Quality Management: Important Aspect of Terry Towel cluster Development

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Preamble

Industry Participation in Educations.

This concept has gained importance since new business development is very important to survive in the present National and International competition. To meet customer requirements continuous improvement in quality of the Textile products is need of the hour. To survive in the completion India needs to go in for large scale production and automation. Quality, in simple terms, connotes 'competence of a company to solely satisfy implied and stated needs.' So what does it basically convey? The long and short of it means that whatever the company is doing has to be 100 % and should meet all written essentials and particulars while warranting the products and service functions as contracted. In order to abide by the above annotation of quality management in Terry Towel "Quality" businesses instill "Project Quality Management". It is the practice for insuring that all project activities mandatory to design, plan and implement a project are effective and efficient with respect to the scope of the object and its performance. Project Quality Management is not an isolated, independent process that occurs at the bottom-line of an activity but is an evolving process, which is more about averting and avoiding rather than measuring and mending poor quality outputs. It is the part and parcel of a project from its inception to the final steps in the project closure phase.

The main idea behind project quality management is to secure that the project meets or exceeds stakeholder's requisites and expectations. The whole project team should foster a good relationship with key stakeholders to deduce what quality means to them.

Mostly, turning a blind eye and deaf ear to stakeholders expectations and sticking only to written requirements, is the major cause for poor project valuations. Quality management, hence, is not an episode but an evolving process, inclined towards production of a high quality product or service.

Project Quality Management comprises of 3 main processes:

- Quality Planning based on the client needs Domestic and International Market
- Quality Assurance depending on the brand to be developed
- Quality Control by strict implementation of the fibers , yarns , processing technology

Let's elaborate each of these to have a better idea.

Quality Planning:

As the title implies, it is the steps taken to plan out how to obtain quality requirements and blueprints, ordained by the company. In short, this is a set of code to achieve the standards. The process is thoroughly devised to substantially convey how to meet the demands of the customers because at the end of the day, it is the customers, who is the final jury.
Examples

1) **Yarn quality requirements.** This depends on the quality of the towels to be produced range of yarns available are Finest Egyptian cotton, Pima to coarser counts made from local cotton .Microfiber production has created to new products

2) **Once the quality is decided we need Technology to weave.** Technological development are happening every day to facilitate Business development, Stake holders play an important role. Here it is important that weavers , processers , finishers and marketing personnel's to do the team work to implement set blue prints.

3) New Terry Towels are developed with aesthetic appeal and performance ie soft feel, good absorbing and quick dry, with anti mildew properties

Quality Assurance: Standards developed are important. Now, it's clear that quality planning is a crucial step towards providing A-1 quality Terry towel product and services. Quality Assurance is another such facet that tends to assess project functioning to make sure what's being done is meeting the appropriate quality standards. It also ropes in the open ended quality upgrade by performing quality analysis and benchmarking to amend and correct quality.

Adoption of the correct production systems and online monitoring of the process parameters is better.

Prevention is better than cure

Quality Control: It is the process that being the tailpiece, confirms that all the quality planning and assurance norms taken are compliant with overall quality missions of the company. It employs a toolbox of tactics to steer things when not in place by lashing out the quality control charts, doing Pareto analysis and resorting to Six Sigma. These quality control charts are visual illustrations of the project quality outputs over the series of definite periods.

After being well enlightened of all the considerable sets of processes that go into project quality management, in the end, one can sum up that quality is the ultimate entity, that matters-may it be for business or clientele. It is a bilateral dialogue between customer needs and feedback and company's potentiality to measure up to those needs and attend to the feedback.

Implementing 5s, 6 sigma and lean sigma are few quality control tools to assure product qualities. A study of the Technology available in organized and decentralized shows following problems to be managed

1) Supply of yarn with consistent quality
2) Needs improvement in preparatory process
3) Terry Towel Technology of weaving Ex Handloom , power loom , rapier airjet
4) Towel Processing – Yarn Dyeing , preparatory process

All the plants available in the manufacturing sector needs to adopt following concept

1) Adoption of Energy savings processes 2) Eco-friendly green technology 3) Up gradation of the Technology

   For this continuous education and training of the all the concerned plays important Role. It is preferable to develop distance learning academy with practical emphasis. A need based practical training and capacity building mechanism is very important to take advantage of the technological developments.

Recommendation

Terry Towel cluster development is possible by Team work. Quality management in production processes is possible if certain basic standards are developed in managing Raw Material ,Men , Machine to meet the customer requirements. Role of educational Institute is very significant in bringing in new adoptive Technology to the Industry. Development of the Innovative adoptive research by collaboration of the Industry Institute needs to be strengthened to get fruitful results