Plant.

Contact point for Technical supervision at supplier factories and Quality issues at FCA Engine Assembly plant - FCA Pratola Serra.

Focal point of Product Engineering for Engine Cost Reduction activities.

Assistant Chief Engineer

gennaio 2011 - gennaio 2012 (1 anno 1 mese)

Torino, Italia

WAR ROOM - FIRE Engine Cost Reduction activity, with 12% of reduction for Engine DMC.

Generation, management and execution of Cost Reduction ideas for Engine components and systems.

Project Manager

gennaio 2010 - gennaio 2011 (1 anno 1 mese)

Torino, Italia

WAR ROOM PROJECT – IVECO CURSOR ENGINES, Cost Reduction activity, with 14% of reduction for Engine DMC.

Generation, management and execution of Cost Reduction ideas for Engine components and systems.

Assistant Chief Engineer

gennaio 2007 - gennaio 2010 (3 anni 1 mese)

Pomigliano d'Arco, Italia

SMALL GASOLINE ENGINE "TWIN AIR", in Mass Production.

Completely new 2 cylinder engine family, with a TTM of 28 months only.

Assistant Chief Engineer for a Low Cost version of Twin Air Engine, finalized to build prototypes for Test bench.

Technical reference for Twin Air Engine Cost Reduction project, due to a collaboration with "McKinsey & Company" (12% of reduction for Engine DMC).

Contact point for Technical supervision at supplier factories and Quality issues at FCA Engine Assembly plant - FCA Bielsko Biala.

System Design Engineer

gennaio 2005 - gennaio 2007 (2 anni 1 mese)

Pomigliano d'Arco, Italia

Technical Team Leader for FIRE 1.4 16V "MULTIAIR" project, in Mass Production at FCA Termoli plant. Variable Valve Lift and Timing System, Steel compound Camshaft, Lost Foam upper Cylinder Head and new Cylinder Head Cover.

Contact point for Technical supervision at supplier factories and Quality issues at FCA Engine Assembly plant FCA Termoli.

System Design Engineer

gennaio 2003 - gennaio 2005 (2 anni 1 mese)

Pomigliano d'Arco, Italia

Technical Team Leader for FIRE 1.4 8v EVO project, in Mass Production.
New Cylinder Head and Cover with Continuous Variable Cam Phaser, Flexible Flywheel and optimized Valve Train.

System Design Engineer

gennaio 2000 - gennaio 2003 (3 anni 1 mese)

Pomigliano d'Arco, Italia

Technical Team Leader for FIRE 1.4 16v MPI project, in Mass Production.
New defining of FIRE 16v Engine architecture for new displacement (1.4cc).

Design Release Engineer

gennaio 1998 - gennaio 2000 (2 anni 1 mese)

Pomigliano d'Arco, Italia

Localization of Engine Components for a new engine family Fire-Fiasa, specifically for Mass Production c/o Betim (Brazil).

Design Release Engineer

gennaio 1994 - gennaio 1998 (4 anni 1 mese)

Pomigliano d'Arco, Italia

Designing of Cylinder Block in Aluminum Alloy, for FIRE 16 Valves Engine (lost foam technology), with a Bed Plate and Auxiliary support optimized, for a virtual and experimental comparison of vibro-acoustical behavior.

Successive new architectural definition of FIRE 1.2 16V engine, for vibro-acoustical behavior optimization, through Aluminum Alloy Bed-Plate definition, with steel sintered Bearing Caps, new baricentric Engine Bracket and structural Oil Pan, for Mass Production application.

Collaboration with "FIAT Research Center" for editing of "Cylinder Head and Cylinder Block Functional Deployment".

Collaboration with a functional team for editing and following upgrade of "Standard for Design and structural Analysis with Pro-Engineer software".

Design Release Engineer

gennaio 1991 - gennaio 1994 (3 anni 1 mese)

Pomigliano d'Arco, Italia

Definition, Designing, Vehicle installation and following support for Durability Tests of 2 Stroke Engine for automotive application.

Benchmark Elements and Cost Engineering, due to a collaboration with “Varity Perkins Technology Limited” of Peterborough (England).
