



# Quality Circle Forum of India

## Haridwar Chapter

### Announces

## 13<sup>th</sup> Convention on Quality Concepts (HCCQC 2023)

On 14<sup>th</sup> & 15<sup>th</sup> October 2023

At Delhi Public Shool, Daulatpur, Haridwar

**Which Teams  
Should Attend**

Quality Circle, Kaizen, TPM, 5S, SGA , Lean Quality Circle,  
Safety Circle Lean Safety Circles, Six Sigma Etc

Our E-Mail ID --- [qcfi.hw@gmail.com](mailto:qcfi.hw@gmail.com)

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Postal Address : 18-19 Bal Bhawan, Sector-1, BHEL, Haridwar , 249403

### Pl Submit the Following Document Before Last Date

**Last Date**

1. Mail The Attached Nomination Form for Your Teams	03.10.2023
2. Hard Copy of Your Case Study	05.10.2023
3. Hard Copy of Meeting Register	05.10.2023
4. Share PPT on Google Drive & provide access to our Gmail	09.10.2023
5. Payment of Fees	11.10.2023

**NB: No documents will be accepted on the day of presentation**

**Delayed Receipt of Documents will not be evaluated and will Reflect ZERO MARKS**

### FEE STRUCTURE 2023

Description	15 Yrs Membership	Yearly Membership
QC Team of Six Members in all (including Facilitator or Coordinator)	INR 18000 + GST 18%	19500 + GST 18%
Allied Concept Team (Total 3 Members in all)	INR 10500 + GST 18%	INR 12000 + GST 18%
Additional Per Delegate	INR 3500 + GST 18%	INR 4000 + GST 18%

Fee To be Paid in Advance :

In Favour of "Quality Circle Frum of India" Payable at Haridwar,249403

Mode 1	Multicity Cheque	To be Sent to our Postal Address
Mode 2	NEFT : AXIS Bank Haridwar	A/c No 911010048066891, IFSC Code UTIB0000358
Mode 3	NEFT: SBI, Sector-1, BHEL, Haridwar	A/c No 41688564196, IFSC Code: SBIN0007154

Prescribed time for presentation:	Total Time	Warning Bell	Final Bell	After that question and answer (Questions by judges only)
	15 minutes	12 minutes	15 minutes	3 minutes

<b>Reporting time:</b>	Teams to Reach their presentation hall at least 30 minutes before their schedule
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### Model Competition:

- Team members to remain present on model desk.
- Banner for Model to be brought by teams
- Electrical Extensions for automated models to be brought by Teams

### The best three Models will be awarded

Eligibility	Banner Details (Size 1.5'x2')	Scope	Pre-Registration
Maximum 20 Models (preregistered) first come first serve basis	1. Organisation Name_____ 2. Circle Name/ No_____ 3. Project Title_____	QC Teams using Models during Case Study Presentation	Last Date : 04.10.22

### Criteria for Evaluation of Quality Circle Case Study

SN	Parameters		Max Marks
2	Pre- Evaluation	Meeting Register	10
3	Pre- Evaluation	Hard Copy of QC Case Study	60
4	Presentation	Oral Presentation	50
5	Knowledge Test	Written Test	20
<b>TOTAL</b>			<b>140</b>

### Criteria for Evaluation of Allied Concept Case Study

SN	Parameters	Max Marks
1	No Register / No knowledge Test	Nil
2	Hard Copy of Case Study	60
3	Oral Presentation	50
<b>Total</b>		<b>110</b>

### Award Criteria

Gold	Silver	Bronze
Above and equal to 75 %	Between 65 % to 74.9 %	Less Than 65 %

## Instructions for Knowledge Test

- Compulsory for All QC Teams & Marks will be added to the result
- Three Members have to write the test Paper individually
- Group average will be added to Score
- Books & Mobiles Not Allowed

- Knowledge Test will carry 20 Maxm. Marks
- Paper will have 20 multi choice objective type questions all carrying equal marks
- A few questions may be Subjective (but with a single word answer)
- Time for this test will be 20 Minutes

- Test will be held in Different Parallel Streams
- Timings of test for each team will be given in the finalised schedule
- Teams have to remain ready for test at the scheduled time to avoid waste of time
- Teams will not be allowed to change the time

### Program Schedule Dated 14th October 2023

Time	Activities	Remarks
14.00-16.00	Registration	Facilitators/Coordinators Only

### Tentative Program Schedule Dated 15th October 2023

Time	Activities	Remarks
08.00-09.00	Registration	Facilitators/Coordinators Only
08.00-09.00	Study Loading in Presentation Halls	Leaders/ Facilitators
08.30-09.30	Breakfast	
09.30-10.30	Knowledge Test	For 3 Members
10.30-12.30	Memento Distribution	Leader & one Member only
12.30-14.30	Lunch for Participants	Flexible Timings
13.00 - 13.30	Lunch For Judges	
10.30-13.00 13.30-15.00	Case Study Presentations	In parallel streams
15.00-15.30	Model Presentation (only 20 Pre-registered models)	on first come first serve basis
15.30-16.30	Cultural Program or Quiz Competition	
16.30-17.30	Result Declaration / Valedictory Function	
17.30	High Tea	

# Evaluation Criteria for Oral Presentation by All Teams

SN	Criteria	Marks Allotted
1	Presentation Skills	4
2	Use of Appropriate Model(s)	3
3	Animated Technical Movements	2
4	Use of Clear & Relevant Videos	2
5	Clarity in Defining the Problem	10
6	Clarity of Solution	10
7	Use of Twelve Steps of Problem Solving	4
8	Time Management	5
9	Questions by Judges	10
	<b>TOTAL</b>	<b>50</b>

# Evaluation Criteria for Soft Copy of QC Case Studies

<b>Step No</b>	<b>Problem Solving Steps</b>	<b>Marks Allotted</b>
<b>1</b>	<b>Identification of Problems (Unsolved Only)</b>	<b>3</b>
<b>2</b>	<b>Selection of Problem</b>	<b>3</b>
<b>3</b>	<b>Define the Problem</b>	<b>8</b>
<b>4</b>	<b>Analysis of The problem</b>	<b>5</b>
<b>5</b>	<b>Identification of causes / Find out Probable Cause</b>	<b>4</b>
<b>6</b>	<b>Finding out Root cause</b>	<b>4</b>
<b>7</b>	<b>Data Analysis</b>	<b>5</b>
<b>8</b>	<b>Development of Solution</b>	<b>8</b>
<b>9</b>	<b>Foreseeing Probable Resistance</b>	<b>3</b>
<b>10</b>	<b>Trial Implementation and check Performance</b>	<b>8</b>
<b>11</b>	<b>Regular Implementation &amp; Gains</b>	<b>5</b>
<b>12</b>	<b>Follow up and Review</b>	<b>4</b>
	<b>TOTAL</b>	<b>60</b>

# Evaluation Criteria For Soft Copy Allied Concept Case Studies

<b>Step No</b>	<b>Problem Solving Steps</b>	<b>Marks Allotted</b>
<b>1</b>	<b>Selection of Problem</b>	<b>4</b>
<b>2</b>	<b>Defining The Problem</b>	<b>8</b>
<b>3</b>	<b>Analysis / Measure of The Problem</b>	<b>6</b>
<b>4</b>	<b>Find out Probable Causes and Root Causes</b>	<b>10</b>
<b>5</b>	<b>Root Cause Analysis (Validation of Root Cause)</b>	<b>6</b>
<b>6</b>	<b>Data Analysis</b>	<b>8</b>
<b>7</b>	<b>Trial Implementation</b>	<b>8</b>
<b>8</b>	<b>Regular Implementation</b>	<b>5</b>
<b>9</b>	<b>Follow up and Review</b>	<b>5</b>
<b>TOTAL</b>		<b>60</b>

# Evaluation Criteria for Soft Copy of 5S Case Study

**Name of work Area/Unit/Workplace**

Step No	Problem Solving Steps	Marks Allotted
1	Initial Efforts	12
2	Activities of House keeping	10
3	Implementation of 4 <sup>th</sup> S	8
4	Audit System	8
5	Status of 5S Implementation	15
6	Follow up and Review System	7
TOTAL		60

## Evaluation Criteria for Soft Copy of Six Sigma Case Study

Step No	Problem Solving Steps	Total Marks Allotted
1	Define	12
2	Measure	9
3	Analyse	15
4	Improve	15
5	Control	9
<b>TOTAL</b>		<b>60</b>

## Evaluation Criteria for Soft Copy of Safety Circle Case Studies PRESENTED BY SAFETY QUALITY CIRCLE:

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|----|---|
| 1. | It be evaluated as pe the QC case study evaluation norms on the basis of 12 steps problem solving method. |
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## Evaluation Criteria for Soft Copy of Safety Circle Case Studies PRESENTED BY LEAN SAFETY CIRCLE:

- |    |   |
|----|---|
| 2. | <p><b>CASE STUDY PRESENTED BY LEAN SAFETY CIRCLE (LSC):</b></p> <p>LSC team is formed –</p> <p>And Problem not Selected through Quality Circle method</p> <p>It will be evaluated as DMAIC method Like in LQC</p> |
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