



Quality Circle Forum of India

Kanpur-Lucknow and Varanasi Chapter Convention on Quality Concepts (KLV-CCQC 2020)

Organised by QCFI HQ

Theme : Developing self-reliant India through Quality Concepts

Last date for
Registration

10th September ' 20

Result / Award

25th Sep. ' 20

e-Certificate for
Participation

30th Sep. ' 20



Invitation

We are pleased to inform you that the Executive Board of QCFI has taken the decision to merge the Kanpur Chapter and Lucknow Centre in the BOD-154 held on 19th July 2020. The chairperson and Members of Governing Council of Kanpur-Lucknow Chapter and Varanasi Chapter have great pleasure in jointly extending a cordial invitation to participate for an online chapter convention on Quality Concepts.

THEME: "Developing Self Reliant India thru Quality Concepts."

QCFI has been spreading the Quality movement with the active support of our Institutional members for more than 37 years. Now we have recently merged Kanpur Chapter with Lucknow Centre with its head office at Lucknow. Our KL Chapter is celebrating its 1st Annual Convention jointly with Varanasi Chapter through online participation.

Our Quality Circle convention gives an opportunity to the organization and its employees to showcase their achievements. We request all our individual and institutional members to participate to avail maximum benefits from this great event of CCQC-2020 convention and make it a grand success. Selected case studies will be recommended for the forthcoming NCQC-2020. As per board decision, this year, all the organizations are requested to send their case studies to their respective chapter only. If the case studies sent to other chapters will not be accepted in NCQC-2020.

Dr. (Mrs.) Vineeta Kamran
Director - QCFI

Dr. Ashok Rai
Vice President - QCFI

Mr. Shailendra Kumar
Co-ordinator

Dr. A.M Chakraborti
Co-ordinator

FEATURES OF JOINT KLV-CCQC 2020:

- ☞ Scanned copy of the case studies PPT with necessary descriptions wherever required to be sent for evaluation. Case studies to be submitted in pdf through qcfi HQ portal.
A total of 100 marks will be adjudged on the case study of the soft file only. The circle will be allowed to interact with the Judges to know their shortcomings so that they can rectify the same and send to HQ for the evaluation for NCQC-2020.
- ☞ Award categories shall be decided based on case studies only, no online presentation of the case studies will be done. Digital Certificates for awarded teams will be given and no physical trophies will be distributed this year.
- ☞ Bronze Award: Teams scoring below 50%
- ☞ Silver Award: Teams scoring between 50% to below 60%
- ☞ Gold Award: Teams scoring 60% and above.

Any of the circle who is not allowed to participate in NCQC-2020 due to Bronze award will be allowed to send their case study after modification for re-evaluation. Such a circle may be recommended after seeing the improvements. Evaluation Criteria is enclosed for your reference.

ELIGIBILITY TO PARTICIPATE:

Only QCFI member organization can participate. If any organization has not yet renewed their membership or want to apply for new membership please visit our web site www.qcfi.in for online registration of membership.

Case studies should pertain to the period Sep 2019 to August 2020. Case studies not pertaining to this period can be presented provided they have not been presented at any Chapter/ National Conventions.

LAST DATE FOR SUBMISSION: 10th September 2020

ONLINE REGISTRATION PROCESS:

☞ Teams related to Kanpur-Lucknow chapter & Varanasi Chapter are requested to register their case studies with QCFI-HQ portal at <https://qcfi.in/qcfihq>

Login using your organizational QCFI membership and click on CCQC link on dashboard to participate in your respective CCQC 2020

☞ Login through your organization membership credentials to register.

All Payment to be made through online RTGS/NEFT to QCFI-HQ, SECUNDERABAD-Axis Bank Account only.

FEES: Rs 5000/- including GST for each case study submitted.

BANK DETAILS:

BANK : AXIS BANK, Tarnaka Branch-Secundrabad-AP-500003
ACCOUNT No : 912010049263067
IFS Code : UTIB0000027

OFFICE ADDRESSES & CONTACT PERSONS:

QCFI-HQ

Mr. RAVI KUMAR- Mobile : 9391647969

306, 3rd Floor, Navketan Chambers, Opp. Clock Tower, 62, S.D.Road.
SECUNDERABAD-500003

**Quality Circle Forum of India
KANPUR-LUCKNOW CHAPTER**

Mr. SHAIENDRA KUMAR

Mobile : 9873912895

E-1452, Omaxe City, Near Bijnor Road.
LUCKNOW-226025 **Uttar Pradesh**

**Quality Circle Forum of India
VARANASI CHAPTER**

Dr. A.M CHAKRABORTI

Mobile : 9451327890

8, Kamla Nagar (Behind Siga Police Station),
Siga, VARANASI-221010 **Uttar Pradesh**

EVALUATION CRITERIA OF QUALITY CIRCLE CASE STUDIES

PROBLEM SOLVING STEPS	MARKS	TOTAL
1. IDENTIFICATION OF WORK-RELATED PROBLEMS (UNSOLVED)		
up to 19	1	5
20-29	2	
30-39	3	
40-49	4	
50 and above	5	
2. SELECTION OF THE PROBLEM		
A,B,C Categorization of the problems	1	5
Priority/Ranking Method	2	
Base used for Priority/Ranking	2	
3. DEFINE THE PROBLEM		
Milestone chart proposed	1	10
Flow diagram/pictorial diagram of the process	2	
Description of the problem with Labelled Diagram or Detailed Flow Diagram or any other creative way	5	
Objectives	1	
Goals/Target	1	
4. ANALYSIS OF THE PROBLEM (MEASURE THE PROBLEM)		
To see that required data/verbal data given for 4W+ 1 H Each W and H may have 2 marks (in case of allied 4 marks). H may be considered as how much also.	10	10
5. IDENTIFICATION OF CAUSES AND PROBABLE ROOT CAUSES		
A. Circle up to the age of two years may use Dispersion Analysis Type. B. Circle above the age of two years should use Cause Enumeration Type or Production Process Classification Type. By using Dispersion analysis type, they will be given marks out of 5		10
Proper Headers	2	
Causes. Sub-Causes, Sub-Sub Causes etc	5	
Marking/Listing the Probable Root Causes	3	
6. ROOT CAUSES ANALYSIS (CAUSES EFFECTING TO THE PROBLEM)		
by Use of appropriate method Specification vs Actual, GEMBA, Why-Why Analysis etc	5	5
7. DATA ANALYSIS (VALIDATION OF ROOT CAUSES)		
Collection of appropriate data for the validated root causes	5	10
Pareto diagram to know vital few and useful many causes, Stratification, in case of study is related to variation in process or product use Scatter Diagram, Histogram, Control Chart or any other graph or chart useful for analysis of data	5	
8. DEVELOPMENT OF THE SOLUTION		
Minimum number of developed solutions may be 5.	10	10
PROBLEM SOLVING STEPS		
9. FORESEEING PROBABLE RESISTANCE		
Minimum number of probable resistances should be 5 along with the solution of identified probable problems.	5	5
10. TRIAL IMPLEMENTATION AND CHECK PERFORMANCE		
Use of PDCA	5	15
trial implementation	5	
Check performance	5	
11. REGULAR IMPLEMENTATION		
Present status	5	10
Overall gains- Tangible and intangible gains	5	
12. FOLLOW UP AND REVIEW		
Before and after activity chart	1	5
Follow up system developed	2	
Review results	2	
Total		100

EVALUATION CRITERIA OF ALLIED CONCEPTS- LQC, KAIZEN, SMED ETC

STEP	MARKS	TOTAL
1. SELECTION OF PROBLEM		
By any appropriate method like Pareto Analysis, Pareto priority index, SMART analysis etc. In case of problem given by Management or instant problem taken or problem taken from problem bank, please mention (2 marks) and give the reason (3 Marks)	5	5
2. DEFINE THE PROBLEM		
Using Flow Diagram, Setting of Objectives and Target	15	15
3. MEASUREMENT OF PROBLEM/PROBLEM ANALYSIS		
Understanding the problem by collecting Past/current Data related to problem (Using 4W – 1H, Stratification and any other appropriate tool)	20	20
4. FIND OUT PROBABLE CAUSES AND ROOT CAUSE		
Identifying probable causes, root causes by validating based on data and analysis of causes	20	20
5. DEVELOPMENT OF THE SOLUTION		
Developing Solutions, Using SCAMPER (Substitute, Combine, Adapt, Modify - also magnify and minify, put to another use, Eliminate, and Reverse), Trial Implementation and Final Implementation	30	30
6. FOLLOW-UP AND REVIEW		
Current status, Standardisation, Horizontal Deployment	10	10
TOTAL	100	100

EVALUATION CRITERIA OF SIX SIGMA CASE STUDIES

STEP	MARKS	TOTAL
1. DEFINE		
Business case/Voice of customer	5	20
Project charter	10	
SIPOC	5	
2. MEASURE		
Performance measures	7	15
Key Process parameters	4	
Key product parameters	4	
3. ANALYSE		
Identification of causes/Cause & Effect diagram	10	25
Validation of causes	5	
Identification of root causes	5	
Data collection/validation of root causes	5	
4. IMPROVE		
Creative solutions	15	25
Design of experiments/ Hypothesis testing	10	
5. CONTROL		
New/Up-dation of standards	5	15
Results/benefits	10	
TOTAL		100

EVALUATION CRITERIA OF SAFETY CIRCLE CASE STUDIES

1. A Safety related project of a Quality Circle participating in CCQC will be evaluated as per the Evaluation Criteria of Quality Circle case studies (12 Step Problem Solving Process)
2. In case, a project is taken under Lean Safety Circle (LSC), may be by the QC team (not through Quality Circle method of Selection of problem), and LSC team is formed, this will be evaluated as DMAIC method as in case of LQC.

EVALUATION CRITERIA 5-S – WORKPLACE MANAGEMENT

In case team has taken any specific problem on 5-S and solve it they must follow DMAIC method and evaluation will be done accordingly given above.

In case some Unit/Zone/Zones/Sub Zone/Sub-sub Zone has done excellent implementation of 5-S and management want to nominate the team for the presentation, use following Evaluation Criteria for such case studies.

STEP	MARKS	TOTAL
1. INITIAL EFFORTS		
5-S organization structure	3	15
Initial Photographs	5	
Steps taken in zone/Sub zone before going for 1 st S	7	
2. ACTIVITIES OF HOUSE KEEPING		
Implementation of 1 st S	10	20
Implementation of 2 nd S	5	
Implementation of 3 rd S	5	
3. IMPLEMENTATION OF 4TH S		
Development of standard practices	5	10
Follow-up of standard practices	5	
4. AUDIT SYSTEM		
Self-audit system	5	15
Management audit system	10	
5. STATUS OF 5-S IMPLEMENTATION		
Before/After Photographs	5	25
Tangible/intangible gains	10	
Status of Jagruti group	5	
Status of 5-S home	5	
6. FOLLOW-UP AND REVIEW SYSTEM		
Management actions for sustenance and growth of 5S	10	15
Special activities	5	
TOTAL		100