

**QCFI, BHILAI CHAPTER  
(CCQC-2025)**



Quality Circle Forum of India

# **CONVENTION ON INTEGRATED SAFETY CIRCLE - 2025**

**6th July – 2025**

## **Theme**

**“Investing in people building for a better Future”**



**Shri Shankaracharya Technical Campus  
Bhilai**

**Organized by:  
Bhilai Chapter  
Quality Circle Forum of India**

# QCFI, BHILAI CHAPTER (CCQC-2025)



## Invitation

### **Dear Quality & Safety Fraternity & Practitioners,**

Quality Circle Forum of India has great pleasure in inviting all the individual life members and member organization for the Chapter Convention on Quality Concepts (CCQC-2025) Phase -I, exclusively on **Integrated safety circle concept (ISC)** scheduled to be held physically, on 6<sup>th</sup> July 2025 at Shri Shankaracharya Technical Campus (SSTC), Bhilai, CG.

**Integrated Safety Circle:** - It is team of self-motivated group working in same area or cross-sectional group working for same discipline; is a *Bottom* approach supported by Top. Development of Integrated Safety circle is done with an objective of Building Risk Perception culture, Behavior Based Safety Culture, Experiential Learning Culture and Analyzing Culture.

As you all know, the journey of quality is incomplete without safety. Today, safety is a major concern for industrial progress. To strengthen safety, it is necessary that every member of the organization becomes sensitive towards safety. To achieve this, it is essential to ensure the participation of every individual in safety promotion.

Quality Circle Forum of India has started an innovative initiative to increase employee participation through "Integrated Safety Circle." Through ISC, we will be successful in developing a strong safety culture in industries. Integrated Safety Circle was first started in Bhilai Chapter, which is now gradually spreading across the country. Understanding the importance of safety, Bhilai Chapter is going to organize an exclusive convention on Integrated Safety Circle Project Presentation on 6<sup>th</sup> July 2025. Under this Chapter Convention, the teams participating and winning GOLD under Integrated Safety Circle will qualify for the National Convention NCQC-2025.

This year, QCFI, Bhilai Chapter has once again proved its excellence by winning the "Best Chapter Award". Bhilai Chapter has helped every team, participating in convention to move forward. This cooperation will be continued in future also.

All organizations are encouraged to establish as many safety circles as possible and implement them with complete integrity to enhance their safety culture.

Recognizing this, the concept of the Integrated Safety Circle has emerged as a powerful tool for fostering a strong safety culture and retaining over 90% of valuable knowledge. It achieves this by integrating and enhancing risk perception, promoting an analytical mindset, implementing Behaviour-Based Safety, conducting Root Cause Analysis, and encouraging Experiential/Self-Learning.

This year's convention theme, "Investing in People: Building for a Better Future," highlights the crucial role of human capital in achieving long-term success. Today, Total Employee Involvement is the cornerstone of sustaining Performance Excellence across all domains. QCFI remains committed to leveraging its expertise and experience to develop skills nationwide, emphasizing people's participation as the key to holistic success.

**K. K. Singh**  
Chairman, QCFI (Bhilai Chapter)

**G. P. Singh**  
Vice President (QCFI)

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## 1. **Case Study Presentation on Integrated Safety Circle (ISC) Concepts**

Convention will be held in Physical mode only. Pre-convention Case studies will be evaluated digitally. The official language for Case study will be in Hindi or English. Integrated Safety Circle Case Study to be upload online in PDF format for pre-evaluation latest by 23<sup>rd</sup> June 2025. The size of the case study in PDF should be below 20 MB.

Case Study should be uploaded directly to [www.qcfibhilai.in](http://www.qcfibhilai.in); in case of any problem can be contacted through email [ccqcbh@gmail.com](mailto:ccqcbh@gmail.com); or on 9074606664

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

The official language for presentation will be Hindi or English. Team should have their own power point presentation either in Hindi or English and time limit will be 15 minutes plus 5 minutes Q & A.

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

Knowledge Test will be conducted in physical mode only and is compulsory for all teams. Fifteen (15) questions will be asked on different safety topics and Five (5) questions on Problem solving tools and technique (PSTT). Duration of the test will be of 25 minutes. Questions will be of multiple-choice question (MCQ) type. Question banks can be downloaded from website once registration is completed. In Knowledge test for Safety Circle, minimum three persons should attempt and average marks will be considered for evaluation. Reading material is available on [www.qcfibhilai.in](http://www.qcfibhilai.in);

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

1. Conducting CCQC in highly professional manner so that teams recommended from Bhilai Chapter may able to get Par Excellence/Excellence Award during NCQC.
2. Improvement is a continual journey and the Analysis of Chapter revealed that performance of many teams gets affected due to poor scoring in Knowledge Test (KT). Keeping this in mind, Bhilai Chapter has made KT as a compulsory. To help safety circle team, as soon as team's registration is completed, they will be eligible to download 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 will also be given. It is an innovative feature/Proactive approach of Bhilai Chapter.
4. All GOLD winner will be eligible to participate during NCQC-2025 in December 2025.
5. Top 5% teams (If minimum marks scored in Step-1 is 23 out of 25) will be directly recommended for Overseas Convention which is going to be held at Dubai in November 2025.

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## Final Program at a Glance:

- Each Team should submit their case study for pre-convention evaluation in online mode only.
- Knowledge Test will be conducted in Physical Mode only.
- Oral Case Study Presentation will be conducted in Physical mode only.
- Case Study Feedback along with mark scored will be provided on-line only along with contact person's name for further clarifications.
- Award will be given as per criteria given below:
  - The Circle who score 70% and above marks will be awarded Gold Medal
  - The Circle who score between 60% and 70% marks will be awarded Silver Medal
  - The Circle who score less than 60% marks will be awarded Bronze Medal

## Tentative Programme schedule (Bhilai)

TENTATIVE PROGRAMME	DATE	Time (Tentative)
Registration	5 <sup>th</sup> July	02:30 PM to 05:30 PM
Inaugural session	6 <sup>th</sup> July	9:30 AM to 10:15 AM
Knowledge Test (After Inaugural session) in two batches	6 <sup>th</sup> July	10:30 AM to 01:30 PM
Case Study Presentation	6 <sup>th</sup> July	10 30 AM to 2:00 PM
Valedictory Session (Award Distribution and Cultural Program)	6 <sup>th</sup> July	04:30 PM to 07:00 PM
*Case Study writing skill workshop and evaluation criteria	7 <sup>th</sup> July	9:30 AM to 1:30 PM

## Information/Guidelines/Rules for participation in Convention

- Please send your nomination in the prescribed Form-1 & 2 together. (Can be downloaded from [www.qcfibhilai.in](http://www.qcfibhilai.in);) )
- Last date for Registration: 30th June 2025
- Nomination** should be submitted in Registration **Form-1**. Filled Scan Copy or PDF of **Form-1** is accepted; however, **Form-2** is required in **Excel format** (to avoid any typing mistake for preparing certificate) only. Certificates will be prepared as per **Form-2**
- Soft Copy of the case study & Presentation shall be uploaded directly to [www.qcfibhilai.in](http://www.qcfibhilai.in);
- All communication can be done on [ccqcbh@gmail.com](mailto:ccqcbh@gmail.com);
- Front page of the case study should have the following details:
  - Name of the organization
  - Name of the team
  - Name of the team Members
  - Title of the case study
  - Category – Integrated safety Circle
- 50% discount for students, if their institute is having institutional membership.
- Recommendation for attending NCQC-2025 will be sent after receipt of participation Payment.
- Individual participation certificate, Award memento for team along with token gift will be given for the motivation of team members.
- If an organization qualifies for multiple discounts, it will be eligible for only the highest discount, except for the other state discount.*
- Separate registration for team members going to attend case study writing workshop*

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## Evaluation Criteria for Integrated Safety Circle

Steps	Description	Max Marks (100)	
		Lag	Lead
<b>Step-1</b>	<b>Identification of Hazard / Risk (Every Hazard/ Risk identified will get 0.4 marks).</b>	<b>25</b>	<b>25</b>
Step-1a	Unsafe Act (UA) with Name and Personal Id number (who did the violation) and Unsafe Condition (UC) reported should be supported with before and after photographs. All the above should be validated by Facilitator and approved by HOD ( with Seal and Signature on each page). If Team has identified more than top 50 can be filled in the form at and rest can be segregated and shown either in Tabular or Graphical form.	20	20
Step-1b	OBS = UA/(UA+UC) $\geq$ 75% = 5 Marks OBS = 50% $\leq$ UA/(UA+UC) < 75% = 3 Marks OBS = 25% $\leq$ UA/(UA+UC) < 50% = 2 Marks OBS = 5% $\leq$ UA/(UA+UC) < 25% = 1 Marks OBS = UA/(UA+UC) < 5% = 0 Marks	5	5
<b>Step-2</b>	<b>Defining and Selection of Problem</b>	<b>8</b>	<b>8</b>
	Gant Chart or Mile stone Chart	2	2
	Define the problem with the help of Flow Diagram / Pictorial depiction	6	6
<b>Step-3</b>	<b>Measure by Ascertain the Facts (Human, Physical, Systemic) and 4W + 1H</b>	<b>21</b>	<b>18</b>
	a) Physical Factor (facts with details)	4	4
	b) Human Factor (facts with details)	4	4
	c) Systemic Factor (facts with details)	4	4
	d) Approach for ascertaining the fact	2	2
	e) 4W + 1H	4	4
	f) Develop The Chronology (for Incident)	3	0
<b>Step-4</b>	<b>Analysis</b>	<b>26</b>	<b>26</b>
	a) Physical	5	5
	b) Human	5	5
	c) Systemic	5	5
	Approach & logic to represent root cause s through suitable diagram.	5	5
	Validation of Root Causes	6	6
<b>Step-5</b>	<b>Improve</b>	<b>11</b>	<b>14</b>
	Developing solution and Recommendation (use of suitable tools & Techniques)	3	5
	Record & communicate (After Approval granted)	2	2
	<b>Implementation</b>		
	i) Use of PDCA Cycle.	2	2
	ii) Comparative milestone chart	2	2
	iii) Assess Gains	2	3
<b>Step-6</b>	<b>Control ( Review by using appropriate tools)</b>	<b>9</b>	<b>9</b>
	Follow Up and Review	2	2
	Training	2	2
	Check List	2	2
	Standardization / Documentation	2	2
	Comparative Graphs if applicable (Before & After)	1	1
	<b>Total Marks</b>	<b>100</b>	<b>100</b>

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## Format for Listing and recording of identified hazards and associated Risk

Sl. No.	Hazard and Risk Identified	Type hazard H/P/E	Risk Score (RS=P*S)	Risk L/M/ H/ VH	Date/ Time	Safety Violation done by		Location	Validation		Compliance Date	Remarks/ Root Cause
						Name	Pers. Id No.		Photo Before	Photo After		
1.		H= P1= P2= E=										
2.												
3.												
4.												
5.												

**NB: Photograph is compulsory for unsafe conditions and accidents**

**H=Human, P1= Property, P2=Process, E=Environment. RS= Risk Score, P = Probability and S=Severity**

**No marks will be given in absence of signature of Facilitator and Seal and signature of HOD**

Signature

Seal & Signature

Validated by Facilitator

Approved by HOD

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## 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
	<b>Total Marks</b>	<b>200</b>

### Note Before:

- 1) **3.0 bonus marks**, if contractor worker is included in the team, subject to maximum marks will not exceeding 100. Photo copy of contractor worker Id Card is required
- 2) **Minus 3.0 Marks**, if victim is not a part of team (In case of Incident and victim is alive and is on duty).

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

Sl. No.	Description	Annual (Rs.)	Permanent (Rs.)
1	Integrated Safety Circle per team consisting of maximum 5 Members including facilitator	22,500/- + GST	20,000/- + GST
2	Additional member if any	4,500/- + GST	4,000/- + GST
3	ISC workshop focus on Case study Writing & PPT for NCQC. Charges will be Per member.	1500/- + GST	1200/- + GST

### Discounts (Applicable only for Sl. No. 1 & 2):

- a) 5% discount can be availed by an organization, if advance payment is done on or before 5<sup>th</sup> July 2025.
- b) 5% discounts, if minimum 15 teams are from single organization.
- c) 5% discounts for the teams participating from outside Chhattisgarh.
- d) 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, Vice President, QCFI  
TULIP-275, Block-A, Talpuri International Colony, Bhilai West, Dist: Durg (C.G)  
PIN:490009 Phone:6263770082(M)**

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

**Only Gold winner will be recommended for participating during NCQC-2025 in the month of December 25.**

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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.

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