

Rubber Technologist Job Description

- Research and experiment with new rubber compounds and exploit their important aspects to make sure they are used properly in making innovative products
- Give ideas and work together with engineers, designers, quality control people and shop floor assistants to develop rubber products
- Conduct analytical testing on manufactured rubber items and raw materials and develop experimental formulations for modifying and improving rubber compounds
- Design and conduct various assessment to ascertain properties of rubber materials and not forget to submit detailed reports of those findings as well as your findings to sales and R&D departments
- Actively participate in quality compliance
- Suggest proper corrective actions
- Maintain and update technical management resources
- Keep in touch with fellow co-workers as well as supports
- Observe the shop floor as a rubber technologist leader to see if the specialists and chemists are running the machines properly or if mixings, milling, extruding, and vulcanization are going on properly or whatever other rubber processing techniques
- Keep on modifying the compositions for each batch. Know how to choose the right raw materials, additives and reinforcing agents in terms of performance and cost while mindful of the environmental impact of rubber products
- Develop or suggest methods to recycle and make use of rubber again and also show no problem with the dedication that is needed for the better performance of rubber and rubber products
- Be a part of the product design review team and work with the engineers to oversee the quality of rubber components to meet reliability and security standards of the final product

- Make and implement plans for recycling and making use of the waste from rubber and other products to achieve more sustainability and make the environment eco-friendly
- Develop and carry out failure analysis and investigation in a bid to identify and solve issues on product defect or present poor performance
- Manage and keep all machines, instruments and lab facilities in good condition ensuring they work properly
- Set and detect various formulas, conditions and materialistic properties of rubber and type classifications in separate databases
- Be a part of the patent research to be aware of the development and improvement of company products and effect, and also present innovative ideas for improvement
- Develop various methods and testing techniques for the improvement of product quality.