



संवाद

साथ बड़े समृद्धी की ओर ...

A Quarterly Bulletin of Quality Circle Forum of India - Mumbai Chapter

Volume # VII | Issue : 3

An ISO 9001 : 2015 Certified Chapter

July - Sept : 2020

Editorial Board

J. S. Malshe

V. K. Lad

A. D. Kulkarni

Managing Council

K. B. Bharati
Chairman

S. S. Patankar
Vice Chairman

R. S. Potdar
Vice Chairman

J. S. Malshe
Secretary

H. S. Samuel
Jt. Secretary

G. B. Thatte
Treasurer

Council Members

K. G. Kothari

V. K. Lad

A. D. Kulkarni

S. R. Pandey

A. M. Tathare

S. Bardhan

From the Desk of Chairman

Friends, we are witnessing unprecedented times in our lives. The Covid 19 outbreak, across the Globe, has completely changed the world, as we all know. Never before, in recent history, have we encountered a challenge of this magnitude and dimension that has profoundly impacted almost every human on this planet. This being a total new virus the whole world was unaware of any medicine if not to prevent but restrict its spread. The only solution the whole world could think as immediate measure was to enforce lock down. People were advised to observe all types of restrictions and not to move unless it is really essential. Lockdown strategy has helped in great extent in restricting the spread of this deadly pandemic and also gave breathing time to create medical infrastructure to cope up with such large corona casualties. On one side the Lockdown strategy worked, however, almost all the business activities came literally to halt and it slowly started showing adverse effect on the economy. The economists started saying if this lockdown continued for longer time may even lead to total crippling of economy of the country which no one can afford. Hence, it was appreciated that with slowly unlocking the normal life, ramping up testing to catch the disease at early stage and create public health infrastructure remains the best way adopted by Government until vaccine comes to our rescue.

The biggest challenge during this pandemic time for us was how to conduct our 34th Annual Chapter convention which is our mega event with about 1600 participants coming from various organizations across the country to participate in this event. After lot of debate within ourselves and with our QCFI HQ, finally we decided to go ahead with virtual convention with new normal so that we follow the restrictions of the government and ensure the safety of the people. This will not only help to keep the continuity of this major event but also the interest, enthusiasm and motivation of the workforce. Theme for the year was **“Developing “SELF RELIANT INDIA “through Quality Concepts”**. I am really delighted to inform you that this unique virtual convention was very much successful. However, we missed the pleasure and joy of coming together, interacting, exchanging of ideas with each other, sharing of experiences and most importantly reviving our contacts. I think when we try some new ways under difficult situation we may have to sacrifice few good things for Safety which is our utmost priority.

I am happy to inform you that we received excellent response with more than 161 case studies and very good participation to posters, poem, slogan and essay competition. I on behalf of the QCFI sincerely thank all the coordinators and management of organizations for their wholehearted support even in this turbulent time. The unique thing of the convention apart from virtual, this was totally paperless convention. The coordination by our Governing council members of Mumbai, Thane sub chapter and our office staff was excellent. M/s. SS Patankar, RS Potdar, Mahesh Bhoir, Vijay Lad, Henry Samuel & Mrs. Leena Paie evaluated case studies, Posters, Poems, Slogans and Essays entries and carried out brochure preparation in a very artistic way. Mr. SS Patankar ably assisted by Mr Henry Samuel very well coordinated receipt of case studies, compilation of results and communicated flawlessly to all concerned



organizations along with appropriate certificates. The TEAM work in managing this virtual convention was Excellent. I feel proud to be part of this team.

As part of our regular activities, finalisation of accounts is also one of the important activities. I appreciate the efforts of Mr. Jayant Malshe, Girish Thatte, Mr. Jaysing Kale and Ms. Pratibha in accounts finalization, despite difficulties in reaching out to office and financial institutions for related work. I also give special thanks to our CA Milind Garud and Mr. Ravindra Mahaldalkar for their timely support in audit and preparation of financial results documents -2019-2020. During the quarter, considering various restrictions on movement of people, all our regular activities like training, Audits, meetings lectures and seminars were organized virtually with various technological options available and we find this virtual Meets safe and new normal way of working. Friend's time ahead is not only going to be difficult but more challenging. We have to reorient our way of working to suit the dynamically changing environment if we have to survive and succeed as an organization. Recently, in a Webinar address, Sister BK Shivani said *"Let us install antivirus in our system, using computer as metaphor for our thoughts. It is observed, many a time we run amok and fail to present our good thoughts. Our personality determines our thoughts. Thoughts give rise to attitude and that attitude sometimes mars entire atmosphere of affinity."*

I appeal to all of you to restrain yourselves when catastrophe befalls and be cool to combat it. I take the opportunity of wishing you and your family a very happy festive season ahead.

Happy Reading!! Stay Safe, Stay Healthy!!! Happy Diwali and New Prosperous Year!!!!

- K. B. Bharati

Chairman & Director, QCFI

Congratulations



Mr. KB Bharati, Honorable Chairman, QCFI Mumbai Chapter has been elected as Director on the Board of Quality Circle Forum of India for the year 2020-2023. QCFI Mumbai and Thane Sub Chapters entire Pariwar and Samvaad Editorial Board congratulate him on this elevation and new assignment. Bharati Sir, we all are proud of you and feel elated to wish you another successful tenure.



DISHA'S WEBINAR ON 'COST REDUCTION THROUGH COST OF QUALITY'

DISHA, a quarterly organized program, started as knowledge sharing initiative for QCFL life members held its 7th successful Program virtually by Jio Meet on 28th August 2020 from 5.00 pm to 7.00 pm. The topic for the Webinar was 'COST REDUCTION THROUGH COST OF QUALITY'. The topic was apt at the time as in today's competitive world we can see the survival of the fittest. To remain fit one has to embrace different cost reduction techniques. The faculty for the Webinar was Shri. Amar Marathe, professional having experience of more than 27 years in corporate world, mainly with Tata Steel, Voltas and other reputed organizations like Blue Star. He has a rich experience in TQM activities like Business Excellence, Operational Excellence, Lean Manufacturing, Innovation management, Knowledge management, Six sigma green belt holder and Safety management are some of the other concepts in use.



The topic covered many aspects of Cost of Quality which could be summarized as follows;

In order to ascertain a product/ service of good quality in a consistent manner, an organization has to deploy certain processes. The deployment would incur some costs, which is nothing but Cost of Quality. This can be divided in mainly two parts- Cost of Good Quality and Cost of Poor Quality. This can be further divided into Appraisal Cost, Prevention Cost - as elements of Cost of Good Quality. Cost of Poor Quality component can be divided into Cost of Internal Failures, Cost of External Failures and Cost of Lost Opportunities. Generally, it is observed; the companies who do measure Cost to Quality mainly focus on Internal and External failures and that too, in a limited way. They do not look at Cost of Good Quality and Cost of Lost Opportunities at all, so the ratio of Cost of Quality to total turnover is not more than 10% in these companies. However, if a company were to implement all the elements in a correct manner, the Cost of Quality can be in the range of 25 to 30%. There are multiple sub-elements of each component of Cost of Quality which a company can track and use it as an improvement tool. One has to bear in mind, this technique is not a problem solving tool in itself, but rather it will point to an area where problem solving techniques need to be applied, in order to save cost.



A systematic program can unearth many such areas for improvement and can lead to cost reduction.

The webinar helped participants to understand, What is COPQ/COQ?, Impact of COQ with respect to the product life cycle, Comparison between US and Japanese philosophies, Different elements of COQ, Sub elements of COQ, Quality Cost matrix, Details of sub elements of COQ, Different trends and ratios, Reporting and Action Planning, Impact on Bottom line. The Webinar ended with positive feedback by all participants and by clearing all doubts asked.



What is COQ?

- Cost of Quality (COQ) is the total cost of ensuring product and service quality
- Total COQ is the sum total of the Cost of Non-Conformance (CONC) and the Cost of Conformance (COC)

CCQC – 2020, MUMBAI CHAPTER REPORT

Chapter Convention on Quality Concepts for Quality Circle Forum of India, Mumbai Chapter has always been a big event right from the year it started. Through the last 33rd annual conventions it grew in every way; organizations, teams, participants, delegates, concepts, guests, budget, elegance, etc. There were challenges at times that forced changes but the convention for the QCFI team went unstoppable with the support of growing number of member organizations. Suddenly a new challenge was waiting in the year 2020 when it was time for the 34th Annual Chapter Convention. An altogether new pandemic that broke out in November 2019 spread throughout the world and caused National lockdown conditions in India from 20th March 2020. Everything became uncertain as all the activities came to a standstill. But then, though the pandemic was spreading its wings, people learnt to take precautions in few months and new living standards were established. Slowly organization started functioning but still it was not time for everything to open up as the convention time approached.



Not to deny the benefits of the convention to organizations, it was now time to adapt to the situations. It was then that the guidelines from QCFI headquarters was received on Conduct of CCQC-2020 as per the decision of Special Board of Directors meet held on 1st June'20. This made it clear as to how the chapter conventions could be held virtually without missing any part of the event. The guidelines were so clear for a virtual convention that we just had to understand and adopt to our situations. A meeting was held on 20th August 2020 by QCFI, Mumbai Chapter and tentative dates with detailed planning were made for every activity of the virtual convention to be carried out from 1st September to 30th September 2020. A judges' team was formed to evaluate all the case studies that were expected. The judges' team comprised of Shri. Rajendra Potdar, Shri. Henry Samuel, Shri. Vijay Lad, Shri. S.R. Pande and Shri. Mahesh Bhoir while the team was headed by Shri. S.S. Patankar and guided by Shri. Girish Thatte. After watching the evaluation guidelines on video from HQ a webinar for judges was held on 25th August 2020 for training cum discussion on the evaluation guidelines for all the judges to understand. CCQC-2020 Brochure was prepared and finalized taking all activities into consideration. Registration forms were prepared in soft for online registration and payments. Separate email Id was registered exclusively to receive all case studies and correspondence regarding CCQC – 2020. Formats were prepared to keep record and track of the case studies. Separate Evaluations sheets were prepared and finalized as per guide lines from HQ for QC, LQC, LSC, OC, 5-S, 6-Sigma, Kaizen, VE, TPM, OC and other competitions like Essay, poster, slogan and Poetry. Case study result conveying sheets to coordinators were prepared. Virtual Certificates were designed in consultation with the committee.



Before beginning with the process a demo practice of all the activities from receiving of case studies on the designated email, sending it for evaluation to all judges, receiving back the evaluated mark sheets and compiling them into the record sheet was carried out to understand and eradicate errors that raised. All system was ready in time but there were only a handful of case studies that came in the initial week. Reminders were sent every

week and GC members took efforts to personally get in touch for instructing and guiding coordinators with the new system. It was then the flow of case studies picked up. Essay, Poster, Slogan and Poetry were also received for the competition and the judges' team had a busy time receiving, evaluating, sending back and compiling of all the related records. Detailed status of the follow-up with organizations, case studies received and evaluated were conveyed through whatsapp group of GC members. Some of the teams did have problem in responding timely due to technical reasons and so the time limit for receiving case studies was extended to avoid denial of participation by interested teams and a magical figure of 161 case studies received was achieved. Intermittent meetings were also held to take review and guidelines from other GC members. It was also decided to award the best teams in QC and OC category by physical trophies at their work place in presence of their management maintaining all safety norms. In all the process our QCFl office team headed by Shri. Jaysing Kale was of ready help at all times with coordination, while other GC members were always available for guidance and motivation. Though there was relaxation in time for receiving case studies the whole process of compiling of results, publishing of results on website, conveying of marks and distribution of virtual certificates by mail through coordinators was done by scheduled targeted date of 30th September 2020. Along with the NCQC – 2020 brochure the intimation for nomination of teams to the Virtual National Convention to be on 27th December 2020 with new changes was conveyed to the coordinators/teams. Thus, CCQC – 2020 of Mumbai Chapter and Thane Sub – Chapter together had been highly successful of which appreciation and positive feedback are still pouring in.



CCQC – 2020 Participation statistics at glance

Award	Quality Circles	Allied Concepts
Gold	89	34
Silver	22	13
Bronze	3	0
Total	114	47



Team Head S S Patankar G B Thatte Guide



V K Lad



H Samuel



R S Potdar



S R Pandey



Mahesh Bhoir



Employee Empowerment and Ownership through Jishu Hozen

Rajendra Potdar, Vice Chairman, QCFI Mumbai & CEO, MABEC

A Few days back I was talking to my friend Mr. Deepak Salunke, Factory Head for Machine Building Division of Mukand Ltd. We were discussing about the olden times on shop floor that we spent together. Those days we used to say - “We Build Machines that Build the Nation”. While Speaking, Mr. Salunke told me about Zero Breakdown on Bending Machine for the last two years! The Bending Machine was installed in 1980. He proudly stated that Machine operator, Mr Tushar Mayekar is taking care of this Machine as a JH owner for more than two decades. I requested him to allow me to write about successful implementation of Jishu Hozen for last twenty years by an Operator!

On 5TH August 2020, I visited the factory along with Mr. Salunke. I was thrilled and astonished to see Bending machine's (TPM Manager Model Machine) condition after 20 years. Basic condition of equipment is sustained. I further interacted with the Operator Mr. Mayekar and Maintenance team. Operator has been consistently doing JH every day. My sincere Thanks to Mr. Deepak Salunke, Mr. R. Jagnathan, Mr. A. M. Kulkarni, Top Management of Mukand for allowing me to visit this Machine. The Management was kind enough to Share maintenance data and photographs required for further analysis and encouraged me to write and publish this JH success story for the benefit of Indian Industry.

At Mukand, our TQM journey started in 1987. Every TQM initiative, ISO 9001, QC Circles, Education & Training and Juran Quality Improvement Programme was very systematically implemented with the direct leadership from the Top Management. We were very fortunate to have participated in the continual improvement journey of Mukand. These initiatives helped Mukand for better employee engagement and development of Quality culture. Top Management not only gave learning opportunities but also empowered employees to achieve more. A lot of memories.

In 1998 we had TPM kick-off at Mukand. Mr Kavashima San from JIPM started training Managers and we were fortunate to get inputs on Jishu Hozen (JH/Autonomous Maintenance) from him. Usually, operator learnt only method of operation and maintenance person learnt only about the machine. When problem arised with the machine, operator called maintenance. Many process problems arise from machines. Jishu Hozen helped us to understand the role of a Machine Operator very clearly. JH aimed at making equipment competent operator, who should also be responsible for upkeep of their equipment to prevent it from deteriorating. The Key words being 'It's my machine I maintain it'.

Initially for six to seven months our team of Managers/officers were trained on the concept of Jishu Hozen. We as members of MANAGER MODEL MACHINE started Jishu Hozen (Autonomous Maintenance) on Bending Machine. I got an opportunity to lead this JH Team. The other members were Mr Parekar, Mr. Vikram, Mr. Nargundkar, Mr Sawant, Mr Shirke and Mr Gopal Swami, the factory head. We were working on the machine every day for half an hour for implementing JH during the workmen lunch hours.

We learnt Jishu Hozen very thoroughly by DOING JH step by step!. We started with the JH step 0 in which we underwent training required to start JH activities. We understood our role in JH activity. Maintenance Department helped us to understand Basic Construction of Machine, its schematic diagram & parts. Step zero made us understand meaning of 'Abnormality'(FUGUAI) – dirty, loose, hanging, leaking, splashing /spilling, broken, hardened, excess length/heat, vibration, corrosion, crushed, unwanted, missing, bent, holes, worn- out, abnormal noise, discoloration etc. We also understood the Safety Aspects of the machine. Materials required for 'Initial cleaning' – mull cloth, cotton waste, tool box, red & white tags, ladder, soap oil, kerosene, gloves, torchlight & lamp, video cameras, etc.



1998- JH Manager Model Machine Team in Action!



Aug'2020: Machine owner Mr Tushar Mayekar with Mr Deepak Salunke, Factory Head , Mr Rajendra Potdar & Mr Sameer

Steps in Jishu Hozen (Autonomous Maintenance):

Jishu Hozen is implemented in seven steps, starting with initial cleanup and proceeding steadily toward full Autonomous Management. It promotes the establishment of optimal equipment and process conditions.

Jishu Hozen Seven steps are

1. Initial Cleanup
2. Countermeasures against causes of Source of Contamination/ Forced Deterioration/inaccessible areas
3. Preparation of Tentative Standard for CLIT
4. General inspection
5. Autonomous inspection
6. Final Standardization
7. Autonomous Management

On Manager Model Machine we implemented JH Steps 1 to Step 3. Our priority was on abolishing environments that cause accelerated deterioration, reversing deterioration, and establishing and maintaining basic equipment conditions. We understood the goals of these steps are to get operators interested in their equipment and help them shake off their self-image as mere switch-flickers or button-pushers. In steps 4 and 5, team leaders teach inspection procedures to their members, and general inspection expands from individual equipment units to the whole process. The goals of these steps are to reduce failures and develop operators who thoroughly understand their equipment and processes. Steps 6 and 7 are designed to entrench and upgrade autonomous maintenance and improvement activities by standardizing systems and methods and extending the sphere of action from equipment to other areas such as stores, distribution, and so on. The ultimate goal of these steps is a robust organization and culture in which every workplace is capable of full Autonomous-management.

Step 1: Initial Cleanup:

The purpose of Step 1 is to understand the relationship between equipment defects and forced deterioration and to master the concept of "Cleaning is Inspection" and bring the equipment back to its basic condition. The goal of JH Step 1 of the autonomous maintenance was to raise equipment reliability through three activities: Eliminate dirt, dust, and grime, expose all abnormalities and Correct minor flaws and establish basic equipment conditions. Cleaning is a form of inspection in TPM. Its purpose is not merely to clean, but to expose hidden defects or abnormalities in equipment conditions.

Step 2: Countermeasures against source of Contamination/ Forced Deterioration /Inaccessible areas:

During Step 2, we involved operators in brain storming to devise effective improvements. When equipment gets dirty again soon or the level of cleanliness attained through initial cleaning cannot be maintained, operators typically feel compelled to do something about it. In other words, they become improvement conscious. They begin to think of ways of controlling leaks, spills and other contamination sources. They also try to maintain the basic equipment conditions established in Step 1, but find it takes an intolerable amount of time and effort. They become uncomfortably aware of hard-to-reach places and source of contamination and feel obliged to think about improving their accessibility and stopping of contamination. The goal of Step 2 is to reduce the time it takes for cleaning, checking, and lubricating by introducing these two types of improvement.

Step 3: Tentative Standard:

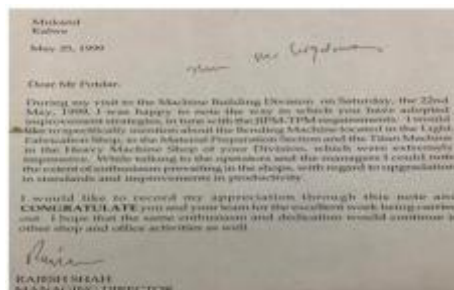
We prepared tentative standard (CLIT) to ensure Cleaning, Lubrication, Inspection and Tightening. Do Kaizen to shorten the timings and develop visual controls. We understood how to develop and improve inspection standards (Tentative Standards).

Thus by doing first three steps of Autonomous Maintenance we could maintain Equipment in Basic Conditions. Post JH Step 3 clearance we handed over Bending Machine to Mr. Mayekar/Mr. Kulkarni. In 1999, We gave JH step 4 Knowledge to Mr Mayekar. I remembered there was an appreciation letter from Hon'ble MD Mr. Rajesh Shah written to me for the achievement of our team which I had kept with me till date. Operator continued JH activities for last 21 years and sustained Basic Conditions. Mr. Mayekar says his relation with the equipment is like a mother and Child.

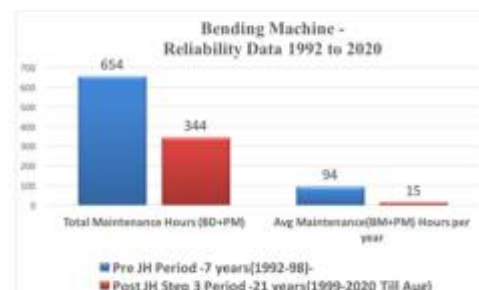


1997 (BEFORE JH)

1999 (AFTER JH)



1999(TOP MANGEMENT APPRECIATION)



Aug'2020 : Best example of Autonomous Maintenance Basic Conditions Sustained for last 20 years and ZERO BREAKDOWN for last two years

From this success story we can conclude that, JishuHozen (Autonomous maintenance) helps to achieve:

- Develop ownership concept.
- Prevent equipment deterioration through correct operation and daily checks
- Bring equipment to its ideal state through restoration and proper management
- Establish the basic conditions needed to keep equipment well-maintained
- Eliminate breakdowns due to forced deterioration & miss – operations
- Make inspection/ Operation & maintenance task easy by improving hard to access areas & establishing visual control

As an Operator, Mr Tushar Mayekar has performed JishuHozen consistently for more than 20 years and he is one of the best examples of Operator ownership of equipment. MrTushar is also a member of Quality Control Circle for many years. Mukand has empowered its employees by providing continual support and encouragement in their improvement journey. This JH Case study is one of the unique case studies in the history of TPM in India.



MAZAGON DOCK SHIPBUILDERS LIMITED, MUMBAI.

GANAJI QUALITY CIRCLE PRODUCTION SHOP (S.Y.)



GAURAV THAKKAR
(FACILITATOR)



MANALI SALGAONKAR



PALLAVI MORE



SUNIL SHINDE



AJIT S VEER



TEJAS BHANDIRGE

MDL started its QC movement in 2004 and Ganaji Quality Circle started its journey on 4 October, 2008.

Mr. Gaurav Thakkar and Mr. Ganesh Pawar were instrumental in founding Ganaji QC and Ganaji QC team has been doing the exceptional work since 2008 using QC Methodology in their routine jobs.

"GANAJI" name to Quality Circle was given by Mr Anil T Lohar, who was the first leader of core team. Mr Sandeep S Sarang played a pivotal role in developing solutions to problems, which later on have been patented by MDL.

Ganaji QC has participated in 12 Chapter Conventions, 10 National Conventions and 04 International Conventions. Team has always received highest awards (GOLD) in chapter conventions and 09 Par-excellence awards in National conventions. QC Team participated in 04 ICQCCs and achieved highest Award in 03 conventions. Ganaji QC team is the first team in MDL to participate in ICQCC for 03 consecutive years during 2012,2013 &2014.

QC Team won 'BEST of BEST' award in CCQC -2014 and 'BEST CASE STUDY' award in CCQC-2020.

In the year 2015, QC Team was empowered by two female members. Ms. Manali Salgaonkar & Ms. Sneha Dhanavade efficiently and effectively filled the boots of experienced team members after their retirement.

Apart from QC Presentation, Ms. Sneha Dhanavade won 1st prize in Essay Competition in CCQC-17 and won 2nd prize in Poster Competition in CCQC-2018.

QC team had overcome many challenges in last 10 years. Some of the major challenges were convincing other operatives about benefits of implementing QC concepts, Learning the technique of real time data collection to arrive at impactful solutions and learning to develop presentation skills at International Level.

Apart from implementing 36 Solutions to problems using QC Methodology team has developed 23 Kaizen in Production Shop. Implementation of Solutions and kaizen has resulted in cost savings of approx. Rs. 1 Crore till date.

Ganaji QC is continually improving their performance to benefit MDL and self-development. Ganaji QC has also become a role model for potential QC members of MDL.

'SWARAJ' QUALITY CIRCLE'S SUCCESS STORY

'SWARAJ' Quality Circle completed its 22 years of consistent functioning, which is a record in itself. The Circle was established on 24th July 1997 i.e. in the 50th independence year, so it was named as Swaraj Quality Circle inspired by the powerful slogan given by Lokmanya Tilak, "Swaraj is my birth right and I shall have it". The path towards functioning was not so easy right from the beginning as departmental colleagues were not supportive since they had no clear idea of the concept. Even after facing many internal and external problems the Circle kept moving maintaining its consistency. As years passed, though there were changes in the members, the new members became capable enough to apply new methods of solving problems and presentation skills by experience. Inspired by the successful functioning, 12 new Quality Circles in the plant/department were formed and it was a proud moment when MathadiKamgars approached voluntarily and 3 of their circles were formed after giving them systematic exposure and training. Soon with training and handholding by Swaraj these circles also qualified to present their case studies in the Organization's Annual Conventions. From 2005-2008, Swaraj QC received "Best Quality Circle Award" in their Companywide Quality Concept Annual Convention. Every year Swaraj QC participated in the Chapter Conventions and got selected for the National Convention. It made its appearance in the skit competition at NCQC too and won the Best Skit Performance Award. Swaraj QC participated in ICQCC – 2015 at Bangkok, Thailand and was honored with Gold Award. In the past 22 years of successfully participation the circle had solved and presented 98 case studies till date. RCF Ltd. has also honored it with QCFI life membership. Even when the QC movement in RCF faced setbacks 3 times, Swaraj Quality Circle had taken a lead in restarting the moment. In the present year CCQC-2020, Swaraj QC has received the highest award of the year, i.e. "Best of the Best QC Case Study Award" from Mumbai Chapter. Swaraj QC members are thankful to QCFI Mumbai Chapter, RCF management and IE department and all others who have contributed to the BIG success, which could not have been achieved alone.



Chandrasekhar Singh

Leader, Swaraj Quality Circle
Bagging & Material Handling Dept.
RCF Ltd, Chembur, Mumbai.

Jishu Hozen (Autonomous Maintenance): A Success story in JSW Steel Dolvi

It was a proud moment for the JH team of MOS 1700 from JSW Steel Dolvi, to receive the best case study award (OC) in CCQC 2020 ,Mumbai chapter. The plant is located near Mumbai & has a capacity of 5 million Tons per annum.

In a Steel industry it is always a challenge to find time for maintaining the equipment which are continuously running in hot & dusty conditions . The MOS 1700 in Hot Strip Mill at JSW steel Dolvi, is a 22 year old equipment & is responsible for oil lubrication of the bearings of the rolls of stands. Shortage of time for maintenance of the system was resulting in stoppages of the equipment every month.

In order to improve the reliability of the system, it was decided to initiate JH activities for bringing the equipment to its basic condition & maintaining the same with CLIT activities. Team decided to follow JIPM 7 step methodology for the same. The activities were initiated in 2017 and with the continuous effort of the team, in a span of 2 year JH Step-3 level was achieved. In this journey the team implemented 36 Kaizens in the equipment and prepared 49 OPL for enhancement of equipment knowledge of the members. The CLIT time was reduced by 60 % which helped in sustaining the JH activities. As a result of the same magical target of Zero failure was achieved.



Team MOSS-1700

Shailesh Gurav, Nikesh Upadhyay, Shrikant Dedge



The implementation of JH in our Equipment as not only eliminated the breakdown but it also give us confidence to accept a higher degree of challenges, and we are thankful to QCFI Mumbai chapter for providing us a platform to showcase our efforts and in boosting the moral of our team

Mr. Ranjeet Yadav
JH Facilitator CSP Mill
JSW Steel Dolvi

CSR Activities carried out during July to September 2020 (Lockdown period due to Corona Pandemic) by QCFI life members

➤ **Family expenses sponsored during lock down period:**

Many of the families who were in well to do conditions at normal times have no income during the lockdown period. Their culture and position in the society not even allows them to ask for help from anyone. Such families have been identified and help is sought. Shri. Rajendra Potdar, Vice chairman of QCFI Mumbai Chapter donated/sponsored for two such families on 7th and 11th July 2020 during the lockdown period. By this sponsorship the family is provided with grocery and all such basic needs for a month. The cheque for sponsorship was handed over to Shri. Madhva Sangh, Panvel of ParamShantidhamBudhashram Trust in Panvel.



➤ **Grocery to Cancer patients:**

Outstation cancer patients who have come for treatment to Tata Memorial Hospital have no mode of transport. Thus, though the treatment is going on slow pace, the basic needs still have to be looked after. To help with this issue a grocery distribution was organized and the provisions made were of great use. The provision of grocery was organized by Henry Samuel, Jt. Sec. QCFI, Mumbai Chapter along with support of CST (NGO) and with help from QCFI life members.



➤ **Mask and Sanitizer distribution for staff of JET hostel (quarantine center):**

As number Covid19 cases are increasing there is also need for taking care of the staff, who are working at places used as quarantined areas. The canteen, conservancy and other office staff in the area are more prone to the disease. It is necessary for them to take utmost protection. Use of face mask is one of the primary requirements which have been made mandatory. Mrs. Leena Pai (Chairman QCFI Thane Sub- Chapter), Mr. Mahesh Bhoir (Secretary, QCFI TSC), along with few QCFI life members provided face mask and sanitizers to these staff and counseled them of their importance.



➤ **Bedding items for cancer patients:**

The outstation residing patients along with their families in the Cancer Patient Care Center do not have their own assets as they are here away from home only for treatment. Most of the time their basic needs get ignored in the stress of the long treatment unless someone comes for help. After having arranged groceries in the last four months during lockdown need was felt of providing them with new clean bedding material. It was made possible with help from Miss. Anushka, daughter of Shri. Kailash Ramgoankar, who celebrated her 18th birthday by extending her helping hand and sharing her joy with these patients. Miss. Anushka, known for her talents and hard work has scored 90.92 % in her SSC exam and we wish her the best in designing her future. Shri. Padmakar Bhosale also shared sweets with these families



on the occasion of his birthday. Shri. Kailash Ramgoankar and Shri. Padmakar Bhosale have always been active organizers in our QCFI CCQC every year. There is nothing more satisfying then sharing what we have and making others smile in happiness. Henry Samuel, Jt. Sec. QCFI, Mumbai Chapter along with members of CST (NGO) coordinated the event.

➤ **Donation to old age home:**

All NGOs are facing a problem in getting donations especially in the lockdown period. This is also true with the Old Age Homes, which functions mainly on donations received. It is necessary that we take care of the senior citizens who are there in the old age homes due to unavoidable situations. Realizing the need, Shri. Rajendra Potdar (Vice chairman of QCFI Mumbai Chapter) and Shri. S. Karkun (Vice president Taloja industries Association and Chairman of MadhvaSangh, Panvel) visited ParamshantidhamVrudhashram at Taloja to spend time with the senior citizens. They also donated Grocery items like edible oil, Jaggary, Sugar, etc. which could be of use to them for their daily need.



➤ **Donation to Orphanage children:**

Donations had not been coming to NGOs during the pandemic lockdown conditions. Similar is the case with Orphanage Homes, which functions mainly on donations received. It is necessary that we take care of the orphan children in the orphanage homes with no choice. Realizing the need Shri. Rajendra Potdar, Vice Chairman of QCFI Mumbai Chapter and Shri. S. Karkun (Vice president Taloja industries Association and Chairman of Madhva Sangh, Panvel) visited Balgram Maharashtra (Orphanage home) to spend quality time with the young orphan children. They also gave some donations, which would be of use to take care of their daily needs.



➤ **Fruit basket distribution to cancer patients:**

During the festive season of Ganapati and being a remarkable day due to the additional celebration of Onam on 31st August 2020 a programme was organized for the outstation cancer patient. Onam is celebrated with joy and enthusiasm symbolized by boat race, fock dance and good traditional food too. Thus, on this day, it was decided to provide fruits to the outstation cancer patients at Youth Council in RCF colony and at Shraddha Foundation in Chembur camp. With help and support from Shri. S. M. Kaloti (QCFI life member) and family it was possible to provide them with fruit baskets. The programme was organized by Henry Samuel, Jt. Sec. QCFI, Mumbai Chapter along with members of CST (NGO) and with help from QCFI life members.



➤ **Sanitary pads and sanitizer for cancer patients:**

World Nutrition week starts from 1st September. The message being, we could pledge to give some good nutrition food or eatable to the needy. On this day it was decided to provide nutritious variety eatables to the outstation



cancer patients at Youth Council in RCF colony and at Shraddha Foundation in Chembur camp. With help and support from Smt. Vaishali Kamble it was not only possible to provide eatables but also sanitary pads to ladies patients and sanitizers bottles to all. Thus, the day was celebrated helping the needy, which is the need of the hour these days. Thanking the help providing warriors for being an inspiration to others. Henry Samuel, Jt. Sec. QCFI, Mumbai Chapter along with members of CST (NGO) and with help from QCFI life members organized the programme.

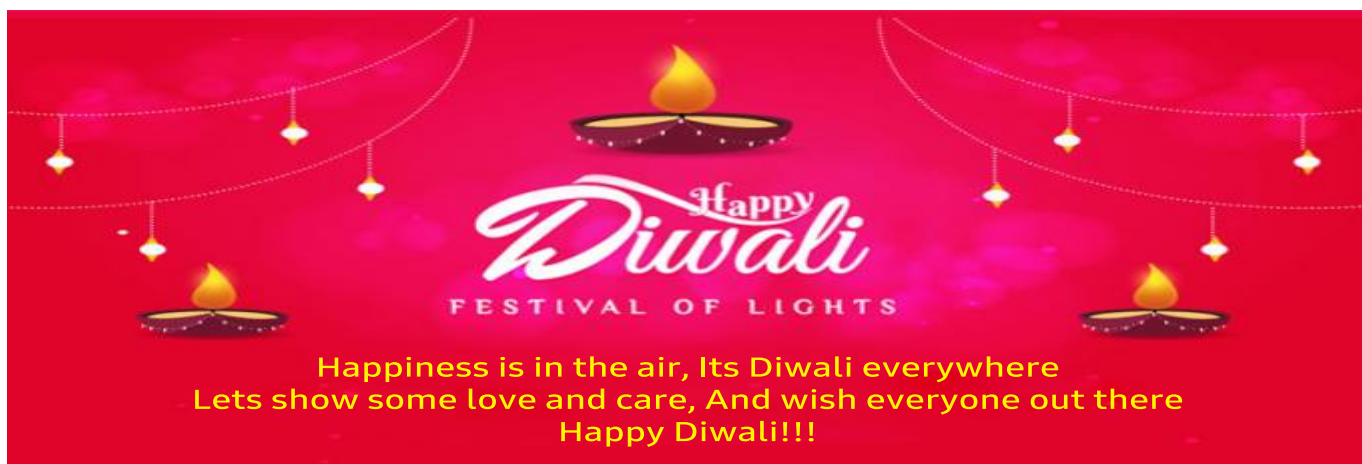
➤ **Teacher's day celebration:**

On the occasion of teacher's day i.e. 5th September 2020 all the local teachers gathered and celebrated teacher's day maintaining social distancing. New Standard rules and practices were explained by Smt. Suvarna Bhendre (Social worker) to the teachers for conveying it to the students. Teachers who had performed extremely well even in the lockdown period adapting new systems of online teaching with new innovations were appreciated and their success story shared. Mrs. Leena Pai (Chairman QCFI Thane Sub- Chapter), Mr. Mahesh Bhoir (Secretary, QCFI TSC), along with few QCFI life members organized the program with great success.



➤ **Felicitation of police staff for their role during lockdown:**

During the lockdown all were cautioned to take enough precautions to safe guard themselves. But even at these times there were people involved in essential services risking their lives. On such department is the police department. Even among them it was the ladies police staff, who in spite of their family concerns, were putting in their best to maintain law and order in the city. Mrs. Leena Pai (Chairman QCFI TSC), Mr. Mahesh Bhoir (Secretary, QCFI TSC), along with few QCFI life members organized a felicitation program for such selfless staff on 15th September 2020. Smt. Vaishali Kamble, Secretary, Sai Education Trust did the honor of felicitating as chief guest on the occasion at Cheeta Camp Police station, Mankhurd, Mumbai.



Published by : The Secretary,
Quality Circle Forum of India - Mumbai Chapter
 Tel. : +91 22 2847 0479 • E-mail : qcfimc@yahoo.co.in
 Website : www.qcfimc.com