

Boards and Commissions Application - Taha

First Name	Taha
Last Name	Hussain
Address	3179 Redland Ct
Address 2	
City	Ann Arbor
State	MI
ZIP	48105
Registered Voter	Yes
Ward	1-9
Years a Resident	19 years
Phone Number	3138054911
Phone Type	Cell
Email	tfhussain@yahoo.com
Occupation	Engineer
Employer Name	Ford Motor Co
Employer Address	29500 Plymouth Rd Livonia, MI 48150
Board Interested in 1	Council Member
Board Interested in 2	Building/Zoning Commissions
Board Interested in 3	
Board Interested in 4	
Reason for Seeking	Budgeting/Cost Control/Cost Efficiency/Cost Alignments Leading Ann Arbor into Future (Technology, Automotive, Education, Medical, et.) Improvements to the City (building, roads, parks, bike routes, street lights. et.) International (joint ventures, business, et.)
Willing to Disclose Disability	No
Conflict Organization 1	
Title or Affiliation 1	

Conflict Organization 2

Title or Affiliation 2

Conflict Organization 3

Title or Affiliation 3

Conflict Organization 4

Title or Affiliation 4

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TAHA F. HUSSAIN

3179 Redland Ct, Ann Arbor, MI. 48187

Phone: (734) 786-4004

tfhussain@yahoo.com

EXECUTIVE SUMMARY:

Automotive Engineering Professional with more than 25 years of experience in product design and development. Expert in automotive processes such as PPAP, APQP, PV/DV, VA/VE, and 8D. Led teams of engineers, and designers for packaging of powertrains in commercial, and transit vehicles. Developed supply chains with global vendors for automotive components. Worked with transcontinental teams in developing vehicle powertrain schemes. Experienced in working with people from diverse background such as from Latin America, Europe, and Asia. Quality decision making based on six sigma methodology. Dale Carnegie Graduate.

EXPERIENCE:

Product Engineer, FORD MOTOR CO.

Mar'93-Present

- Supervised release of design concepts to assess feasibility for Manufacturing and Assembly by creating 3D data and surface models with designers.
- Responsible for CAE of automotive components/assemblies.
- Designed, developed, and released multitude of Automatic Transmissions & Powertrain components/accessories such as; Main Control, Servo Assembly, Oil Cooler Lines, Bearings and Bushings, Seals, Structures, Driveshafts, Fasteners, and Coolers. Packaged components and subassemblies in vehicle environments using Teamcenter for CAD verification.
- Tested and Validated powertrain and chassis components/assemblies/sub-assemblies using;
 - Set up dyno cells and bench test equipment
 - Set up and instrumentation in vehicles for data collection
 - Run tests, analyze data, and create reports
- Managed supplier for timelines, technical and design inputs, design review outputs and progress, quality, logistics, cost data, shipping and packaging.
- Reviewed supplier PPAP, Capacity Analysis, and Safe Launch Reviews.
- Resolved quality, supplier, manufacturing, and assembly issues.
- Benchmarked competitive and best in class components to understand design methodologies.
- Interfaced w/Planning, Finance and Purchasing staffs
- Coordinated and supported prototype and pre production builds new vehicle launch.
- Led ergonomic analyses and reviews with assembly teams.
- Developed product requirements, and testing methods
- Performed Value Engineering and Value Analysis (VA/VE)
- Organized and facilitated Lean Manufacturing, Kaizen workshops
- Carried out warranty analysis and TGW survey analysis
- Developed design rules, design considerations, and ES for components and assemblies
- Implemented multiple 6-Sigma projects for Process, Warranty, Customer Satisfaction improvements

Project Engineer JOHNSON CONTROLS INC. Plymouth, MI.

Nov'90-Mar'93

- Responsible for design & development of automotive seating components/systems
- Validated and tested of seat components/systems (FMVSS, Customer requirements)
- Coordinated manufacturing and assembly operations.
- Project management & Styling and customer liaison.

Product Engineer ECS/ROUSH: Livonia, MI

July'88-Nov'90

- Responsible for Automotive Design & Dev., Analysis & Prototype Builds.
- Analyzed and redesigned of 4-speed manual transmission.
- Design & development of transmission oil cooler kit.
- Engine valve train systems design/development;
 - Set up dyno cells to run engine tests
 - Support technicians
 - Analyze and report data
 - Transmission components durability & reliability tests
 - Engine rebuilding & testing on dynamometer
- Prototype build & development of 4x4 light trucks. design & development of suspension chassis component, and body mounts

Project Manager – Volunteer for Community Projects (2009 – On Going)

Managed Contractors, Sub Contractors, City Officials/Planners/Inspectors, Permits, Fire Department, Water Utilities, Architects, Fire Sprinklers, Fire Alarm,

- Construction of School and Community Center
- Addition of class rooms in Basement
- Incorporation of Commercial Kitchen in the facility
- Basement water proofing
- Facility Maintenance, Parking Lot Maintenance, Grading for water drainage,

EDUCATION:

MBA, Eastern Michigan University,

December/1996

MSME, Wayne State University,

July/1988

BSME, Osmania University,

June/1985

COMPUTER and SOFT SKILLS:

- Operating Systems: PC & Compatibles, Apple,
- Software: Windows, Excel, MS project, MS word, PowerPoint
- Technical/Business writing
- Interpersonal communication techniques
- Conflict management techniques and cultural diversity training
- Communication in culturally diverse environment
- Trained in 6 SIGMA methodology