CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Handicrafts and Carpet Sector Skill Council 3rd Floor, OCF, Plot No. 2, Pocket – 9, Sector – B, Vasant Kunj, New Delhi – 110070

Name and contact details of individual dealing with the submission

Name: Ms. Anupama Giri

Position in the organisation: CEO

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Tel number(s): 011-26133165

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List of documents submitted in support of the Qualifications File

- 1. Career Progression of Handicrafts (Ceramics) Sub-Sector
- 2. List of QP/NOS validating companies
- 3. Requirement and recommendation letter from Line Ministry
- 4. Qualification Pack
- 5. Curriculum
- 6. Minutes of the meeting of GC Consultation meeting
- 7. NSDC Human Resource & Skills Requirement in Handloom & Handicraft Sector
- 8. RFP for development of Occupational Standards
- 9. Selection process of the Consultants to develop Occupational Standards

SUMMARY

1	Qualification Title	Casting Operator (Metal Handicrafts)
2	Qualification Code, if any	HCS/Q2801
3	NCO code and occupation	NCO-2015/7211.0100
		Moulder, General
4	Nature and purpose of the	- To get people employed in
	qualification (Please specify	metalware industry
	whether qualification is short	,
	term or long term)	
5	Body/bodies which will award	Handicrafts and Carpet Sector Skill
	the qualification	Council (HCSSC)
6	Body which will accredit	Handicrafts and Carpet Sector Skill
	providers to offer courses	Council (HCSSC)
	leading to the qualification	,
7	Whether	The accreditation/affiliation would be
	accreditation/affiliation norms	processed only through the link below:
	are already in place or not , if	http://smart.nsdcindia.org/
	applicable (if yes, attach a	
	copy)	
8	Occupation(s) to which the	Metal Casting and Stamping
	qualification gives access	
9	Job description of the	The individual at work is responsible
	occupation	for preparing the mold, melting metal,
		pouring the liquid metal into a mold,
		solidify and cool to attain the desired
		shape as per the requirement. The
		person often uses this method for
		complex shapes choosing from the
		different methods of casting.
10	Licensing requirements	N/A
11	Statutory and Regulatory	The said job role is required in the
	requirement of the relevant	respective sector (evidence attached in
	sector (documentary evidence	Annexure 3)
	to be provided)	
12	Level of the qualification in the NSQF	4
13	Anticipated volume of	330 {(NOSs + Bridge module =
	training/learning required to	270)+(Entrepreneurship + Soft Skills=
	complete the qualification	60)}
14	Indicative list of training tools	Notebooks, pens, pencils, white board,
	required to deliver this	board marker, tools, samples of
	qualification	handicraft products, weighing scale,
		measuring scale, inch tape, hammers
		and anvils, pincers, hand drills, files
		and scrapers, metal scrap, coal, fire
		clay, sand, crucible, bars, blower,

		resin, firewood					
15	Entry requirements and/or recommendations and minimum age	Basic literacy; preferably 5th class pass					
16	Progression from the qualification (Please show Professional and academic progression)	Shift in charge / Production in charge					
17	Arrangements for the Recognition of Prior learning (RPL)	A 3-day RPL program has been devised to certify the trainees.					
18	International comparability where known (research evidence to be provided)	N/A					
19	Date of planned review of the qualification.	2020					
20	Formal structure of the qualification of the qualif	tion					
	Title of component and identification code/NOSs/Learning outcomes	Estimated size (learning hours)	Level				
(i)	HCS/N2801 Perform pre casting requirements	60	4				
(ii)	HCS/N2802 Cast the metal surface	60	4				

(iii)	HCS/N9901 Coordinate with colleagues and work as a team	30	4
(iv)	HCS/N9902 Maintain safe work environment	30	4
(v)	HCS/N9903 Maintain personal health	30	4
(vi)	HCS/N9904 Basic business management	60	4

Total	270	

SECTION 1 ASSESSMENT

21 Body/Bodies which will carry out assessment:

The assessment bodies affiliated to the Handicrafts and Carpet Sector Skill Council will carry out the assessment.

- Rational Multi Skills (RMS)
- Trendsetter Skill Assessors
- CEE Vision Technologies Pvt. Ltd.
- Cindrel Technologies Private Limited
- NICE Educational & Welfare Trust

22 How will RPL assessment be managed and who will carry it out?

RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack.

The process of RPL assessment is under development.

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

The assessment is managed by the assessment agency using the question bank approved by the sector skill council which has both the theory and practical questions, the questions are then divided into many different sets so that all students don't get the same questions once the assessment is done the result is compiled and sent to the sector skill council .The NSQF level 2 and 3 qualifications has a passing marks of 50% and NSQF level 4 and above has 70% as passing marks.

ASSESSMENT EVIDENCE

Assessment Criteria	
Job Role	Casting Operator (Metal Handicrafts)
Qualification Pack	HCS/Q2801, v1.0
Sector Skill Council	Handicrafts and Carpet

Sr. No.	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 each PC.
2	Each NOS will assessed both for theoretical knowledge and practical
3	The assessment will be based on knowledge bank of questions created by the SSC.
4	Individual assessment agencies will create unique question papers for theory and skill practical part for each candidate at each examination/training center
5	To pass the Qualification Pack, every trainee should score a minimum of 70% in every NOS
6	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

HCS/N2801	Perfor	m pre casting	Total marks (600)			
		ements				
NOS Element	Perforr	mance Criteria		Out of	Theory	Skills Practical
Understanding	PC1.	instruction from the supervisor		8	4	4
work requirement	PC2.	understand the job sheet and the casting method		8	4	4
	PC3.	plan the target on number of pieces to be completed	100	8	4	4
Assembling the required raw materials	PC4.	select the appropriate tool and machine for casting such as coal, course blade, crucible, furnace, refrigerator bricks		9	4	5
	PC5.	arrange for the furnace preparation		9	4	5

	PC6.	collect and arrange the materials to begin the process		8	4	4
	PC7.	report on any shortage or defect of raw materials to the concerned person		8	4	4
	PC8.	ensure to stock the required materials in advance		8	4	4
	PC9.	collect the metal product to be casted		8	4	4
Setting the	PC10.	check for the working condition of the casting machine in case if using the machine		8	4	4
machine	PC11.	understand the operation of the machine for do's and dont's		9	4	5
	PC12.	set the machine to begin the process		9	4	5
	TOTAL	POINTS		100	48	52
			Total marks (600)			
HCS/N2802	Cast tl	ne metal surface				
NOS Element	Perforr	mance Criteria		Out of	Theory	Skills Practical
Preparing the mold	PC1.	decide on the type of mold to be prepared, if closed mold or open mold	100	3	1	2
	PC2.	ensure to use the appropriate tools for molding		3	1	2
	PC3.	clean the surface before beginning to mold		3	1	2
	PC4.	prepare the pattern in the form of a model using the appropriate materials		3	1	2
		materiais				<u> </u>

	PC6.	remove the pattern leaving the mold cavity with cores	4	1	3
	PC7.	ensure the mold is prepared to the required shape	3	1	2
Operating the furnace and melting the metal	PC8.	decide on the type of casting to be performed from expendable, permanent mold casting, sand casting, investment casting, etc.	တ	1	2
	PC9.	prepare the molten metal melting a solid metal	3	1	2
	PC10.	determine the size of the furnace	3	1	2
	PC11.	heat this solid metal placed in coal to an appropriate temperature in a suitable furnace for required time	4	1	B
	PC12.	monitor the furnace constantly to avoid defects at later stage	3	1	2
	PC13.	open the furnace and check for completion	3	1	2
Pouring the molten metal	PC14.	pour the molten metal into the mold at the right temperature manually	4	1	3
	PC15.	ensure not to leak while pouring	3	1	2
	PC16.	ensure minimal accidents while handling molten metal	3	1	2
	PC17.	allow this to solidify and cool to room temperature	თ	1	2
	PC18.	take the metal out of the mold, trim and bring to the desired shape	3	1	2
	PC19.	ensure to set the appropriate temperature and duration setting to the machine for operation	3	1	2

		as per specifications			
	PC20.	ensure to weigh the	3	1	2
	1 020.	correct amount of		'	-
		lubricants to be used			
Cleaning the	PC21.	remove any dirt, sand,	3	1	2
casted metal	. 021.	excess metal etc. from			_
casted illetai		the casting			
	PC22.	clean the surface of	3	1	2
		the cast and improve			
		its appearance			
Checking for	PC23.	check the metal after	3	1	2
defects		casting, if it matches			
		requirement			
	PC24.	make necessary	3	1	2
		adjustments if any			
	PC25.	rectify and rework if	3	1	2
		any mistakes are found			
		un-matching the			
		design specifications			
		and requirements			
	PC26.	melt and recast	3	1	2
		product returned from			
		QC			
Undertaking	PC27.	ensure general	3	1	2
preventive		maintenance of the			
maintenance		machine			
	PC28.	ensure no shut down	3	1	2
		of machines due to			
		improper maintenance			
	PC29.	perform regular	3	1	2
		cleaning process as			
		prescribed by			
Astri		manufacturer			0
Achieving	PC30.	ensure casting process	3	1	2
quality		performed is as per			
standards	D001	requirement	2	4	•
	PC31.	ensure the target	3	1	2
		number of pieces are			
	DC22	casted	3	1	2
	PC32.	ensure the output delivered is defect free	3	'	۷
		and hazard free			
	TOTAL	L POINTS	100	32	68
	IOIA	LFUINIO	100	32	UO
HCS/N9901	Coord	inate with colleagues			
		ork as a team			
	and W	oin as a team			
NOS Element	Perfori	mance Criteria	Out	Theory	Skills
			of		Practical

Interact with	PC1. receive job order and	100	4	3	1
supervisor	instructions from reporting		•		•
	supervisor				
	PC2. understand the work		5	4	1
	output requirements,				
	targets, performance				
	indicators and				
	incentives				4
	PC3. deliver quality work on		5	1	4
	time and report any				
	anticipated reasons for delays				
	PC4. report on any		4	2	2
	grievances, production		_	۷	2
	defects and any				
	potential hazards				
	PC5. communicate on		4	2	2
	process flow				
	improvements				
	PC6. communicate		4	1	3
	maintenance and repair				
	schedule proactively to				
	the supervisor				_
	PC7. receive feedback on		4	2	2
	work standards			0	2
	PC8. interact and clarify		5	2	3
	doubts on design, usage of materials &				
	tools, quality &				
	standards compliance,				
	etc				
	PC9. report in time for		4	1	3
	shortage or need of raw			-	
	materials				
	PC10. handover completed		4	2	2
	work to supervisor				
Work as a	PC11. communicate to the		5	2	3
team by	colleagues from within				
coordinating	and other departments,				
with	clearly and effectively				
colleagues	on all aspects to carry out the work among the				
within and	team				
outside the	PC12. maintain the etiquettes,		5	2	3
department	use polite language,			_	
	demonstrate				
	responsible and				
	disciplined behaviours				
	to the colleagues				
	PC13. interact with colleagues		4	2	2
	from different functions				

		1		1
	and understand the nature of their work			
	PC14. put team over individual	4	2	2
	goals and multi task or			
	share work where			
	necessary supporting			
	the colleagues			
	PC15. resolve conflicts and	4	1	3
	ensure smooth			
	workflow			
	PC16. interact and understand	4	1	3
	the production			
	requirement for the day			
	from the previous and			
	successive processing			
	department and work			
	accordingly			
	PC17. communicate and	4	1	3
	discuss work flow			
	related difficulties in order to find solutions			
	with mutual agreement PC18. receive feedback from	5	1	4
	Quality Control and	5	ı	4
	rework in order to			
	complete work on time			
	PC19. share information with	6	3	3
	colleagues to enable		· ·	
	efficient delivery of work			
	PC20. highlight any errors of	4	2	2
	colleagues, help to			
	rectify and ensure			
	quality output			
	PC21. work with cooperation,	4	1	3
	coordination,			
	communication and			
	collaboration, with			
	shared goals and			
	supporting each others			
. .	performance			
Report and	PC22. document all the details	4	1	3
Document	accurately relating to			
	one's role as required	1	4	3
	PC23. report on the work	4	1	3
	completed and keep it in records			
	TOTAL POINTS	100	40	60
	I OTAL I OINTO	100	70	
HCS/N9902	Maintain safe work			
	environment			

NOS Element	Performance Criteria		Out of	Theory	Skills Practical
Follow safety procedure and practices	PC1. comply with safety procedures while on work to prevent accidents	100	8	2	6
	PC2. take adequate safety measures while handling materials, chemicals and tools		8	2	6
	PC3. wear appropriate personal protective gears such as gloves, protective goggles, masks etc. while working		8	2	6
	PC4. undertake basic safety checks before operation of all tools and electrical equipments		9	2	7
	PC5. wear appropriate and recommended clothing as per the work environment (eg: working in a furnace area)		9	2	7
	PC6. follow recommended material handling procedure to control material and personal damage		8	2	6
	PC7. perform all procedures as per company's work instructions for controlling operational risk		8	4	4
	PC8. perform the duties in a manner which minimizes environmental damage		6	2	4
	PC9. dispose of waste safely and correctly in a designated area as per company's SOP		8	2	6
	PC10. report any accidents, incidents or problems without delay to the supervisor and take necessary immediate		8	4	4

					<u> </u>
	action to reduce further danger				
Achieve safety	PC11. ensure zero accident		10	2	8
standards	at workplace		10	۷	0
Standards	PC12. adhere to safety		10	2	8
	standards and ensure		10	_	
	no material damage				
	TOTAL POINTS		100	28	72
	TOTALTOMITO		100	20	, -
HCS/N9903	Maintain personal health				
NOS Element	Performance Criteria		Out of	Theory	Skills Practical
Adopt boolthy	DC1 always sover the mouth	100	12	4	8
Adopt healthy	PC1. always cover the mouth and nose with a dust	100	12	4	0
work practices	mask while working and				
	keep on changing when it				
	gets blocked with dust				
	PC2. follow work instructions		10	2	8
	strictly to reduce the		10	2	
	amount of pollution at the				
	work place e.g. wet the				
	rock / craft material				
	before working on it				
	PC3. wear protective goggles		10	2	8
	over eyes and replace				
	them when scratches on				
	it obscure the vision				
	PC4. wear gloves as per the		10	2	8
	materials used for				
	making handicraft to				
	avoid blisters; scratches				
	and cuts				
	PC5. undergo preventive		10	2	8
	health checkups at				
	regular intervals				_
	PC6. take prompt treatment		11	3	8
	from the doctor in case of				
	illness		4.4		_
	PC7. follow SOPs for dealing		11	4	7
	with blisters; scratches;				
	accidental fires or any				
	other type of				
Achieve work	emergencies at work PC8. ensure no productivity		13	3	10
	loss or absenteeism from		13	3	10
productivity	work due to illness				
while	PC9. ensure no long term ill		13	3	10
maintaining	effect on the personal		13	J	
health	health				
	Health				

	TOTAL POINTS		100	25	75
HCS/N9904	Basic business management				
NOS Element	Performance Criteria		Out of	Theory	Skills Practical
People management	PC1. allot work to the employees of the unit according to their skill and experience	100	3	1	2
	PC2. train the employees of his/her unit with the appropriate skills required to make market relevant and quality products		3	1	2
	PC3. motivate the employees		2	1	1
	PC4. handle the grievances/issues that are raised by the employees		2	1	1
	PC5. manage the employee expectations		2	1	1
Product planning	PC6. gather and analyse the cues from the market		2	1	1
piaining	PC7. ascertain the customer preference		3	1	2
	PC8. create product lines based on current market preference		3	1	2
	PC9. create product lines that are unique and able to price high		3	1	2
	PC10. price the products according to market trends		3	1	2
	PC11. decide the best way to market the product lines		3	1	2
Procurement of raw materials	PC12. make a list of raw materials required according to the product lines		2	0	2
	PC13. ascertain the quantity and right price to procure the materials		3	1	2
	PC14. identify the right locations/agents from where the raw materials can be procured		3	1	2

	PC15. negotiate to get the best price	3	0	3
	PC16. ensure quality materials are procured	4	1	3
	PC17. ensure the procured materials are stored in appropriate conditions	3	1	2
	PC18. maintain the bills and record the prices of procurement for future reference	3	1	2
	PC19. maintain healthy vendor relationships	3	1	2
Market interfacing	PC20. identify the nearest market	3	1	2
3	PC21. analyze the prevalent price for product lines	3	2	1
	PC22. decide on the most effective means to access the market	2	1	1
	PC23. plan for cost effective transportation to the market	3	1	2
	PC24. position the product according to market requirements	3	1	2
	PC25. manage customer expectations	2	0	2
Financial management	PC26. analyze and ascertain the cost of production	3	1	2
	PC27. maintain the book of accounts related to the business	3	1	2
	PC28. own and operate a bank account	4	2	2
	PC29. identify cost effective means of running business	3	1	2
Record keeping	PC30. identify various aspects of business that require recording	3	2	1
	PC31. create formats for recording	3	2	1
	PC32. make various records pertaining to all aspects of business	3	2	1
	PC33. maintain these records with periodic updation	3	2	1
	PC34. maintain necessary documents as per local government and	3	2	1

regulatory requirement			
PC35. analyze the records and	3	2	1
glean various trends			
from the same			
TOTAL POINTS	100	40	60

SECTION 2 25. EVIDENCE OF LEVEL

OPTION A

Title/Name of qualification/component: Casting operator (Metal Handicrafts) Level: 4							
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level				
Process	The incumbent works in familiar and predictable routine of casting in metal ware manufacturing. The situation of clear choice (descriptor of level 4) is evident through the following examples • select the appropriate tool and machine for casting such as coal, course blade, crucible, furnace, refrigerator bricks • decide on the type of mould to be prepared, if closed mould or open mould	This is not of level 5 which requires clear choice of procedures, as here the procedure is standardised by the direction of the supervisor Example: • receive work instruction from the supervisor • understand the job sheet and the casting method	4				
Professional knowledge	The incumbent has factual knowledge of field of knowledge or study which is in this case includes casting operations and metal ware manufacturing moulding Examples: • metal craft details • metal making process and types of products	This is not level 5 as there is a requirement of principles and general concepts at level 5 which is not required here. Also not level 3 as this level as outlined above requires factual knowledge of field of study and not mere basic facts, process and Principle knowledge of trade of employment.	4				

Title/Name of	qualification/component: Casting operator (Me	etal Handicrafts) Level: 4	
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
	 various kinds of raw materials involved in the process different kinds of casting methods to be used based on the requirement cast machine use and maintenance furnace preparation and operation 		
Professional skill	Most of the work involves recall and demonstration of practical skill, is routine and repetitive and in a narrow range of application. The incumbent also uses appropriate rule and tool and quality concepts to complete their work. This is evident through: • select the appropriate tool and machine for casting such as coal, course blade, crucible, furnace, refrigerator bricks • ensure to use the appropriate tools for moulding • pour the molten metal into the mould at the right temperature manually • monitor the furnace constantly to avoid defects at later stage • open the furnace and check for completion	This is not level 5 as ranges of methods for problem solving are not required. Not level 3 as there is independent work and not mere assisting, at the same time there are variables involved	4
Core skill	The incumbent needs language to	The incumbent needs language to communicate written or oral, with required clarity, to interact	4

NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
	communicate written or oral, with required clarity, to interact with customers, various departments, supervisors, personnel and teams, confirm requirements and communicate the same for shared understanding. Also prepare a range of routine documentation.	with customers, various departments, supervisors, personnel and teams.	
	Examples: • interact with team members to work efficiently • communicate effectively with supervisor • communicate to the colleagues from within and other departments, clearly and effectively on all aspects to carry out the work among the team • maintain the etiquettes, use polite language, demonstrate responsible and disciplined behaviours to the colleagues The incumbent also needs skill pertaining to basic arithmetic and algebraic principles, for calculating various quantities and parameters, etc.		
	For example: • how to plan for daily production		

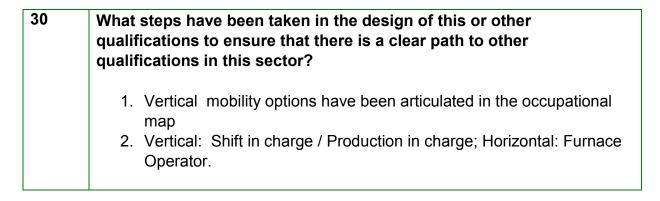
Title/Name of qualification/component: Casting operator (Metal Handicrafts) Level: 4								
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level					
	 how to plan for budget and material requirement understand the job sheet and the casting method 							
Responsibility	Check for the working condition of the casting machine in case if using the machine. understand the operation of the machine for do's and dont's set the machine to begin the process interact with colleagues from different functions and understand the nature of their work communicate and discuss work flow related difficulties in order to find solutions with mutual agreement	The incumbent works with responsibility for own work and learning, which is evident from the incumbent's deliverables and also there is no responsibility for the learning of others therefore this is not level 5.	4					

SECTION 3 EVIDENCE OF NEED

26	estimated uptake of	What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?										
	Basis	In case of SSC	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)									
	Need of the qualification	While collecting data from the companies for the occupational map, we also took feedback from industry, which was collected with respect to roles for which qualification packs development, was to be prioritized. This was largely based on volume of people required, quantitative and qualitative shortfall which the Industry feels they face. Governing council of HCSSC gave final approval and endorsement for the same.										
	Industry Relevance	This job role is required in the specific industry and thus is also validated by organizations of the industry – the list of which is attached below										
	Usage of the qualification	It would used for training purposes to skill and upskill candidates.										
	Estimated uptake	 It is estimated that currently 37,500 casting operators are engaged; of which the estimated uptake would be 26,250 of this qualification. The numbers have 										

	been estimated based on industry consultations, analysis of existing reports such as Skills Gap analysis Reports.								
27	Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences Recommendation received from the office of Development Commissioner (Handicrafts), Ministry of Textiles, Govt. Of India (evidence attached in Annexure 3).								
28	What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification NSDC list of Approved and Under-Development QPs was checked prior to commissioning the work.								
29	 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? Specify the review process here Agencies have been appointed by the SSC to interact with training providers to gather feedback in implementation. Monitoring of results of assessments Employer feedback will be sought post-placement A formal review is scheduled in two year time i.e. 2020 								

SECTION 4 EVIDENCE OF PROGRESSION



Career Progression:

	Metal Craft Production																	
Metal Casting & Stamping		&		Metal craft n			making		Cleaning / Polishing / Buffing		Painting & Plating			Lathe work management				
								Pr	oduction ir	ncharge								
										Polis Supe	shing rvisor	Painting / Colouring Supervisor Plating Super visor		Workshop Foreman		eman		
Ca sti ng op era tor	Fur nac e Ope rato r	Die mak er	Sta mpi ng oper ator / Pre ssm an	Emb ossin g artisa n	Engr aving artisa n	Inlay Artisa n	Etch ing Artis an	Cutt ing Mac hine Ope rato r / Cutt er	Threa ding / Drilling Operat or	Acid Clea ner	Polis her	Sketc her & Paint er	Pow der coat ing tech nici an	Lac quer ing tech nici an	Plating techni cian / operat or	Weld er	Tur ner	Iron Fab ricat or
					ding / Artisan													
Furnace Operation helper Hammering artisan		Helper			hand	Material handler / Help Helper			Helper									

List of companies validated the QP

SI.No	Name of the Company	Size of the Company
1	Overcare Markets Pvt Ltd	Medium
2	Visba	Large
3	Globe Exports Corporation	Medium
4	Dewan & Sons	Large
5	Fantasy Exports	Large
6	Akash International	Small
7	Dewan India	Medium
8	Rozy International	Small
9	R.I. Collections	Medium
10		Small
11	<u> </u>	Small
12		Medium
13		Small
14		Large
15		Medium
16	Paramount Home Collections	Large
	SAG New Look Home Art	
17	Collection	Large
	Iqbal Paramount Metal	
18	-	Medium
19	Interseas Metal Finishings	Small
20	Sahar Arts Valley	Medium
21	Global Exports	Small
22	Sealine Collections	Medium
23	Rudraksh International	Medium
24	HAQ Brothers	Large
25	Euro Collection	Small
26	Brassex India	Large
27	Horizon's Collection	Medium
28	Horizon Enterprises	Medium
29	Moradabad Handicrafts Of India	Large
30	Fine Finish Handicrafts	Medium
31	Galaxy Exports	Medium
32	Bansal Impex	Large
33	Artesia Collections	Small
34	ZS Creations	Small
35	Abidsons	Small
36	India Design	Medium
37	Indian Touch	Medium
38	New Design Exports	Small