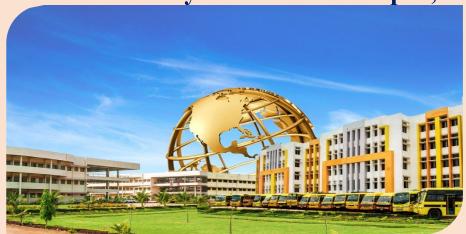# QCFI, BHILAI CHAPTER
(CCQC-2025) (Phase-II)

16th Chapter Convention on Quality Concepts

at

Shri Shankaracharya Technical Campus, Bhilai

11th & 12th October 2025

Theme

"Quality concepts for Atma Nirbhar Viksit Bharat"

Organized by:
Bhilai Chapter
Quality Circle Forum of India

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16th Chapter Convention on Quality Concepts

Invitation

Dear Quality Fraternity & Practitioners,

Quality Circle Forum of India has great pleasure in inviting all the individual life members and member organization for the 16th Chapter Convention on Quality Concepts (CCQC-2025) scheduled to be held physically, on **11th and 12th October 2025** at Shri Shankaracharya Technical Campus, Bhilai, CG. respectively.

Quality Circle Forum of India (QCFI), Bhilai Chapter started in the year 2010, under the umbrella of QCFI – A National, Non-Profit, Registered Society, established in the year 1982, is engaged in the propagation of philosophy and implementation of Quality Concepts across the country along with its 34 Chapters, situated at all over India.

This year convention theme is *"Quality concepts for Atma Nirbhar Viksit Bharat"*

Today, Total Employee Involvement is the key to success, for sustaining the Quality Concepts with integrated approach to Total Quality for Performance Excellence in all the fields. QCFI is dedicated to contribute its knowledge and experience to develop skill in the nation for success through people participation and that is the pathway to overall success.

K K Singh
Chairman, Bhilai Chapter

G P Singh
Vice President, QCFI

1. **Case Study Presentation on Quality Concepts**

A Case study will be evaluated digitally. The official language for Case study will be in Hindi or English. There would be separate evaluation criteria for each concept. Case study will be accepted for the following category:

Quality Circle	**Lean Quality Circle**	**Kaizen**	**WCM Circle**
Six Sigma Concepts	**Integrated Safety Circle**	**5-S Concept**	**TPM Circle**

Quality Circle Forum of India has decided to upload detailed case study online in PDF format, for pre-evaluation latest by **1st October 2025** for participating at Bhilai. The size of the case study in PDF should be below 20 MB. Organizations willing to participate in INTEGRATRD SAFETY CIRCLE are requested to refer the attached guidelines, released by QCFI.

Case Study should be uploaded directly to www.qcfibhilai.in or can be mailed to ccqcbh@gmail.com in case of problem in website.

2. **Case Study Oral Presentation: (Physical)**

The official language for presentation will be in Hindi or English. Team should have their own power point presentation either in Hindi or English and time limit will be 15 minutes. Presentation of allied concept and Integrated Safety Circle will be conducted in separate hall and there would be separate evaluation criteria for each concept. Oral presentation of the PPT needs to be uploaded **on or before 10th October 2025.** (Optional)

3. **Knowledge Test (KT) (Physical)**

Knowledge Test for CCQC-2025 will be conducted in physical mode only. Knowledge test is compulsory for all teams. The knowledge of the participants will be evaluated based on concepts chosen by the Quality Concepts team. For this, the questions will be asked on QC, 5S, allied concepts and Integrated Safety Circle, based on the category of your participation in the convention. Duration of the test will be of 25 minutes. For Integrated Safety Circle, 4 Questions will be asked from Problem Solving Tools & Techniques (PSTT) and 16 questions from General safety. Reading material for Integrated Safety Circle can be downloaded from websites Similarly reading manuals for other concepts can be purchased from QCFI. **Only Facilitator of Integrated Safety Circle is allowed to participate in KT & Presentation.**

Questions will be of multiple-choice question (MCQ) type. Question banks can be downloaded from website after your registration is completed for ISC. In Knowledge test for Quality Circle and Integrated Safety Circle, minimum three persons should attempt and average marks will be considered for evaluation. For other allied concepts, minimum two persons can attempt for Knowledge test and average of two will be considered.

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4.   Essay/Poem/Slogan Competition

To encourage the creativity among the members, various competitions are being organized like Essay, Slogan and Poem. An essay competition will be conducted on the theme of the convention CCQC-2025. The essay should be with-in 500 words. Interested QC members shall mail their entries in Hindi or in English (with your name and address) at ccqcbh@gmail.com; **latest by 4th October, 2025**. Winners will be given certificate, and a memento to those who attend the convention during inaugural function. Result will be declared by **8th October 2025** and winners will also be informed through email/ SMS.

Exclusive services offered by QCFI, Bhilai Chapter for CCQC-2025 are:

1. Conducting CCQC-2025 in highly professional manner so that teams recommended from Bhilai Chapter may able to get Par Excellence/Excellence Award during NCQC-2025.

2. Improvement is a continual journey and the Analysis of Chapter revealed that performance of many QC teams affects due to poor scoring in Knowledge Test (KT). Keeping this in mind, Bhilai Chapter has introduced that as soon as you register for convention, you will be eligible to down load the question bank. All the question will be asked from the question bank only.

3. Judges Feedback on Case Study along with suggestion for further improvement is also an innovative feature.

Final Program at a Glance:

a) Each Team should submit their case study online only. No Hard Copy will be entertained.
b) Knowledge Test will be conducted in Physical Mode only.
c) Oral Case Study Presentation will be conducted in Physical mode only.
d) Case Study Feedback will be provided on-line only along with contact person's name for further clarifications.
e) Award will be given as per criteria given below:

   i.   The Circles who score less than 60% will be awarded Bronze Medal
   ii.   The Circles who score between 60% and 70% will be awarded Silver Medal
   iii. The Circles who score 70% and above marks will be awarded Gold Medal

Only Gold/Selected Silver winning teams will be recommended for participating during NCQC-2025 to be held at New Delhi from 19th to 22nd December 2025.

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Tentative Programme schedule

TENTATIVE PROGRAMME	DATE	Time (Tentative)
Knowledge Test	10th Oct 2025	03:00 PM
Registration	10th Oct 2025	03:00 PM to 05:30 PM
Registration	11th Oct 2025	07:30 AM to 04:00 PM
Inaugural session	11th Oct 2025	09:00 AM to 10:00 AM
Case study presentation & KT	11th Oct 2025	10:30 AM to 02:30 PM
Valedictory Session (Award Distribution and cultural Program)	11th Oct 2025	05:00 PM to 07:30 PM
Registration	12th Oct 2025	07:30 AM to 09:30 AM
Case study presentation & KT	12th Oct 2025	09:00 AM to 02:30 PM
Valedictory Session (Award Distribution and cultural Program)	12th Oct 2025	05:00 PM to 07:30 PM

Information/Guidelines/Rules for participation in Convention

1. Please send your nomination in the prescribed Form**-1 & 2** together. (Attached in email)

2. Last date for Registration: **30th September 2025** for participating.

3. **Nomination** should be submitted in Registration **Form-1.** Filled Scan Copy of **Form-1** is accepted; however, **Form-2** is required in **Excel format** (to avoid any typing mistake for preparing certificate). Certificates will be prepared as per **Form-2**

4. Soft Copy of the case study & Presentation shall be uploaded directly to www.qcfibhilai.in; or can be e-mailed directly to ccqcbh@gmail.com

5. All communication can be done on ccqcbh@gmail.com

6. Front page of the case study should have the following details:
   a) Name of the organization
   b) Name of the team
   c) Name of the team Members
   d) Title of the case study
   e) Category (Viz, QC, Kaizen, 5-S, Six-Sigma & Integrated Safety Circle etc.)

7. 50% discount for students, if their institute is having institutional membership.

8. Recommendation for attending NCQC-2025 will be sent after receipt of participation Payment.

9. Individual participation certificate, Award memento for team along with Certificate and token gift will be given for motivation of team members.

10. If any organization qualified for multiple discounts, only higher discount will be applicable.

CCQC-2025 Evaluation Criteria, Bhilai Chapter

SN.	Description	Max. Marks
1	Case Study in all concepts	100
2	Oral Presentation	50
3	Knowledge Test	50
	Total Marks	**200**

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Evaluation Criteria for Quality Circle

Steps	Description	Max Marks
1	Identification of Problems	5
2	Selection of Problem	5
3	Define the Problem	10
4	Analysis of the Problem	10
5	Find out Causes	10
6	Root Cause Analysis (Identification through validation)	5
7	Data Analysis on the root Causes	10
8	Development of Solution through brainstorming	10
9	Foreseeing Probable Resistance	5
10	Trial Implementation & Check Performance	15
11	Regular Implementation	10
12	Follow-up and Review	5
	Total Marks	**100**

Evaluation Criteria for other allied concepts

Steps	Problem Solving Steps	Max. Mark
1	Selection of the Problem	5
2	Define the problem	15
3	Measure the problem	20
4	Analysis	20
5	Implementation	30
6	Follow up and Review	10
	Total Marks	**100**

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Evaluation Criteria for Integrated Safety Circle

Evaluation Sheet for Integrated Safety Circle Case Study for CCQC & NCQC

Team Steps	Description	Project Type Max Marks Lead	Project Type Max Marks Lag
Step-1	Identification of Hazard and Risk associated with them (Each complete filled row will deserve 0.4 marks).	25	25
1A	Recording of unsafe act and conditions with risk associated with them along with action taken for elimination as per format. Each complete filled row will deserve 0.4 marks subject to (maximum 20 marks). First 50 observations will only be considered for evaluation purpose, rest can be segregated and shown either in Tabular or Graphical form.	20	20
1B	Observation = UA/(UA+UC) ≥ 75% = 5 Marks / =50% ≤ UA/(UA+UC) < 75% = 3 Marks/ =25% ≤ UA/(UA+UC) < 50% = 2 Marks / =5% ≤ UA/(UA+UC) < 25% = 1 Marks =UA/(UA+UC) < 5% = 0 Marks	5	5
Step-2 (D)	Defining and selection of Problem	9	9
2A	Selection of Problem	2	2
2B	Planning with the help of Gannt or Mile Stone Chart	2	2
2C	Define the problem with the help of Flow diagram and description supported with photos etc.	5	5
Step-3 (M)	Measure the problem by ascertaining the facts (Human, Physical, Systemic) and 4W + 1H	19	21
3A	Physical Factor (facts with details)	4	4
3B	Human Factor (facts with details)	4	4
3C	Systemic Factor (facts with details)	4	4
3D	Approach for ascertaining the fact	2	2
3E	4W + 1H	5	5
3F	Develop The Chronology (for Incident)	0	2
Step-4 (A)	Analysis	25	25
4A	Physical	5	5
4B	Human	5	5
4C	Systemic	5	5
4D	Approach & logic to find out root cause (systemic) with the help of Tree diagram / Cause & Effect diagram.	5	5
4E	Validation of Root Causes	5	5
Step-5 (I)	Improve [Solution development and Implementation]	13	11
5A	Recommendation and developing solution and implementation action plans	5	3
5B	Record & communicate (After Approval granted)	2	2
5C	Implementation of solutions using PDCA	2	2
5D	Comparative milestone chart	2	2
5E	Assess Gains [Tangible/Intangible]	2	2
Step-6 (C)	Control [Review by using appropriate tools]	9	9
6A	Follow Up and Review	2	2
6B	Training	2	2
6C	Check List	2	2
6D	Standardization / Documentation	2	2
6E	Before and after Comparison	1	1
	Total Marks	**100**	**100**

Note- 3.0 bonus marks, if contractor worker is included in the team, subject to maximum marks will not exceeding 100.

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Evaluation Criteria for 5-S

Steps	Description	Max Marks
1	Initial Efforts	15
2	Activities for work place management	20
3	Implementation of 4th S	10
4	Audit System	15
5	Status of 5-S Implementation	25
6	Follow-up & Review System	15
	Total	**100**

CCQC-2025 Registration and Fee Structure (for Institutional Member)

Sl. No.	Description	Annual (Rs.)	Permanent (Rs.)
1	Quality Circle (In Physical Mode) per team consisting of maximum 5 Members	22,500/- + GST	20,000/- + GST
2	Other Allied quality concepts per team consisting of maximum 3 Members	13,500/- + GST	12,000/- + GST
3	Safety Circle per team consisting of maximum 4 Members	18,000/- + GST	16,000/- + GST
4	Additional member of Any Concept	4,500/- + GST	4,000/- + GST

Discounts:

a) 5% discount can be availed by organization, if **_advance_** payment is done on or before 10th October 2025.**_Invoice_** will be generated once **_advance_** is received.

b) 5% discounts, if minimum 15 teams and 60 participants are from single organization.

c) 5% discounts for the teams participating outside Chhattisgarh.

d) An organization can avail any two of the above discounts, if eligible.

e) 50% Special discount for students for participation in CCQC-2025.

Information/Guidelines/Rules for participation in Convention

1. **Demand Draft: In favour of "QUALITY CIRCLE FORUM OF INDIA, BHILAI CHAPTER" payable at BHILAI.**
2. **NEFT payment: IFSC/RTGS Code: IOBA0001843, Indian Overseas Bank, A/CNo.:184301000000617**

For all enquiries connected with case study submission and participation, please contact
QUALITY CIRCLE FORUM OF INDIA, BHILAI CHAPTER
G.P.Singh, Secretary, QCFI, Bhilai Chapter
TULIP-275, Block-A, Talpuri International Colony, Bhilai West, Dist: Durg (C.G)
PIN:490009 Phone:9407981822(M)

E-mail: qcfibh@gmail.com; Website: http://www/qcfibhilai.in

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Bhilai ◆◆◆◆

Bhilai is Chhattisgarh's second-largest city, and its multiculturalism and diversity have earned it the nickname **"Mini India."** It is famous for its tranquil atmosphere and beautiful, verdant landscape. Other than being home to the world-famous Bhilai Steel Plant, the region is packed with places of worship, historical landmarks, and scenic vistas that draw visitors from all around.

Civic Center
Perfect spot for relaxation
When you've seen everything there is to see in Bhilai, it's time to unwind and recharge. A good time can be had by everybody at the Bhilai Civic Center. In addition to being one of Bhilai's most popular places to shop, Civic Center is also home to a variety of exciting attractions, including a thrilling amusement park.

Thagada Dam, Durg
An island has been prepared in the middle of the dam amidst attractive lighting. A boating facility and 16 shops and seating arrangements for eating and drinking are also above the Chowpatty with colorful fountain inside dam enchanting its beauty.

Maitri Bagh adjacent to Bhilai, with a zoo, boating, dancing fountain and park designed for visitors alike spread in 111 acres. Historical records reveal that Russia and India signed the peace treaty that led to the creation of the Maitri Bagh.

Dongargarh is 75 kilometers from Bhilai via Durg and Rajnandgaon. Bambleshwari Temple is at Dongargarh in Rajnandgaon district, Chhattisgarh, India. It is on a hilltop of 1600 feet. This temple is referred as Badi Bambleshwari.