

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

Name and address of submitting body:

Construction Skill Development Council of India

Address:- 204, Aashirwad Complex, D-1, Green Park, New Delhi - 110016

Tel: +91-11-46584466

Name and contact details of individual dealing with the submission

Name: Ms. Jancy Mathew

Position in the organisation: Head Standards and Research

Address if different from above:

Same as above

Tel number(s): +91-11-46584466

E-mail address: standards@csdcindia.org

List of documents submitted in support of the Qualifications File

1. Career Map of Fabrication Occupation - Annexure 1
2. QP CON/Q01251- Annexure 2
3. RPL Assessment Guideline/Policy-Annexure 3
4. Detail Assessment Plan- Annexure 4
5. Workshop Interaction – Annexure 5

QUALIFICATION FILE SUMMARY

Qualification Title	Tack Welder - QP CON/Q01251		
Body/bodies which will assess candidates	<ul style="list-style-type: none"> MCG Star Projects Stamp India Skills 		
Body/bodies which will award the certificate for the qualification.	CSDCI		
Body which will accredit providers to offer the qualification.	CSDCI		
Occupation(s) to which the qualification gives access	Fabrication		
Proposed level of the qualification in the NSQF.	3		
Anticipated volume of training/learning required to complete the qualification.	400hrs		
Entry requirements / recommendations.	Preferably 10 th standard		
Progression from the qualification.	Construction Welder MIG, Construction Welder TIG, Construction Welder SMAW		
Planned arrangements for RPL.	Work is under progress		
International Comparability			
INDIAN NOS	Comparable UK/Australian NOS		
CON/N1251: Perform tack welding operations on structural steel elements	Comparable UK NOS: SEMME2030: Tack welding fillet joints in marine steelwork		
CON/N1252: Carry out pre heating of materials before cutting and welding process	Comparable UK NOS: SEMFWE3-26: Heat treating materials for fabrication activities		
CON/N8001: Work effectively in a team to deliver desired results at the workplace	Comparable UK NOS COSVR642 :Conform to productive work practices		
CON/N9001: Work according to personal health, safety and environment protocol at construction site	Comparable UK NOS: COSVR641: Conform to general workplace health, safety and welfare		
Formal structure of the qualification			
Title of unit or other component (include any identification code used)	Mandatory/Optional	Estimated size (learning hours)	Level
CON/N1251: Perform tack welding operations on structural steel elements	Mandatory	200	3
CON/N1252: Carry out pre heating of materials before cutting and welding process	Mandatory	128	3

CON/N8001: Work effectively in a team to deliver results at a construction site	Mandatory	24	3
CON/ N9001: Work according to personal health, safety and environment protocol at construction site	Mandatory	48	3

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum or Qualification Pack.

Give details of the document here:

QP CON/Q01251- Annexure 2

SECTION 1

ASSESSMENT

Name of assessment body:

If there will be more than one assessment body for this qualification, give details.

- MCG
- Star Projects
- Stamp
- India Skills

Will the assessment body be responsible for RPL assessment?

Give details of how RPL assessment for the qualification will be carried out and quality assured.

The RPL assessment will be carried out through screening, identifying the skills gaps, provide bridge training to cover the competency gap and then conduct final assessment of the candidates.

Detailed note is attached as Annexure-3

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:

Assessment is carried out through CSDCI affiliated Assessment Body only. The Assessors are trained & certified by CSDCI through Training of Assessors program. The TOA assessment programme involves two processes. The first process is gathering the evidence of the domain competency of individuals based on domain skills assessments. The second part of the assessment process is the judgement of his platform skills.

The assessment plan contains the following information:

- What will be assessed, i.e. the competency based on each NOS
- methods of assessments and its duration –skill & knowledge assessments context of the assessment (workplace/simulation)
- The criteria for decision making will guide judgements.
- To ensure assessment is always consistent and fair, a standard assessment criteria developed by CSDCI will be shared with affiliated AB's. The assessment tools developed by AB's within this assessment criteria framework duly vetted by CSDCI will be used for skill and knowledge assessments of trainees

Detailed Note is Attached as Annexure-4

Please attach any documents giving further information about assessment and/or RPL.

Give details of the document(s) here:

1. RPL Assessment Guidelines/Policy- Annexure 3
2. Detailed Assessment Plan- Annexure 4

ASSESSMENT EVIDENCE

Complete the following grid for each grouping of NOS, assessment unit or other component as per the assessment criteria. Insert the required number of rows.

CRITERIA FOR ASSESSMENT OF TRAINEES

Tack Welder

CON/Q 01251

Construction Skill Development Council Of India

Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the knowledge part will be based on knowledge bank of questions created by Assessment Bodies subject to approval by SSC
3. Individual assessment agencies will create unique question papers for knowledge/theory part for assessment of candidates as per assessment criteria given below
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on assessment criteria.
5. The passing percentage for each QP will be 50%. To pass the Qualification Pack, every trainee should score a minimum of 50% individually in each NOS
6. The Assessor shall check the final outcome of the practices while evaluating the steps performed to achieve the final outcome.
7. The trainee shall be provided with a chance to repeat the test to correct his procedures in case of improper performance, with a deduction of marks for each iteration.
8. After the certain number of iteration as decided by SSC the trainee is marked as fail, scoring zero marks for the procedure for the practical activity.
9. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack within the specified timeframe set by SSC.
10. Minimum duration of Assessment of each QP shall be of 4hrs/trainee.

		Marks Allocation
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Assessable Outcome	Assessment criteria	Total Marks	Out Of	Theory	Practical Skills
CON/N1251: Perform tack welding operations on structural steel elements	PC1. identify any hazardous conditions in the work place relevant to work	100	4	1	3
	PC2. check that electrical cables from the machine are insulated and terminated properly		3	1	2
	PC3. avoid wearing loose clothing and wear welding jumpsuits or any other uniform issued on site		3	1	2
	PC4. ensure that there is no leakage in gas pipelines		3	1	2
	PC5. avoid presence of moisture in vicinity of the working area and work piece		3	1	2
	PC6. avoid any unsafe act by self particularly while working in workplace		3	1	2
	PC7. identify and use the fire protection tools and equipment based upon the type of fire		3	1	2
	PC8. participate in safety drills organized in workplace		3	1	2
	PC9. participate in tool box talks as organized in workplace		3	1	2
	PC10. identify the location for tack welding		3	1	2
	PC11. setup the welding machine as per requirement		10	2	8
	PC12. connect work clamps in correct polarity		5	2	3
	PC13. ensure that cables do not cause interference in welding		2	1	1
	PC14. place the gas cylinders in upright position		2	1	1
	PC15. check the welding nozzle prior to begin welding for defects		5	1	4
	PC16. check that base metal is properly clamped and secured against movement as applicable		3	1	2
	PC17. clean the joint to remove any dust, or foreign particles from the joint		3	1	2
	PC18. remove any oil, paints or rust from the joint and its vicinity		3	1	2
	PC19. check that all connections are tight and secure.		3	1	2
	PC20. select suitable position for welding the joint		6	1	5
	PC21. adjust the current and electrode feed rate to suite the requirements		8	1	7
	PC22. adjust the flow of gas to move it is compatible with the feeding rate		8	1	7
	PC23. strike the arc correctly without causing defects		5	1	4
	PC24. maintain proper electrode extension length to avoid defects		5	1	4
	PC25. finish the tack smoothly		4	1	3
	PC26. avoid overheating of base metal by adjusting the voltage		5	1	4
	PC27. carry out welding for necessary length only		3	1	2
	Total	100	20	80	
CON/N1252: Carry out preheating of materials before	PC1. identify any hazardous conditions in the work place relevant to work	100	4	1	3
	PC2. avoid wearing loose clothing and wear welding		3	1	2

cutting and welding process	jumpsuits or any other uniform issued on site
	PC3. ensure that there is no leakage in gas pipelines
	PC4. ensure that proper purging is done prior to welding the pipelines or tube sections
	PC5. ensure that flash arrestor is installed and functioning properly
	PC6. avoid presence of moisture in vicinity of the working area and work piece
	PC7. strike the flame with prescribed lighters and not using open flames
	PC8. avoid any unsafe act by self particularly while working in workplace
	PC9. identify and use the fire protection tools and equipment based upon the type of fire
	PC10. participate in safety drills organized in workplace
	PC11. participate in tool box talks as organized in workplace
	PC12. ascertain the location of pre heat
	PC13. ascertain the required temperature
	PC14. ensure that gas cylinders are in upright position
	PC15. ensure that all knobs, valves, switches and gauges of equipment are in working condition
	PC16. clean the surface of base metal prior to pre heat
	PC17. ensure that temperature measurement instrument is available
	PC18. ensure that joint is secure clamped and immovable
	PC19. ensure that nozzle of torch is clean
	PC20. strike the flame using gas cutting torch lighter
	PC21. adjust the fuel gas flow to obtain desired length of flame
	PC22. adjust oxygen flow to concentrate the flame into desired thickness for heat transfer

3	1	2
2	1	1
4	1	3
4	1	3
3	1	2
3	1	2
3	1	2
8	1	7
3	1	2
4	1	3
3	1	2
3	1	2
3	1	2
8	2	6
8	2	6

	PC23. hold the torch above the metal joint such that it is not too close to overheat the material and not too far to cause heat loss		8	2	6
	PC24. move the torch above and around the joint for symmetrical heat transfer		8	2	6
	PC25. check the temperature of the metal regularly to avoid overheating of metal		3	1	2
	PC26. close the fuel gas flow before turning off oxygen while closing the torch.		3	1	2
	PC27. carry out basic maintenance of torch and other apparatus as per requirements		3	1	2
		Total	100	20	80
CON/N8001: Work effectively in a team to deliver desired results at the workplace	PC1. pass on work related information/ requirement clearly to the team members	100	10	2	8
	PC2. inform co-workers and superiors about any kind of deviations from work		5	1	4
	PC3. address the problems effectively and report if required to immediate supervisor appropriately		5	1	4
	PC4. receive instructions clearly from superiors and respond effectively on same		5	1	4
	PC5. communicate to team members/subordinates for appropriate work technique and method		5	1	4
	PC6. seek clarification and advice as per requirement and applicability		10	2	8
	PC7. hand over the required material, tools tackles, equipment and work fronts timely to interfacing teams		30	6	24
	PC8. work together with co-workers in a synchronized manner		30	6	24
		Total	100	20	80
CON/N9001: Work according to personal health, safety and environment protocol at construction site	PC1. identify and report any hazards, risks or breaches in site safety to the appropriate authorities	100	5	1	4
	PC2. follow emergency and evacuation procedures in case of accidents, fires, natural calamities		5	1	4
	PC3. follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable		10	2	8
	PC4. participate in safety awareness programs like Tool Box Talks, safety demonstrations, mock drills, conducted at site		5	1	4
	PC5. identify near miss , unsafe condition and unsafe act		5	1	4

PC6. use appropriate Personal Protective Equipment (PPE) as per work requirements including: <ul style="list-style-type: none"> • Head Protection (Helmets) • Ear protection • Fall Protection • Foot Protection • Face and Eye Protection • Hand and Body Protection • Respiratory Protection (if required) 	10	2	8
PC7. handle all required tools, tackles , materials & equipment safely	5	1	4
PC8. follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines	5	1	4
PC9. install and apply properly all safety equipment as instructed	15	3	12
PC10. follow safety protocol and practices as laid down by site EHS department	15	3	12
PC11. collect and deposit construction waste into identified containers before disposal, separate containers that may be needed for disposal of toxic or hazardous wastes	10	2	8
PC12. apply ergonomic principles wherever required	10	2	8
Total	100	20	80

SECTION 2

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

Please refer to the attached list of job roles and occupations identified in construction sector. These job roles have been derived through extensive industry interactions facilitated from 10 workshops and various site visits conducted and interaction with 500+ representatives from different construction sector organizations all over the country.

Attached as Annexure 5

What is the estimated uptake of this qualification and what is the basis of this estimate?

As per survey the incremental Manpower Gap between 2008 and 2022 found out to be 473000 under Fabrication Occupation

What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?

QPs for Job Roles of various related SSC's were studied to ensure that there is no duplicity.

What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?

Standards department of CSDCI will do periodic review and monitor the industry feedbacks, Training Partners feedback on the qualification and will incorporate them appropriately at the designated revision time.

The revision of this qualification is scheduled after 1 years i.e. 14/08/2017

Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

1. List of job roles
2. Workshop interactions- Annexure 5

SECTION 3

SUMMARY EVIDENCE OF LEVEL

Summary of Direct Evidence:

Justify the NSQF level allocated to the QP by building upon the five descriptors of NSQF. Explain the reasons for allocating the level to the QP.

Generic NOS is/are linked to the overall authority attached to the job role.

Tack Welder QP CON/Q01251

Process required	Professional Knowledge	Professional Skills	Core Skills	Responsibility	Level
<p>Job holder performs limited routine activities such as tack welding on structural steel assemblies and carryout preheating of joints to be welded. These activities are repeated for fit-up of multiple components and are predictable in nature as the procedure for carrying out these activities is already laid out</p>	<p>Job holder is expected to have knowledge operation and area of application of various tools and equipments like welding kits, heating torch, hammers and files etc. required for tack welding and heating works. The job holder is also expected to have basic understanding of the processes to be followed for welding, repair and heating.</p>	<p>Job holder is expected to demonstrate skills that are essential for carrying out tack welding of joints like adjusting the equipment according to work specifications, identifying the instructed location of welding, striking of arc, termination of tack etc. these have a limited application as they are applicable to tack welding and are applied repeatedly for carrying out tack welding.</p>	<p>Job holder is expected to have good reading and writing skills in at least one language to understand hand sketches or instructions etc. provided for work.</p> <p>Job holder is also expected to read and understand sign boards, safety rules and shall be able to orally communicate clearly and effectively with team members</p>	<p>The Job holder has some responsibility for own work such as carrying out tack weld or heating within assigned time frame and with required quality. They are also responsible for their own safety by following safety rules laid down at site</p>	3
Level-3	Level-3	Level-3	Level-3	Level-3	

OTHER EVIDENCE OF LEVEL [This need only be filled in where evidence other than primary outcomes was used to allocate a level] **(Optional)**

Summary of other evidence (if used): **Not applicable.**

SECTION 4

EVIDENCE OF RECOGNITION OR PROGRESSION

What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?

Please refer to attached career path as per annexure 1 which clearly define the clear career path.

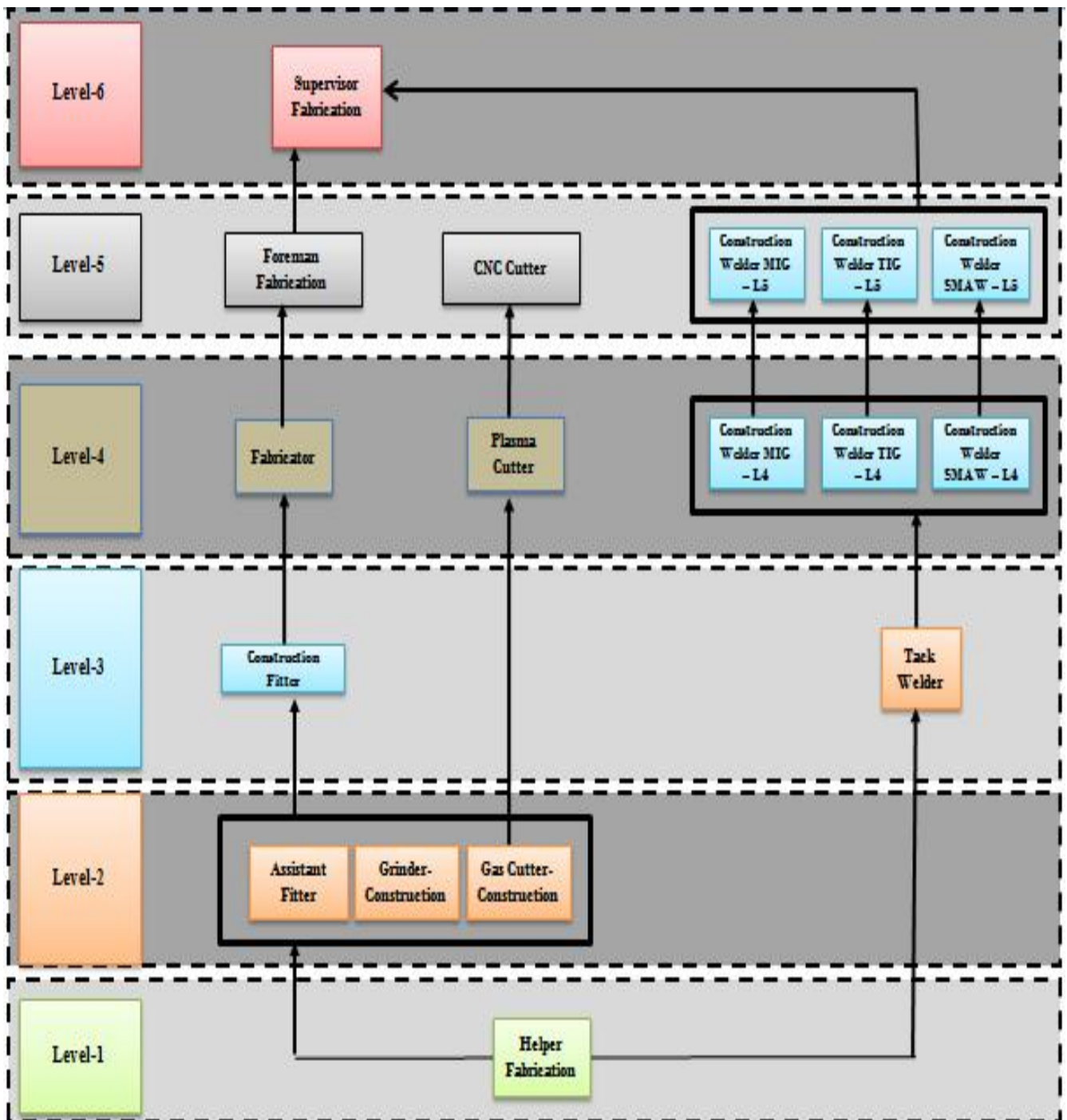
Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

1. Annexure 1
 - Overall Career map
 - Career map of Fabrication Occupation
2. QP CON/Q 01251- Annexure 2

Annexure 1

Career Map



Annexure 2- QP CON/Q01251

Annexure 3: RPL Assessment Guideline/Policy

1 Guidelines and Implementation Strategy

Under RPL, the candidate can be certified in two ways:

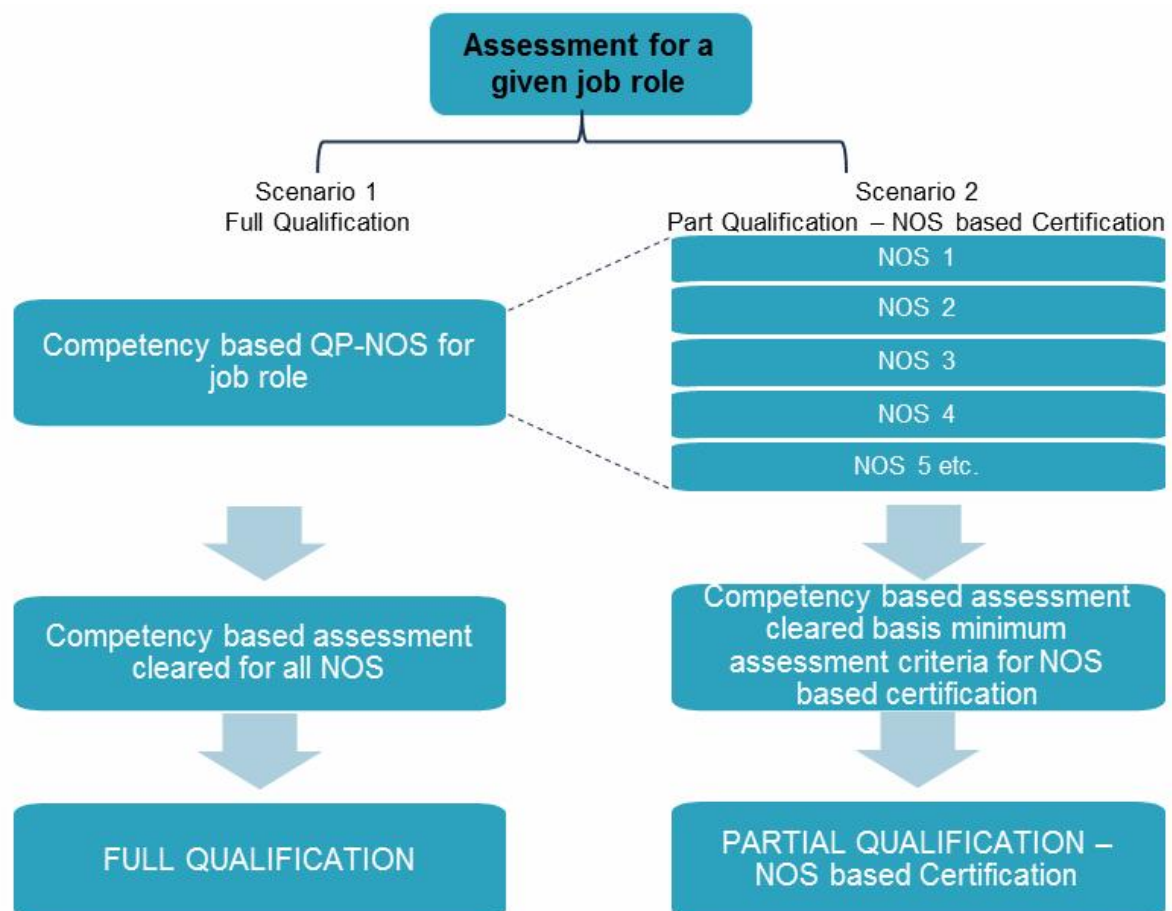
1.1 **Full Qualification**

In this scenario, a candidate enrolled under RPL is assessed as per the assessment criteria of the QP-NOS of the selected job role. If the candidate clears competency based assessment under the designated Job Role, candidate is awarded a “Full Qualification” Certificate.

1.2 **Partial Qualification –**

NOS Based Certification Under this scenario, a candidate enrolled under RPL is assessed as per the same QP-NOS. The SSCs have to define the minimum assessment criteria that the trainee has to attain for the QP-NOS in order to get NOS based certificate.

1.3 **A pictorial representation of the process is below:**



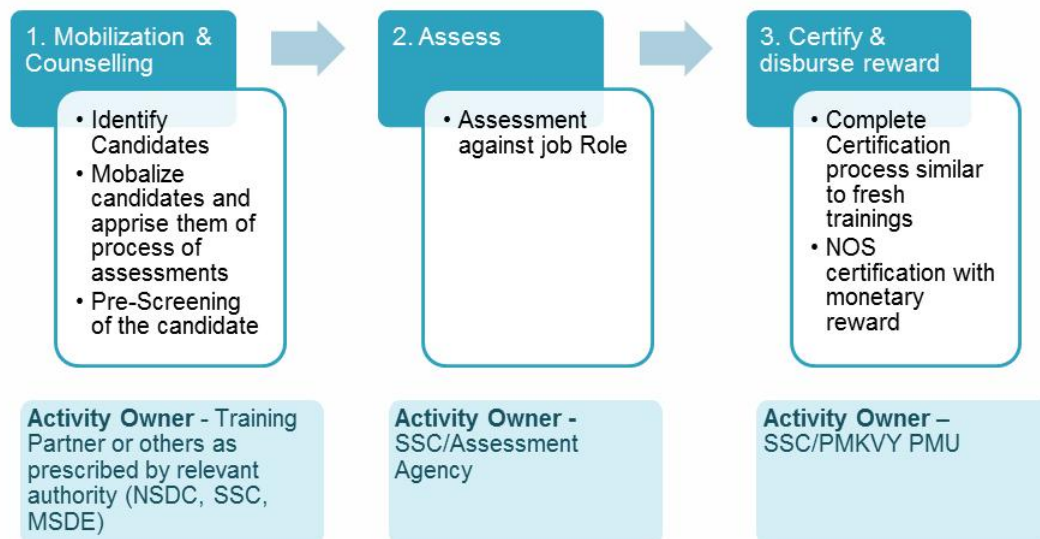
2 Detailed Strategy

2.1 RPL is a three step process

2.1.1 Mobilization & Counselling

2.1.2 Assessment

2.1.3 Certification & Reward Disbursement



3 Mobilization & Counselling

- 3.1 The Training Partner (TP) or any other authority as prescribed by the Steering Committee will identify and counsel candidates eligible for RPL through mobilization camps & advertisements etc. The mobilized candidates can **be counselled, oriented about the standardized NSQF framework and basis their existing competency will be mapped against the suitable level of the concerned Job role for assessments.**
- 3.2 Candidates may be mobilized with the help of SSC's Industry (clusters) connect, associations and MSME connect. These will be in the form of Kaushal Melas, Registration camps in clusters and active marketing through local media such as Radio, Newspapers and hoardings.
- 3.3 TPs will also be required to provide orientation training to candidates covering the following aspects. This training will form as a part of pre-screening and bridge orientation of a candidate:
 - 3.3.1 What is PMKVY/NON PMKVY?
 - 3.3.2 Information about the Skill Mission and NSQF
 - 3.3.3 Benefits and process of PMKVY/NON PMKVY to the candidate
 - 3.3.4 Who/what is NSDC and a SSC?
 - 3.3.5 What is RPL and the need for it
 - 3.3.6 What is a QP?
 - 3.3.7 What is NOS?
 - 3.3.8 Orientation on Assessment Criteria
 - 3.3.9 What is the process of assessment and run through mock assessment questions
 - 3.3.10 Who is a Training Partner?

4 Pre-screening of candidates

- 4.1 Pre-screening guidance, counseling and support will be provided to the candidates by the TP. SSCs will be required to establish a pre-screening criteria for their sector and make it available online. The Training Partners will be mandated to pre-screen the candidate basis of these criteria before the candidate undergoes assessment.

5 Assessment

- 5.1 The candidates enrolled will be assessed by the Assessment Agency affiliated with the Sector Skill Council on the basis of assessment criteria decided by Sector Skill Council (SSC). The candidate will need to pass in the minimum assessment criteria of a particular QP decided by the SSC.
- 5.2 Assessment is very critical for the success of whole RPL process. There are possibly three ways through which a candidate can undergo the assessment process:
 - 5.2.1 Stand-alone assessment- Candidate approaches the assessment center on her/his own and gets her/himself assessed
 - 5.2.2 Worksite assessment- Assessment of the existing employees is carried out at the workshop/yard

5.2.3 Assessment at Training Centre- Assessment is carried out at the Training Centre.

5.3 Typically, SSC are required to give instructions to assess the candidates more through Practical Knowledge and demonstration e.g.

5.4 The assessment could include a theory and practical component with varying weightages respectively. This will be the prerogative of the SSC basis the sector and participating QP.

5.4.1 Theory assessment will be a Multiple Choice Question paper consisting of at least 20 questions.

5.4.2 Practical assessment will include the assessee actually demonstrating skills on the basis of the QP as required in the job role.

5.5 The guidelines for the assessor to conduct the assessments are:

5.5.1 Assessments have to be conducted in local languages wherever possible.

5.5.2 The assessment should be carried out in accordance with the assessment criteria.

5.5.3 Language, communication and expression used in assessment should be understandable and appropriate, to the candidate.

5.5.4 Questions based on practical assessment of the skills should be simple, direct and comprehensible.

5.5.5 In order to assess the proficiency of the subject knowledge, the candidate will take test developed by Assessment Agency keeping in view the literacy level of the candidate.

5.5.6 While assessing, the assessment agency will also review the evidence submitted by the candidate i.e. confirm the identity of the candidate, physical verification of the documentation provided.

6 Certification & Reward Disbursement

6.1 Successfully assessed candidates with a valid Aadhaar or alternate ID (as per process) will be eligible for either “Full Qualification” or “Partial Qualification – NOS based Certification” as described above under Overall Approach of RPL. The reward in both cases will be the same (as per Sector, QP and NSQF Level)

6.2 Certified candidates with valid bank details will be processed for reward money by NSDC.

Annexure 4: Detailed Assessment Plan

ASSESSMENT OF TRAINEES: PROCESS & PROCEDURE TO BE ADOPTED

The assessment has to comprise of two components, namely:

1. Knowledge assessment (theory/viva assessment)
2. Skill assessment (practical/hands-on skill assessment)

MODE OF ASSESSMENT

1. Demonstration/Practical for Performance /Skill Assessment
 2. Synoptic multiple choice question test.
 3. Viva
- } For Knowledge Assessment

COMPONENTS OF ASSESSMENT:

1. Performance/Skill Assessments

The performance/skill assessment will be conducted through demonstration/practical

Demonstration /Practical Assessment

There will be practical task for core NOS's which the trainee must attempt and demonstrate the occupational skills acquired to pass. Also the practical skill for generic NOS would be judged while carrying out practical task for core NOSs. Practical assessment is externally set and externally marked.

Trainees must attempt and pass the practical test which is assessed through a given task. The basis for practical task is the performance criteria provide in the NOS of the Qualification Pack.

The assessment will be conducted in a simulated working environment. Due to this fact, the assessors must note that the naturally occurring evidence of competence is unavailable or infrequent. Simulation must be undertaken in a Realistic Working Environment which provides an environment that replicates the key characteristics of the workplace in which the skill to be assessed is normally employed.

Scheduling of the practical task assessments is flexible but to retain integrity of the assessment, they should be carried out as closely as possible to the written assessments.

Introducing the practical assessment to trainees

It will be beneficial to take trainees through what is required in the practical assessments and the way in which each part will be graded. Trainees should have an opportunity to familiarise themselves with the way the tasks are graded.

Trainees may refer to their faculty for guidance on parts of the practical assignments only, though they should be aware that, especially for the practical assessments, the amount of guidance and support they are given may be reflected in the feedback and performance.

2. Knowledge Assessment

The knowledge assessments are conducted through written test and viva.

2.1. Synoptic multiple choice question (MCQ) test

Synoptic test is an MCQ (Multiple Choice Question) test to assess the underpinning knowledge. The synoptic MCQ tests are externally set and externally marked. This test is to be taken by the trainee after completion of all the units under controlled and invigilated conditions as closed-book test under the supervision of an assessor. Trainees can only achieve whole marks; half marks for partially answered questions are not permitted. Selection of two or more options will be marked as wrong. The answers should to be marked by pen only.

The test may be conducted by the assessor in the oral mode, if required, considering the lack of reading and comprehending acumen (skills) of trainees. In such cases, the assessor will mention it on top of the MCQ submitted.

2.1. Viva

Trainees are required to take the viva test **along with** their practical observation test which is an extended part of the practical observation and assessment. The viva assessments are externally set and externally marked.

ASSESSMENT LOCATION

Assessment location can be one or a combination of following. Prior arrangements are to be ensured by the assessment agency in conjunction with all stakeholders

1. Training providers premise
2. Workshops, Labs
3. On-site assessment

ASSESSMENT CONTEXT:

Assessment of trainees will be conducted at the end of the training. The assessing body is to liaise with the training provider and schedule assessments accordingly.

For assessments to be fair, the assessment bodies are to ensure that the assessment process is valid, reliable, flexible and fair. Assessments are to be planned in conjunction with the training timelines and periodicity, as defined for specific trainings based on National Occupational Standards (NOS).

CRITERIA FOR DECISION

Assessments for the various job roles are conducted to gauge and assess the trainees' competencies and professional expertise as well as their skill and knowledge in the specified areas.

During the practical task, trainees will be assessed on their workmanship, quality of finished product, time management, etc., based on the performance criteria (PC), knowledge and understanding and their professional and soft skills as specified in the qualification pack. They will be graded for all their assessments based on the approved assessment strategy which is signed off by CSDCI.

Assessors must ensure that assessment decisions involve collection and evaluation of sufficient evidence to enable a judgment to be made on the student's competence. An assessment should not place unnecessary demands on students which may prevent them from demonstrating competence

KEY COMPONENTS OF THE ASSESSMENT PROCESS

1. Competence: Individuals are considered competent when they are able to consistently apply their knowledge and skills to the standard of performance required in the workplace. Both workplace and off the job training and assessment shall aim to ensure that individuals participating in the training have the competence to undertake their work role to the standard expected in a range of employment situations.

2. Competency based Assessment: It is the process of collecting evidence and making judgments on whether competence has been achieved. This confirms that an individual can perform to the standard expected in the workplace as expressed in the National Occupational Standards.

3. Collection of Evidence: Evidence collected may be direct, such as observation of workplace performance/hands on exercises or indirect, such as formal testing.

4. Evidence of Assessment: Standard assessment criteria sheet filled by each AB along with photographic/videography/documentary evidences are submitted to CSDCI

5. Judging Competence: An individual is considered competent after he/she has successfully completed an assessment covered under assessment criteria is achieved with the specified passing score.

6. Methodology of Assessment: Assessment may involve a variety of assessment methods. Can vary from assessor to assessor. However, the process is to broadly comprise of Knowledge & Skill assessments, with the later involving practicals/hands on work assessment.

7. Standards against which the students are to be assessed: National Occupational Standards pertaining to the concerned job role.

Annexure 5: Workshop Interaction

NEW DELHI WORKSHOP-Attendees List					
S.No.	Name	Designation	Organization	Moblie	Email
1	Mr. Saurabh	Manager	SPCL	8130429939	saurabh.bansal@shapoorji.com
2	Mr. Rajiv Talwar	B.E	R4 Engineers	9810128344	rt8654@yahoo.com
3	Mr. M.K Dubey	Sr. DGM	SPCL	9212700758	manoj.dubey@shapoorji.com
4	Mr. J.B Jain	GM	DIAL	9650194257	jb.jain@gmrgroup.in
5	Mr. B.P. Das	P.M	Simplex Infra	8750056284	bisnu.das@simplexinfra.net
6	Ms. Miriam J. Carter	Director	OPJCC	8827394990	miriam.carter@jindalsteel.com
7	Mr. D. Choudhuri	Sr. GM	ITD Cementation	9582009988	dibyendu.choudhuri@itdcem.co.in
8	Mr. GVN Acharylenu	PCH	HCC Ltd.	8800398941	gvn.acharylenu@hccindia.com
9	Mr. D.S. Sachdev	Former Director General(CPWD)	Retd.	9810501033	dss1949@gmail.com
10	Mr. Shafiq Malik	Project Engineer	Appricate In	9811156947	shehjad.malik@yahoo.com

MUMBAI WORKSHOP -Attendees List					
S.No.	Name	Designation	Organization	Moblie	Email
1	B.S.Fegade	Asst. Manager	L & T-Chiyoda	9819863858	bhusanfegad@Intchiyoda.com
2	Jayanta Chowdhary	Asst. Manager	L & T-Chiyoda	9920228578	jchowdhary@Intchiyoda.com
3	Shakib Khan	Asst. Manager	L & T-Chiyoda	8898762771	shakibkhan@Intchiyoda.com
4	L.V Deshpande	Manager	L & T-Chiyoda	9923632308	laxikantdeshpande@Intchiyoda.com
5	Orille Gonsalves	Asst. Manager	L & T-Chiyoda	9870770678	oriilegonsalves@Intchiyoda.com
6	Hardik L	Asst. Manager	L & T-Chiyoda	9619331060	hardiklalpuria@Intchiyoda.com
7	Rajeev	Asst. Manager	L & T-Chiyoda	8879332661	prashant@Intchiyoda.com
8	Abhishek Kandoi	Asst. Manager	L & T-Chiyoda	9819120750	abhishekkandoi@Intchiyoda.com
9	Ashish Devale	Asst. Manager	L & T-Chiyoda	9892864964	ashishkumardevale@Intchiyoda.com
10	Cherala Manohar	Manager	HCC/Ho	9820319803	manohar.cherala@hccindia.com
11	Sachin Chorge	Sr.Manager	Steiner India	9769135556	sachin.chorge@steiner India.com
12	Jaiveer Tomar	Co-ordinator	Steiner India	9920426466	jaiveer.tomar@steiner India.com
13	M.B.Bajnlge	VP	ITNL	9967588364	mb.bajnlge@ilfsindia.com
14	Rajiv Pandey	VP	Dextra India Pvt Ltd	9321170805	rpandey@dextra
15	Anand Birajdar	Asst. Manager	Dextra India Pvt Ltd	9028494194	abirajdar@Intchiyoda.com
16	Shripad Bhat	Elect.Manager	L & T-Chiyoda	9920961586	shripadbhat@Intchiyoda.com

17	R.K.Upadhyay	Project Manager	ESSAR	9930135731	rajesh.upadhyay@essar.com
18	S.Jha	GM(Proj)	ESSAR	9833946485	sanjay.jha@essar.com
19	Shishir Koyare	Sr.Manager(Proj)	ESSAR	9930134871	shishir.koyare@essar.com
20	Rishikesh Bhoyani	Sr.Manager	ESSAR	9930136178	rishikesh.bhoyani@essar.com
21	Ravi Dewangan	Asst. Manager	L & T-Chiyoda	9967534612	ravidewangan@Intchiyoda.com
22	Dhiraj Parusram	Deputy Manager	ESSAR Project Ltd	9930133944	dhiraj.parusram@essar.com
23	Pankaj Srivastava	GM	Gammon India	9923591255	pankaj.srivastava@gtpl.com
25	Vijay Lad	Sr. Manager	ESSAR Project I Ltd	9930134543	vijay.lad@essar.com
26	Jaison Jose	Surveyor	DNV GL	9764904061	jaison.jose@dnvgl.com
27	Anand Deshpande		DNV GL	9822625621	anand.deshpande@dnvgl.com
28	Sanjay Jha	GM(Proj)	ESSAR	9833946485	sanjay.jha@essar.com
29	Ebrahim	Partner	Rounak Ent	9867503811	rounakenterprises@yahoo.co.in
30	Soma Das	Asst. Manager	L & T-Chiyoda	9619690624	somadas@Intchiyoda.com
31	Manoj Saini	DGM(Eqpt)	HCC	9769924677	manoj.saini@hccindia.com
32	Vijay Choudhary	Manager	HCC	9930033084	vijay.choudhary@hccindia.com
33	Gunasekar Rajamanickam	GM	HCC	9920390701	gunasekar.rajamanickam@hccindia.com
34	A.V.Patil	AVP	HCC	9892327820	aninash.patil@hccindia
35	D.P.Singh	Dy. GM	R-Infra	9320287836	dhirendra.prasingh@relianceindia.com
36	Chetan Mehta	Partner	Team Venture	9821154742	teamventure9@gmail.com
37	Girish Bonde	Head QA & QC	SPCL	9819888070	girish.bonde@shapoorji.com
38	Moosa Khan	DGM	SPCL	9167350342	moosa.khan@shapoorji.com
39	Neeraj Kapoor	Head Plant	SPCL	9768227141	neeraj.kapoor@shapoorji.com
40	Mukesh Rao	AVP	SPCL	9833122523	mukesh.rao@shapoorji.com
41	Avinash Harde	AVP	HCC	9920271852	
42	Chetan Hazare	DGM	HCC	9930193045	chetan.hazare@hccindia.com
43	Charmi	Interior Designer	Right Angle	8425044821	charmi.keniya@gmail.com
44	Ghanshyam	Partner	Diya Corp	9920981109	diyacorporation@yahoo.com
45	Sanjay Sarwate	Project Manger	L & T	9769776687	sarwate@Intecc.com
46	Verinoer Singh	Partner	Diya Corp	9820999886	diyacorp@yahoo.com
48	V.V. Ram Reddy	Project Head	L & T	9908927272	vvreddy@Intecc.com
49	Viren Jaisawal	Director	Right Angle	9323005060	rightangle@gmail.com
50	Hiren Doshi	Partner	Unicon Infra	9820684814	uniconinfra@outlook.com
51	Prakash S	Project Director	L & T	9909979182	prakasht@Intecc.com
52	S Shanker	DGM	HCC	9820318374	shankar.s@hccindia.com
53	Mansoor Khan	Partner	Engneer Construction	9768384286	khan.m.engineer@gmail.com
54	Mahendra Mehta	System Support	System Support Services	9820792570	mahendra@sysss.com

PUNE WORKSHOP-Attendees List

S.No.	Name	Designation	Organization	Moblie	Email
1	S.I.Chum Khare	Past Chairman	BAI	9371015729	
2	Sanjay Vaichal	M.D	Vaichal Constructions Pvt. Ltd.	9822034103	sanjayvaichal@gmail.com
3	Neelkanth Joshi	State Chairman	BAI, Pune	9226787330 / 9850899369	joshineelkanth@yahoo.com
4	Tushar Banekar	Regional HSE Coordiantor	S.P.C.L	9922417379	tushar.banekar@shapoorji.com
5	Sachin Dhere	Project Manager	Steiner-HCC	9867020444	
6	Vinodrow B	Manager- QAPOC	Steiner India Ltd.	9096084672	
7	Parwar Jhans.D	Engineer AESAs Excom	Architects, Engineers and Surveyors Association	9422015742	
8	Sachin Joshi	Chairman	Architects, Engineers and Surveyors Association	9823483348	joshiasso@gmail.com
9	Puneet Khullar	Sr. Manager (MEP)	S.P.C.L	9552566808	puneet.khullar@shapoorji.com
10	Col.(Dr) J R Sharma	CEO	Kushal	8390906372	
11	Rajiv Gambhir	Principal academic	Kushal	8390906368	
12	Kavish Thakwani	Director	Avishkar Realty	9922790139	kavish_thakwani@avishkarrealty.com
13	C.H Ratalani		BAI	9822057300	chandvrna_ratalani@yahoo.co.in
14	V.N Deshpande		Sterling & Wilson	9850117941	vsdeshpande@scerlingwilson.com
15	Vaibhav Chitrao	Add. G M	S.P.C.L	9850188512	vaibhav.chitrao@shapoorji.com

CHENNAI WORKSHOP - Attendees List

SI No.	Name	Designation	Organization	Moblie	Email
1	Mr. S D Shete	Project Head	L&T Construction (ERM)	8875012453	shete@Intecc.com
2	Mr .N.P.Varadharajan	Head- Workmen Management Centre	L&T-Infra (ERM)	9444398859	npv@Intecc.com
3	Mr. K.Gurusamy	Project Manager	L&T	8754490895	kgs@Intecc.com
4	Mr. R.Srinivas	Talent Development	L&T HCI IC	9962982914	srinivas.remeka@Intecc.com
5	Mr. C.J.A.Davidraj	Head- Finishes	L&T-B&F	9444018731	cjad@Intecc.com
6	Mr. B.Murugesan	Head-Tach- Center	L&T- Construction	9444172918	murugesan@Intecc.com
7	Mr. S.Ganesan	Project Manager	L&T	9443485382	swagan@Intecc.com
8	Mr. K.Jaikishan	DGM-P&M	L&T(B&FIC)	8754174459	jaikishan@Intecc.com
9	Mr. V.S.Ramana	GM-CSR visit	L&T	9940198135	vsramana@Intecc.com
10	Mr. A.Balaji	Additional GM- Project	Shapoorji Pallonji	9282443036	aravamudhan.balaji@shapoorji.com
11	Mr. Lakshmi Narayanan		Shapoorji Pallonji	9282177242	lakshmi.narayanan@shapoorji.com
12	Mr. K.Karventhan	Manager Tender	Shapoorji Pallonji	9786178102	karventhan.kethirvel@shapoorji.com
13	Mr. Amir zaidi	HOD Planning	Afcon Infra	8754592530	amir.zaidi@afcons.com
14	Mr. Santosh Chourasia	Planning Manager	Afcon Infra	8754592924	santoshchourasia@afcons.com
15	Mr. Vishnu N	Project Engg.	Brigade Groups	9841694402	nvishu@brigadegroup.com
16	Mr. Palani Chrmy.S	Dy.Manager	Brigade Groups	7401279786	palanichrmy@brigadegroup.com

17	Mr. G.Sureshkannan	AGM-HR	URC Construction	9750505858	sureshkannan.ganeshan@urc.in
18	Mr. M.Kettimuthu	AGM-Admin	URC Construction	9976502222	kettimuthu.muthusany@urc.in
19	Mr. D.Lokesh Kumar	Project Engg.	4 Pillars Construction	7299908792	lokeshdalpsn@gmail.com
20	Mr. Pandian	Project Engg.	4 Pillars Construction	7299908793	pandiancivilrocks@gmail.com
21	Mr. A.A.Venkateswaran	DGM-Projects	VA Tech Wabag Ltd.	9362744004	aa_venkateswaran@wabag.in
22	Mr. S.Rajendran	General Manager	Hari Haran Foundation (P) Ltd.	9360224082	srajendran@hariharanfoundation.com
23	Mr. J.V.R.Murthy	DGA-EEB	Essar Projects	8939885233	mtata@essar.com
24	Mr. M.Sundara Murthy	Team Leader	Aarvee Associates	9500095156	murthymanickam@gmail.com
25	Mr. Balaji.M	Head-Learning & Training	Saint -Gobain Glass	9789986778	balaji.m@saint-gobain.com
26	Mr. A.R.Deepan Chakravarthy	MD Alankar	Alankar Construction	9043526292/9841763108	catchmedeepan@gmail.com
27	Mr. M.Muthusekaran	Site Manager	SRM Construction	7402071613	selvanpm26@gmail.com
28	Mr. M.Sankar	MD	Yashva House Pvt.Ltd.	9444455349	sankar@yashvagroups.com
29	Mr. K.Umapathy	Pro.	Janani Constructions	9841644840	jananiconstructions@hotmail.com
30	Mr. Sudeep Kohre	Project Manager	Trimurth Hitech	9381792283	sun_kohre@yahoo.com
31	Mr. P.Karthikeyan	Proprietor	Klinc Construction & Services	9841097974	klinc@rediffmail.com
32	Mr. A.Shamsudeen	Managing Director	Anish Infra Pvt.Ltd.	9842227886	anishbuilder@gmail.com
33	Mr. R.Gopinath	Managing Director	Sivastam Builders Pvt.	9444059026	sivastambuilders@gmail.com
34	Mr. J.Paul Nixon	Manager	Motherland Builders	9840638695	motherlandbuilders@gmail.com
35	Mr. N.Panimaran	General Manager(Project)	Setps stone Promotors Pvt.Ltd.	9841699012	Projects@SetpsstonePromotorsPvt.Ltd.

36	Mr. M.SenthilKumar	Proprietor	Honey Builders	9940650400	targetsenthilkumar@gmail.com
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LUCKNOW WORKSHOP - Attendees List

Sl No.	Name	Designation	Organization	Moblie	Email
1	M Srivastava	Head-Hr	Shalimar Group	9792717302	headhr@shalimar.org
2	Kishan	SPE	Hyatt Hotel	9721450503	kpsingh81@yahoo.co.in
3	R P Mourya	A G M	Vijay Nirman	7525014485	mourya.rp@vijaynirman.com
4	Vivek Sinha	Sr Project Manger	Chartered Hotels	9721450946	viveksinha@charterhotels.com
5	Ms.Anjani		Eldeco Group		
6	Mr.S.K.Grag	Owner	Eldeco Group		
7	Surya Prakash	Branch office coordinator	Deserve Builders & Developer Ltd,	9453929071	
8	Ajay Mishra	Sight Incharge	Deserve Builders & Developer Ltd,	7376143413	Ajymishra@rediffmail.com
9	Sanjay Tewari	AVP Operation	DLF Home Developers Ltd	9721900004	tewari.sanjay@dlf.in
10	S K Jaggi	COO	Eldeco Group	9956824999	skjaggi@eldecohousing.co.in
11	Neeraj Rastogi	MD	Jugal Kishore Estate	9415101851	jkroopika.rastogi@gmail.com
12	Devendra Singh	MD	GKR Infra	8795999999	gkrinfra@gmail.com
13	Col Kbu Kaul	GM(HR)/Manage ment	Rohtas Project Ltd Prosix Infotech Pvt Ltd	9919501365	kbu_kaul@yahoo.com

14	Rajeev Pandey	DGM	Horizon	9839977951/ 8193800061	rajeev.pandey@hdpl.in
15	G C Srivastava	Head of constructon	Kanchhal Group	9415110325/ 7617008938	gyan3004@gmail.com/ gc.srivastava@kanchhalgroup.i n
16	Prakhar Nigam	Asst project Manager	Kanchhal Group	9919651111	prakhar.nigam@live.in
17	Anil Tewari	Director	Eldeco Group	9839404003	aniltewariyo@gmail.com
18	Adarsh Srivastav	Sr. Executive	Parsvnath Developer	9415601875	<a href="mailto:adarsh.srivastav@parsavnath.c
om">adarsh.srivastav@parsavnath.c om
19	Amit Goel	DGM	Omaxe	9554969301	amitgoel@omaxe.com
20	K S Lal	SPM	Omaxe	9554969312	kamalshankerlal@omaxe.com
21	S K Pandey	AGM	Omaxe	9554969302	<a href="mailto:sureshpandey.2003@yahoo.co.i
n">sureshpandey.2003@yahoo.co.i n
22	Rohit singh	AGM	Omaxe	9935092310	rohitsingh@omaxe.com
23	Vineet Kumar	DPM	Omaxe	7895677777	vineetkumar@omaxe.com
24	Deepak	Engg	Omaxe	7379541555	deepak1323dahiya@gmail.com
25	Vinay	Engg	Omaxe	9555638906	vinay2@omaxe.com
26	Jitendra Gupta	DDM	Omaxe	9554969341	jitendra.gupta@omaxe.com
27	Sanil Kutty	Coorp Off	Signature Infra Developers Pvt.Ltd.	8127953657	lemonrealtors.assest@gmail.co m
28	Rahul Srivastava	Sr Manager	Palm Infra	8400099243	rahul.palminfra@gmail.com
29	Ravi Gupta	Billing Engg	Rishita Developers	9919991397	-
30	Rajnish	MD	R G Infra City	9935029666	-
31	Jagjeet Singh	Project Manager	Iconic Infra	8795887000	jagjeet.singh@iconicgroup.in

32	Manoj Srivastav	AGM	Unitech Infra	9839523828	manoj.civileng@rediffmail.com
33	Manoj	AGM	Chandra Modern Builders (I) Pvt Ltd.,	7607006978	manojmayatripathi@yahoo.com
34	S.S Rathour	VP	Adhunik Infra	9198609898	adhunikinfraengineers@gmail.com
35	A P S Rathore	JMD	AMR Global	9839343125	apsrathorelko@gmail.com
36	S. Morsain	JMD	AMR Global	9838203144	-
37	A K Verma	Manager	Sahara Prime City Limited	9415337949	vermajitkumar@gmail.com
38	Rajendra Srivastva	Asst Manager	Sahara Prime City Limited	9335233312	rajendra64@rediffmail.com
39	Manoj Sharma	Manager	Sahara Prime City Limited	9935506402	manoj.sharma@spclmail.in
40	Anand Sagar	Asst Manager	Sahara Prime City Limited	9415323910	anandsagar67@gmail.com
41	Satyendra Tripathi	Asst Manager	Horizon	8193800066	satendra@hdpl.com

BHOPAL WORKSHOP - Attendees List

SI No.	Name	Designation	Organization	Moblie	Email
1	Yuvraj Sharma	Site Super Visior	Essarjee Pvt Ltd	7771018853	
2	Vivek Khare	Site Super Visior	Essarjee Pvt Ltd	9584463324	neetuvivek22@gmail.com
3	Ratnesh Tripathi	Site Engineer	Essarjee Pvt Ltd	7773009910	ratneshtripathi25@gmail.com
4	M Trivedi	Site Engineer	Strelling Builder	8109523911	
5	Palak Dutta	Site Engineer	Strelling Builder	9826378251	

6	Surendra Patidhar	Staff	Navakar	9977341186	
7	M P Singh	Managing Partner	MPS contractor	9303737125	mpsbhopal@rdiffmail.com
8	Shakh Alasir	Staff	Sakh Contractor	9993634514	-
9	Asshu Kahan	Staff	A K Contractor	9303112723	
10	Zahar Hussian	Staff	Sadiya Contractor	9926467555	
11	Naresh Nawani	Head Planning & Construction	Paras Housing	9826020812	nareshbnawani@gmail.com
12	Nishant Pandey	Structural Engg	Ace Consultant	9893197435	
13	Anupam Soni	Structural Engg	Ace Consultant	8878800091	nishantpandey82@gmail.com
14	R M Chaurasia	T.o, Surve	MITI	9200212366	
15	Rajendra Birole	T.o, B/Construction	MITI	9713236082	rajendrabriole@gmail.com
16	Mahendra Choudhary	T.o, Plumber	MITI	9425676541	mahindrachoudhary1510@gmail.com
17	Prasant Deshmukh	T.o, D/M/C	MITI	9993777674	prasant19117140@gmail.com
18	Nitin Rajigare	T.o,Carpenter	MITI	9425761970	nitinrajigare@gmail.com
19	Ramsujan Vishwakarma	T.o,Carpenter	MITI	9691600281	mitibhopa@gmail.com
20	Parmod Mathur	T.o,Carpenter	Gas ITI	9893803846	mitibhopa@gmail.com
21	Santhosi Vishwakarn	T.o,Carpenter	Gas ITI	9907451045	gasiti.bpl@gmail.com
22	Smt Garima Tiwari	T.o,Painter	MITI	9425523245	garima.tiwari2305@gmail.com
23	Abhishek Tiwari	T.O,Carpenter	G ITI	9201010178	tiwariabhishek10@gmail.com

24	B.S.Rathore	W S A Plumber	G ITI	8109256158	
25	D. K Devedi	TC	MITI	8269369706	
26	R.N Shanuy	T.O,Painter	G ITI	9827738613	
27	Abhishek Singh	T.O,surveyor	MITI	9907224425	abhisheksingh071@yahoo.co.in
28	Archana Saxena	T.S	G ITI	9926616432	
29	Miss Archana Saxena	T.O CS	G ITI	9425687468	-
30	M B Reel	T O	G ITI	9425674862	-
31	Purnima jain	T S	G ITI		
32	A K singh	T.O	G ITI	9425462390	-
33	R S Raghuwansi	T.O	G ITI	9406543723	
34	Abhijit Kunda	T.O	G ITI	9425302278	abhijit.kunda.bpl@gmail.com
35	Praful Mandloi	T.O	G ITI	9827597376	praful.mandloi@gmail.com
36	V D Patel	T.O	G ITI	9039815846	-
37	S V Lokhande	T.O	G ITI	9926344548	-
38	J S Chandel	T.O	G ITI	99931766487	
39	V S Tiwari	T.O	G ITI	9993959474	-
40	K B Sable	T.O,electrician	G ITI	9981637434	-
41	Ajeet Kumar	T.O Rac	G ITI	9039828780	-
42	Santosh Vishwakarma	T.O	G ITI	9907451046	-

43	Pramod Mathur	T.o,Carpenter	G ITI	9893803848	-
44	P N Upadhyay	T.O	G ITI	9977403251	-

RAIPUR WORKSHOP - Attendees List

SI No	Name	Designation	Oraganization	Moblie	Email
1	Bal karan Verma	Civil Engineer	AVAM Consultants	9753777701	avam_consultants@yahoo.com
2	Gaurav Chandak	Civil Engineer	AVAM Consultants	7415367822	gauravc7591@gmail.com
3	G K Nande	Civil Engineer	C G Housing Board	9424209046	
4		Civil Engineer	C G Housing Board		
5	Mohan Poddar	Civil Engineer	C G Housing Board	9412155155	mohanpoddar69@gmail.com
6	Abhishek	CEO	D M Builders	9329101788	
7	Pankaj Sharma	MD	Monshire Buildtech	8109295911	pankajsharma@hotmail.com
8	R B Singh	Civil Engineer	URLA	9406096593	rajbahadursingh270@gmail.com
9	Umendra Kumar	Civil Contractors	Bhardwdaj Buildtech	9425574049	umendrasahu@gmail.com
10	Subir Acharya	Partner	Goel & Associates	9826122176	subiracharya@yahoo.co.in
11	Vivek Pal	Civil Engineer/Civil Contractors	Friends Construction	9165599993	-
12	Sahil Gridhar	Contractor Civil/Erection	Gridhar Builder & construction	9630350005	gridharbuilder@gmail.com
13	Anurag pandey	Civil Engg(Site)	Fortune Buildcon	9770532262	

14	Lokesh Sinha	MD	Fortune Buildcon	9981178121	fortunebuildcon.2@gmail.com
15	Avinash Jain	Director	AVR Infratech	9300177299	avinashjain@rediffmail.com
16	H S Sodhi	ED	S K Samanta	9836164090	
17	Narendra Tekwani	P Engg.	AishwaryaGroup	9584566000	-
18	Peter Evasmus	Master Trainer	OPJCC	8827478330	peter.evasmus@opjccraigarh.edu
19	Prabal Bhardwaj	Recurit & Placement	OPJCC	7389910789	prabalbhardwaj@gmail.com
20	Nitin Chaubey	Manager Training & Placement	OPJCC	7389910777	nitinchaubey@opjccraigarh.edu
21	Aakash Luthra	Partner	Vas Nirman	9893731000	vasnirman@gmail.com
22	Lomesh	Sub Engg	C G Pwd	8103601804	lomesh270@gmail.com
23	Ashish	Sub Engg	C G Pwd	9993840226	ashishwarlyani@gmail.com
24	Rameshwar	Sub Engg	PWD Raipur	9165679990	rd02@dr.com
25	Chandrakant Nishad	Jr Engg	Chopra Builders	8982948051	nishadchandrakant@gmail.com
26	Sonu	Jr Engg		9753522603	
27	T S Thakur	Proprieter	Srinagar Rpr	93011839309	
28	S. Madhu	Proprieter	Tripura Rpr	955905503	
29	R K	Proprieter	Bhalagaon Rpr	9826626556	-
30	ViNot Foundd Bhardwaj	Const Engg	Arani Associates	9826466533	-
31	Sunil Thakur	Civil Engg	Green avenue	9329118725	

32	Balmukund	Sub Engg	C G P W D	9406081855	-
33	Bhagwan Das	Sub Engg	C G P W D	9098197883	
34	Nirmal Muskan	Supervisor	C G P W D	7879397578	
35	H K Binayak	Sub Engg	PWD	9425559871	-
36	Damendra Verma	Sub Engg	PWD	9993290890	-
37	D L Dhru	S E	PWD	9479106219	-
38	Sarvesh Mathur	Regional Manager	Labournet	8800446657	-
39	Chetan Dixit	Sr Manger	Labournet	9811525485	
40	Ranjan Kaur	Head Training	KSK Power	9963320011	ranjank@sk.co.in
41	Hemant Arora	Sub Engg	Lok Nirman	7587061880	h_rpr@
42	Gurpreet Singh	Owner	G S Construction	9981063333	gurpreet1941@gmail.com
43	Ranjan	Manager	M J Construction	9302806932	miconstruction66@yahoo.in
44	Akshay	Student	IIM Raipur	8349501008	pgp13008.akshay@iimraipur.com
45	Abhijeet	Student	IIM Raipur	8349501001	pgp13001.abhijeet@iimraipur.com
46	Subash Pal	Civil Contractors	Friends Construction	9424171888	-
47	Jogiram Sahu	Civil Contractors	Friends Construction	9981475565	-
48		Civil Contractors	Friends Construction	93291100227	-
49	Prabhu Lal	Civil Contractors	Friends Construction	9009902061	-
50	Ram	Civil Contractors	Friends Construction	9713202538	-
51	Ganesh	Civil Contractors	Friends Construction	9826426560	-
52	Sant Kumar sahu	Civil Contractors	Friends Construction	9009662877	-

53	Mohan Anty	Chairman	CG BOC Board	9826134200	-
54	Prafull	CMD	PSND Real Estate Pvt Ltd.	9669337555	prafull1098@gmail.com
55	K Roy	DPM	Simplex Infra	9425297257	kshudiram.roy@simplexinfra.net
56	C S be	EE	CGHB	8223945566	-
57	Yogesh jain	Partner	CGHB	9302080001	jainyogeshanuga@gmail.com
58	A Shrivastwa	A E Q	PWD	9424120983	abhinav3041@rediffmail.com
59	Dara Singh	Contractor	Himalaya Rooftech Engg	9993992107	-
60	Sanjay Dev	Owner	Shubash Construction	9827167450	-
61	Hemant	Owner	Shubash Construction	9308687895	-
62	Santosh sahu	Contractor		9926137330	-
63	Lucky Chopra	Manager	Jai Shree const	9424275444	laxmicc@gmail.com
64	Cahtrapal Patel	Contractor	Private	9893371739	-
65	S N Tamrakar	Proprieter	Anew Const	9826157244	-
66	Chinuram Sahu	Contractor	Private	9669353478	-
67	Faaguram	Contractor	Private	9827117252	-
68	M K Soni	Site Assistant	PWD	9827972340	-
69	Sunil Deshmukh	Engg	SSO,Durg	8130678358	-
70	Pawan Patel	Contractor	Private	9926210459	-
71	P K Sahu	Sub Engg	PWD	9827181754	-
72	M K Sahu	Sub Engg	PWD	9893571641	-
73	Fhal singh Sahu	Contractor	Private	9827312180	-

74	Shiv Kumar	Contractor	Private	9074236766	-
75	Ram Kumar	Site Supervisor	Private	8253075659	-
76	Purnima Gautam	HR/ADM	Ralas Group	9669877700	-

KOLKATA WORKSHOP - Attendees List

Sl No.	Name	Designation	Organization	Moblie	Email
1	Bimal Singh Sethia	Director	Satyam Projects Limited	9433010000	bssenthia@gmail.com
2	G N Pramanik	R T M	L & T	9830130281	pramanikgn@Intecc.com
3	Manish Kumar	P M	L & T	9007003153	manishkumar@Intecc.com
4	Manish Chauhan	P M	L & T	9007003153	mPCR@Intecc.com
5	P K Som	P M	L & T	9830144335	pkSom@Intecc.com
6	P K Soni	Project Director	L & T	8435003700	pksoni@Intecc.com
7	S.K. Mukherjee	Sr. Manager	L & T	9432274588	subirm@Intecc.com
8	Ranjan Jaiswal	P D	I T D Cementation	8584016777	ranjan.jaiswal@itdcem.co.in
9	Tarun Singha Roy	Sr.GM	Shapoorji Pallonji	9874177918	taron.singharoy@shapoorji.com

10	Avijit Banarjee	DGM	Shapoorji Pallonji	8336907905	avijit.banarjee@shapoorji.com
11	Prithwijit Sanyal	Sr. Engg	Shapoorji Pallonji	9433911357	prithwijit.sanyal@shapoorji.com
12	Nilmadhal Banrjee	DGM Hr	I T D Cementation	9748742175	n.bandyopadhyay@itdcem.co.in
13	Suman Banarjee	Dy Mgr(Hr)	Simplex Infra Ltd	9163612225	suman.banarjee@simplexinfra.com
14	Malu Roy	Sr.Engg	Simplex Infra Ltd	9126143030	maluroy33@gmail.com
15	S.Dutta	Sr.Project Mgr	L & T	9007752655	sdutta@Intecc.com
16	D Das Roy	Dy Mgr	L & T	9903327664	ddr@Intecc.com
17	C.Chattergi	Sr.Const.Mgr	L & T	9903993157	chandrachur@Intecc.com
18	Tushar Kanti Das	Mgr.Accounts	L & T	9903375101	tusharkdas@Intecc.com
19	Tarakanath Haldar	Sr.Mgr	L & T	9163409195	tnh@Intecc.com
20	C.K.Jana	Sr.Mgr	L & T	9748968227	ckjana@Intecc.com
21	R Elangover	PM	L & T	9007016602	elangover@Intecc.com

22	Naqib	Sr.Mgr	I T D Cementation	9832792975	naqib.itdcem@gmail.com
23	Rajat Sen	Planning Engg	I T D Cementation	8013253954	rajat.sen@itdcem.co.in
24	Ashraf Ahmad	Construction Mgr	I T D Cementation	9163363449	ashrafsiddiqui73@gmail.com
25	Soumik Sen	Chief Engg	M. N. DASTUR & COMPANY (P) LTD	8790892930	soumik.s@dastur.com
26	Nilmoni Roy	Proprietor	CASCON	93300-37471	roynilmoni@yahoo.co.in
27	Santanu Choudhary	PM	Mcnally Bharat Engg Co Ltd	9830269495	santanu.ch@mbecl.com
28	Sushanta	Manager	L & T	9007082995	sushanta@Intecc.com
29	Ayan Banarjee	Dy GM	Primare Projects ltd	9007038699	ayan.banarjee@primare.in
30	G C Gupta	Proprietor	G C Gupta	9433045345	gupta.gc@gmail.com
31	Subhasis Hazra	Senior Construction Manager	L & T	9433560937	hazaras@Intecc.com
32	P K Banarjee	President	Space group	9836900366	pkbanarjee@spacelifestyle.com
33	Sankar Basu	Project Co-ordinator	Space group	9826900011	sankar@spacelifestyle.com
34	S N Bandyopadhyay	Head Construction	Mcnally Bharat Engg Co Ltd	9830977660	sambhu.bandopashyay@mbecl.com
35	Himadri Sen	Asst Gm Const	Mcnally Bharat Engg Co Ltd		himadri.sen@mbecl.com

Guwahati Workshop-Attendees List

S.No.	Name	Designation	Organization	Moblie	Email
-------	------	-------------	--------------	--------	-------

1	Mr. S.C.Goswami	Chief Eng.	Assam Police Hsng. Corp.	7399025301	comcell@aphc@gmail.com
2	Mr. Somnath Maity	Sr. Eng.	Shapoorji Pallonji	9706082456	somnath.maity@shapoorji.com
3	Mr. Abhilash Choudhary	DGM	Shapoorji Pallonji	9706082461	abhilash.choudhary@shapoorji.com
4	Mr. Sanjeeb Kanati	Director (MS)	Third Eye Education pvt.ltd.	9435014576	sanjeebkanati@gmail.com
5	Mr. Prasanta Dutta	Admin Officer	BSDTI	8471891737	-
6	Mr. Uttam Gogoi	Instructor	BSDTI	8752921299	uttamgogoi47@gmail.com
7	Mr. Rupam Sonowal	Instructor	BSDTI	9435863284	rupamsonowal21@gmail.com
8	Mr. Pronab Hazarika	Instructor	BSDTI	9957440278	-
9	Mr. David gogi	Instructor	BSDTI	8812073773	-
10	Mr. Moheshwar Dowarak	Instructor	BSDTI	9954294704	-
11	Abhijit Saikia	Instructor	BSDTI	9957930624	abhijit.saikia777@gmail.com
12	Mr. Dvleswar	Instructor	BSDTI	9401212076	-
13	Mr. Juginda Urang	Techer	BSDTI	7399479880	
14	Mr. Bhaskar Saikia	Techer	BSDTI	9957204625	
15	Mr. Biju Bor Saikia	Computer Operetor	BSDTI	8822023725	bijuborsaikia2013@gmail.com
16	Mr. Anup Rajkonala	Civil contractor	BSDTI	9957004138	anuprajbuild2@gmail.com
17	Mr. Labin Karmakar	Chairman	BSDTI	9435131026	labinkarmakar1973@gmail.com
18	Mr. Satish Kumar Mittal	Partner	Mittal associates	9864013881	satishmittal236@yahoo.com
19	Mr. Kshama Dhor Delea	Contractor	10CL BGR	9435512586	kshama.delea@gmail.com
20	Mr. Haren Saikia	Director	Swana Valley Construction Pvt.Ltd.	9864006167	saikia2000@gmail.com

21	Mr. Lakhijit Saikia				lakhijit2@gmail.com
22	Mr. Sanjib Raj Konwar	Proprietor	Rajkonwar Associate	9859382553	raikonwarandsons@gmail.com
23	Mr. Jitin Talnkdon	Business	G.G.Tratation	9864761401	jitintalnkdon30@yahoo.in
24	Mr. Sant Lal Mittal	Partner	BMM Associates	9435044241	mittalsantal@yahoo.in
25	Mr. Rajendra Kumar Deka			8011747351	-
26	Mr. Tapan Sarama			9854633566	-
27	Mr. Rakesh Sarama			9707437586	rakeshsaramr23@gmail.com
28	Mr. Tarun chandra Kakati			943538643	tarunkakati@hotmail.com
29	Mr. Girin Chandra. Gogoi	Business	BCPL/OIL	9435533773	ginragro@gmail.com
30	Mr. Arvind Kochar	Business	Jainex	9864018000	arvind@jainexgroup.in
31	Mr. Prhupan Chetia	Structural work	Contractor(Prop.)	9954216535	-
32	Mr. Binoy Khandelia	MD	NEEFS (India) Pvt.Ltd.	8399005168	neffsindia12@rediffmail.com
33	Mr. Ali			9864297663	-
34	Mr. Amit			9706119242	-
35	Mr. Syed Md. Bakir	Chief Eng. CARIITSP & RIDFI	PWD	9435077267	bakir23@rediffmail.com
36	Mr. Debajit Bhuyan	Under Secretary	PWRD	9864067953	debajitbhuyan@yahoo.co.in
37	Mr. ER. Saleh Ahmed Choudhury	AEE	PWRD	9435072821	sacz.net@gmail.com
38	Mr. Ranjit Borthakur	Assistant Director	DECT Assam	9435472767	ranjit.borthakur@rediffmail.com
39	Mr. Mousumi Sen	Joint Director	DECT Assam	9435116814	mсен_2018@yahoo.com
40	Mr. Jibon Bheli	Contractor	ONGC	9435157011	jibon123middilmil.com

41	Mr. Manoj Singh		CPWD	7033830031	-
42	Mr. P.K Sharma	Presedent	Credai Assam	9435145537	pranab_sharma92@yahoo.com
43	Er. Prahlad Sankar Bhagawati	Sr. Manager	NEEPCO Ltd	9854971058	ps.bhagawati@yahoo.com
44	Mr. M.Bezbarouer	Admin Manager	Care (NGO)	9707050640	-
45	Mr. B.C.Barbaruah	Director General	DECT Assam	9443518553	dirdect@gmail.com

Hyderabad Workshop-Attendees List

S.No.	Name	Designation	Organization	Mobile	Email
1	Lt.Col. (Retd.) R.V. Rao	Addl GM	SPCL	9581225601	renati.rao@shapoorji.com
2	Mr. P. Mohan Pillai	Dy. GM	SPCL	9246289123	mohan.pillai@shapoorji.com
3	Mr. N. Parameswara Rao	Manager	SPCL	9494766678	parameswara.nandam@shapoorji.com
4	Mr. Srinivas	Sr. Eng.	SPCL	8096392323	srinivas.choutopalem@shapoorji.com
5	Mr. P. Rangnatha	Member	CREDAI, A.P	9866220900	sthpath:kn1@gmail.com
6	Ms. S. R. Malivi Devi	Manager	Involute Institute of Tech. TIG	9949012382	maliuisenkara@involutetraining.com
7	Mr. Chakradher M	CEO	Dhanush Engg. Services (I) Pvt. Ltd.	9849172771	chakradhar@maptraining.com
8	Mr. J. Jawaharlal	GM Operations	Dhanush Engg. Services (I) Pvt. Ltd.	9848475040	jawaharlal@maptraining.com
9	Mr. P. Shiva Shankar	Assistant Director	National Academy of Construction	9440683583	infoznac@gmail.com
10	Mr. Hemu Bhalla	Assistant Director	National Academy of Construction	9912399361	hrathod2015@gmail.com
11	Mr. A. Ramesh Kumar	Assistant Director	National Academy of Construction	9618218230	rameshkumar405@gmail.com
12	Mr. D. Venkant Ram	Dir/HD/& MR	National Academy of Construction	9701818521	
13	Mr. Niraj Seth	Director	EY	9818340571	niraj.seth@in.ey.com
14	Mr. M. V. Rajeshwara Rao	CEO	CREDAI, HYD	8008579620	mvrajeshwararao@gmail.com
15	Mr. P.Gangadhar	Director, NAC	NAC, HYD	9395102825	gpendkar@gmail.com

16	Dr. B. Chenna Kesava Rao	Principal	CBIT	9866141821	principal@cbit.ac.in
17	Mr. C. Srinivasulu	MD	C. S Consultants Miya Pur, HYD	9177370356	cs_srinivas123@yahoo.co.in
18	Mr. V. Ravindra Charya	Retd. CE.	GHMC/ BSCPL	9885172672	ravi_velijala@yahoo.co.in
19	Dr. N. Ananth Reddy	Dy. Director	Ground Water Consultancy	9392321236	drnareddy@yahoo.com
20	Mr. P. Haribabu	Chief Consultant	Aparna Constructions and Es	8096905554	p.haribabu@aparnaconstructions.com
21	Mr. K. Bikshapathi	DG	NAC	9177445595	bkondai@yahoo.com
22	Mr. L. Srinivas	P.M	Ankur Projects pvt. Ltd. Hyd	9866387389	srinivalella@yahoo.co.in
23	Mr. B. N. Mani	Ex.Sr.Mgr.Trng.	Pipal Tree Venture pvt. Ltd.	9603832266	bnagamani@pipaltreeventure.com
24	Prof. K. R. Ramana	Professor	National Institute of Construction Management & Research	9849065624	kr.ramana@gmail.com
25	Dr. V. Srihari	Professor Dy Dean	NICMAR	9492921771	vsrihari@nicmar.ac.in
26	Prof. Raja Sekhar Mamillapalli	Assistant Professor	NICMAR	9502334187	nitmtech@gmail.com
27	Ar. Er. S. P. Anchuri	Architect & Structural Eng.	Indian concrete institute	9246523197	spanchuri@gmail.com
28	Mr. A. S. Rajendra	P.G. Student	NICMAR	9908259913	rajendra.attili47@gmail.com
29	Mr. V. Pavan Kumar	P.G. Student	NICMAR	9885099929	pavan.vutukuru1@gmail.com
30	Mr. G. V. Vijay	Dept. Head Maintenance	Involute Training	9959232315	vijaychandra@involutetraining.com
31	Mr. N. Kishore	Dy. Center Manager	Involute Training	9666520884	narrakishore@involutetraining.com
32	Mr. K. Krishna Reddy	KKR Foundation- Managing Trainee	KKR Foundation	9866594107	kreddy@gmail.com
33	Mr. M. Kannan	Manager	L&T, HCIC	7702277739	vtmk@Intecc.com

34	Mr. S. Shahul Hameed	Project Co-ordination	Giridhari Constructions	8106833800	sshameed2012@gmail.com
35	Dr. K. Jagannadha Rao	Professor	CBIT	9849075484	kjagannadherao@cbit.ac.in
36	Mr. Rama Mohan Rao	Retd. Regional Manager	NSIC	9440667959	
37	Mr. P. Haritha	Faculty-NAC	NAC	9618674916	parucheriharitha05@gmail.com
38	Mr. T. Rama Krishna	Director	Synergy Infra Consultant	9949985840	samakrishna@synergyinfra.com