



Thomas Grolemund

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Curriculum-Vitae

Work Experience:

2010 to 2021

Sumitomo Rubber USA - Design Engineer, Motorcycle Tire

- Lead Engineer – Race tire design and development.
- Product optimization and continuous improvements.
- Trackside engineering support.
- Vehicle dynamics support.
- Perform tire analysis on race tires for performance, wear, and failures.
- Inspect and audit all race tires.
- Liaison to manufacturer factory race teams.
- Perform analysis of competitor motorcycle tires.
- Review warranty claims.
- Engineering analysis support for in-house and competitor tire testing at test tracks.

2009 to 2010

Goodyear Dunlop Tire Co. - Leadership Development, Auditor

- Develop and implement audit system to assure compliance to manufacturing and design standards.
- Develop and revise standards to meet customer demand.
- Responsible for adherence to internal and external standards, DOT, ISO, FMVSS, TRA.

2008 to 2009

Goodyear Dunlop Tire Co. - Leadership Development, Quality Engineer

- Develop and implement quality systems.
- Increase production yield through quality initiatives.
- Evaluate data from tire analysis and testing.
- Perform tire checks at motorcycle rallies to analyze tires.
- Attend trade shows and OEM meetings providing tire technical expertise.

2007 to 2008

Goodyear Dunlop Tire Co. - Leadership Development, Process Engineer

- Comply to and improve tire manufacturing process including building, curing, finishing, inspection, quality control.
- Proficient operation of all equipment involved in component preparation and tire manufacturing.

2006 to 2007

Goodyear Dunlop Tire Co. - Leadership Development, Continuous Improvement

- Comply to and improve tire manufacturing process including building, curing, finishing, inspection, quality control.
- Proficient operation of all equipment involved in component preparation and tire manufacturing.
- Advise on new tire building machine specs and capabilities.

Education:

Chemical & Biological Engineering, Bachelor of Science
STATE UNIVERSITY OF NEW YORK AT BUFFALO

2006

Teaching Experience:

Race tire seminars

- CLASS Motorcycle School
- STAR Motorcycle School
- California Superbike School
- Team Hammer School
- Mid-Ohio Sports Car Course Motorcycle School

Motorcycle rally tire seminars

- Americade
- Honda Hoot
- Sturgis
- Wing Ding
- International Motorcycle Shows

Riders Clubs

- BMW Owners Association
- Harley Davidson Owners Group

Research and Testing:

- Motorcycle Handling, Track Testing, Static and Dynamic indoor lab testing
- Motorcycle Race Tire Testing
- QA on several thousand motorcycle tires
- Motorcycle tire failure analysis

Patents:

Tread Patterns: US D717233 S, US D718221 S

Additional Training:

- Tire Development training at Sumitomo Rubber Industries Kobe and Nagoya Japan.
- Basic Tire Construction, Goodyear Dunlop Tire Co.
- Structural Analysis of Tires, Goodyear Tire & Rubber Co.
- Basic & Advance Compounding, Goodyear Dunlop Tire Co.
- Motorcycle rallies to examine wear and educate customers about tire maintenance and safety.
- Passenger Car tire builder.
- Motorcycle Tire builder.
- On vehicle tire testing.