



# HYDERABAD RUBBER PRODUCTS

OFFICE & WORKS : Plot No.111, Phase-III, SVCIE, Balanagar, Hyderabad - 500 037.

E-mail : hyderabadrubberproducts66@yahoo.com

## OUR QUALITY ASSURANCE PLAN

Quality assurance plan is a critical part of any project, as it enables to agree a set of quality targets with the customers. It then helps in monitoring and controlling the level of quality, which further indicates the level of adherence to the targets. The purpose of quality assurance plan is to direct and facilitate the establishment of quality assurance activities within processes used to deliver right products and services to the clients. This also makes sure of the quality of the goods delivered.

### **POLICY:**

We are into offering a wide range of Rubber Components that is highly appreciated by clients. The Rubber Components are designed and developed as per customer's specifications and requirements. The range of Rubber Components offered by us is known for its quality, efficiency & excellence. This range of Rubber Components finds usage in various industries like Chemical Industry, Rubber Industry, Paper Industry, Plastic Industry, Textile Industry, Petrochemical Industry, Pharmaceuticals Industry, Heavy Metal, Food Processing Industry, Irrigation and Thermal Power Plant.

### **QUALITY ASSURANCE TEAM**

At Hyderabad Rubber Products, there is a dedicated quality assurance team. Management is determined to protect the team's independence in dealing with the process quality – for both products and services. Management also helps the team to formulate the roles and responsibilities of each individual of the team.

### **ROLES & RESPONSIBILITIES**

The main function of the quality assurance team is to guide the technical staff to gradually improve the standards relating to quality. Quality assurance team will initiate the process and will take part in each and every phase of the process. The roles and responsibilities of quality assurance team are:

- ❖ To increase quality promotion.
- ❖ To develop and maintains the quality assurance plan.
- ❖ To conduct the audits and reviews.
- ❖ To ensure the quality assurance processes and procedures adequately control processes.
- ❖ To review and approve specifies deliverables.
- ❖ To promptly report the results of audits to management.
- ❖ To implement task level quality control based on quality assurance standards.
- ❖ To manage defects, errors and corrections.
- ❖ To develop new technology.

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Partner

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## QUALITY ASSURANCE ACTIVITIES

Quality Assurance Activities or QAA is designed for product evaluation and process monitoring. They also assure that the product development and associated processes are correctly carried out as per the process of Rubber Components are monitored for conformance to standards and operations are monitored for conformance to procedures. Quality Assurance Activities not only assure the existence of clear and achievable standards but also evaluate the compliance of the products to the established standards.

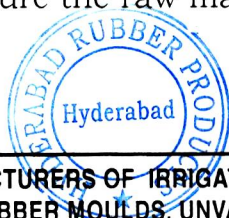
In Quality Assurance Activities, audits are the key technique used to perform product evaluation and process monitoring. At the same time, they also assure that appropriate steps to carry out the process are being followed. Moreover, management plan review ensures that appropriate methods are regularly supplemented to these processes. Audit report to management consists of the findings and recommendations to bring the development into conformance with standards and/or procedures.

### **Quality Assurance Activity Assures:**

- ❖ All the operation and production activities are performed in accordance with the quality plans, standards and procedures.
- ❖ Configuration control is maintained in critical phases of testing, acceptance and delivery.
- ❖ Authentication is established by a series of reviews that exhibit the performance required by the standard or contractual specification.
- ❖ Verification and validation activities are done by monitoring technical reviews, inspections and walkthrough.
- ❖ Formal testing is done in accordance with plans and procedures. Requirements are complete, testable and properly expressed.
- ❖ Testing will be conducted in the presence of the client.

### **MANUFACTURING PROCESS:**

1. Inward enquiry for Rubber Components from various customers.
2. Internal discussion regarding price valuation.
3. Quotation will be submitted to the customer as per enquiry.
4. Purchase Order from the client.
5. Designing of tool to manufacturer the rubber components as per drawing given by the client.
6. To procure the raw material from the approved stockiest & rubber board.



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7. As per the quality standards of the material the raw material will be blend in our kneader & mix finally getting the un-vulcanized rubber sheets.
8. Sheets will be extruded as per design and same thing will be kept in hydraulic press in the mould as per given drawing for molding.
9. Molding is kept 15-30 min. as per the Raw material is used in the Process. Molding components will be released from the mould. All flashes will be trimmed and dimensions. Check will be conducted for each and every rubber component which molded in the process.
11. Randomly we will pick up the rubber components and test as per the standards given by the client. Convert visual and dimension checks. i.e-
  - i. Hardness
  - ii. Elongation at break
  - iii. Tensile
  - iv. Water absorption test
  - v. After ageing test (tensile and hardness at 70°C for 48 hours)
12. Tested components are: packed as per check list and marking is done suitable as specified to the relevant drawings.
13. Finally material is packed in card board boxes and any other means as per customer requirement to protect them against damage during transit and storage.



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Partner