



8TH D. L. SHAH MEMORIAL LECTURE

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Creating a Quality Culture in an organization

The Tata Steel Way by Mr. Anand Sen, President TQM & Steel Business, Tata Steel Limited

Lecture Proceedings

Eighth D. L. Shah memorial lecture was held on 18th February 2017 in the afternoon at Hall of Harmony, Nehru Centre, Worli-Mumbai – 400018.

Mr. Mahesh V. Gandhi, Trustee NCQM welcomed the guests and dignitaries who included, among others, learned speaker Mr. Anand Sen, Mr. H. K. Taneja, Trustee of D. L. Shah Trust (DLST), Mr. Khushroo Khambata, CEO of DLST, Dr. H. M. Mehta, Trustee of NCQM and Mr. B. Banerjee, President NCQM. Mr. Gandhi also gave an update of NCQM's activities & achievements over the past 27 years. Mr. H.K. Taneja gave an update of D. L. Shah Trust for Applied Science, Technology, Arts & Philosophy and its activities.

Mr. Banerjee introduced the speaker whose brief C V was already there in the invitation letter itself. To start with, Mr. Sen highlighted global presence of Tata Steel having products & services in over 50 countries, over 80,000 employees in 5 continents, and operations in over 100 countries.

He categorized TSL's expanse in 3 industry type (a) Mining – 3rd Largest (b) Iron & Steel Manufacturing – 3rd Largest and (c) Engineering & Projects which has an annual carpex outlay of Rs. 8000 crores. Further the profit centres, Joint ventures, Steel Processing Units, together make TSL operation complete and fulfilling. TSL's uniqueness is in being able to manage it's 'trilemma' and provide value added products, services & solutions to its customers. While maintaining the 'supplier of choice' status for its customers, TSL's endeavor is to create value over time for all its stakeholders.

Embedding the 'culture of quality' at the roots of the organization has helped TSL to continually spiral up the journey of business excellence over the years and be the industry leader. However, the journey had its challenges of dealing with a large and complex value chain with diverse employee base, operating characteristics and capabilities. This quality journey which started almost 3 decades earlier in '90's as a mere initiative was cultivated to a continual journey around 2005 post which it found roots in the organization and became a culture! Quality Circles, Total Productive Maintenance, Total Operative Performance, Theory of Constraints, Corporate Quality Assurance, Innovent, Shikhar – 25 etc were some of the key initiatives undertaken by the organization to stay abreast with the changing times. Blessed with a leadership with continuity of thought and a dedicated workforce, TSL has always been able to do many things to keep the organization engaged on this journey of excellence.

The Deming journey that TSL undertook around 2005 brought about the next phase of transformation in the organization with the focus largely being on establishing system thinking and process approach in a uniform manner - from mining to finished products. A customized TQM framework helped provide a common lexicon so that all could understand and speak the same language across the diverse and long value chain. TQM vehicles such as Policy Management, Daily Management, Cross Functional Management and Employee engagement were used to drive systematic improvements for a process oriented business results. Maturity was built over the years through relentless focus on rotating PDCA in every aspect.

Along this journey, TSL attempted to win awards; not so much for the joy of winning but to have systematic approach to Quality. The efforts were vindicated with several awards from time to time and TSL went on to become the 1st integrated steel company outside Japan to win the DAP (Deming Application Prize) Award in 2008 and later the DGP (Deming Grand Prize) in 2012! A key realization of the Deming journey was the need for strong collaboration to unearth value residing within the 'crevices'. Much against the convention, TSL in



its pioneering spirit, chose to focus on aspirational targets and adopt customized problem solving approach to meet the varied needs across the breath & depth of the organization.

The TQM culture today is not only limited within the steel boundaries but has been extended at an enterprise level and the focus is on adopting integrated thinking – interdependencies between factors affecting organization's ability to create value over time – for sustainable business is another new dimension of TQM. The journey of 'getting better at getting better' is a never ending one and true to its spirit, TSL continues in its endeavor to seek newer challenges in the areas of Quality, Safety, and Asset Management etc.

150 seater hall was full with professionals from over 60 organisations attended the prestigious Annual event.

Power Point Presentation slides of Mr. Sen's lecture are provided in this newsletter issue itself.

Mr. Santosh Khadagade, Vice President NCQM proposed a vote of thanks to all concern who made the entire proceedings a memorable one.

The event concluded with a social meet over high tea.

[Compiled by Mr. B. Banerjee]

Few Snap Shots of the Memorable Event



Mr. H. K. Taneja, Trustee D.L.Shah Trust and Mr. Anand Sen, President TQM and Steel Business, Tata Steels Ltd., (Speaker) garlanding portrait of Late Shri D. L. Shah



Mr. Taneja welcoming Mr. Sen with a lucky tree



Mr. Mahesh V. Gandhi, Trustee NCQM briefing NCQM's activities & achievements to the audience



Mr. Taneja briefing activities of Shri D. L. Shah Trust to the audience





Mr. B. Banerjee, President NCQM introducing the speaker



A section of large audience



Question / Answer session is in progress



Dignatories on the dias L-R – Mr. Santosh Khadagade, Dr. H. M. Mehta, Mr. H. K. Taneja, Mr. Mahesh V. Gandhi, Mr. B. Banerjee, Chief Guest Mr. Anand Sen, Mr. Khushroo Khambata, Mr. S. V. Viswanathan



Mr. Anand Sen delivering his speech



Another view of the audience engrossed in the lecture



Mr. Taneja presenting a silver plaque to Mr. Anand Sen

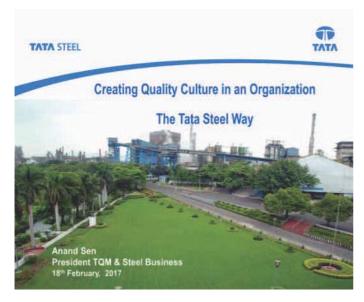


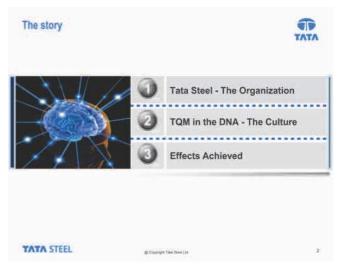
Mr. Santosh Khadagade, Vice President proposing a vote of thanks

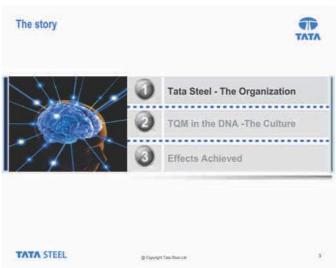


Creating a Quality Culture in an organization

The Tata Steel Way by Mr. Anand Sen, President TQM & Steel Business, Tata Steel Limited,

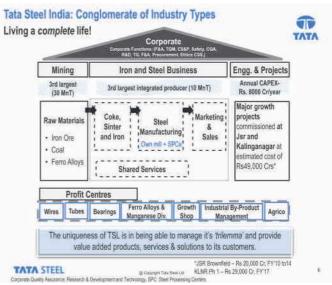






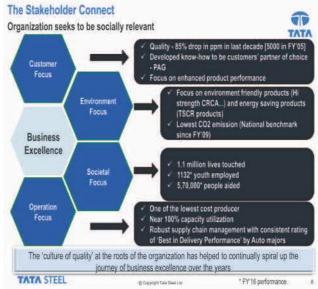


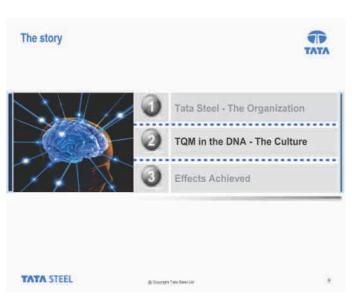




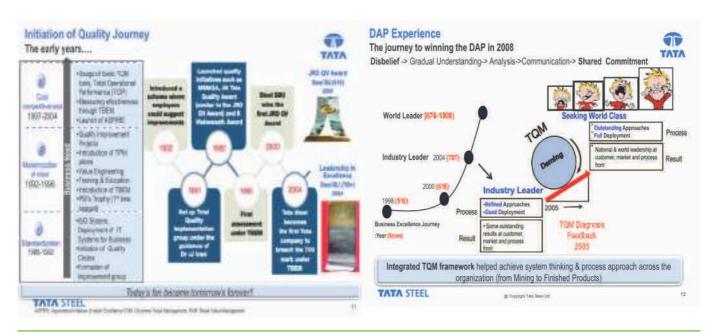














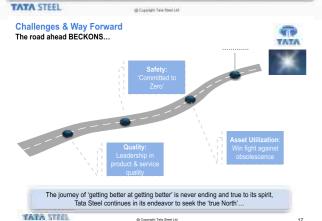


...Since 2009, in pursuit of World Class, TSL has realized global benchmarking, innovation and grooming of

TOM experts.
...TOM which attaches importance to customer, process and data, HR development and TEI * has been thoroughly deployed across the organization.
...TOM culture like sustenance and improvement has been cascaded based on continuous implementation of TOM.



In the quest for excellence, the improvement orientation, painstakingly built over decades, stands out as the fundamental differentiator of organization culture at Tata Steel!







TQM at Enterprise Level

Enterprise wide business excellence: going outside the limited boundary



Synthesis: Looking at the organization as a whole - going beyond islands of excellence



- Alignment & Integration: Ensuring consistency of plans, processes, measures & actions (from Steel BUs to all PCs) and
- . Unearthing value residing within the 'crevices' to institutionalize for the future
- Sustainable future Adopting integrated thinking interdependencies between factors
 affecting organization's ability to create value over time for sustainable business





