

## CRITERIA FOR ASSESSMENT OF TRAINEES

**Job Role**  
**Qualification Pack**  
**Sector Skill Council**

**Compression Moulding Operator**  
**OCCUPATIONAL STANDARDS FOR RUBBER INDUSTRY**  
 RUBBER INDUSTRY

		Total	Theory	Practical
<b>1. RSC/ N0501 ( Prepare compression moulding machine )</b>	PC1. Ensure that compression moulding machine is clean and fit for use as	2	2	0
	PC2. Ensure emergency safety feature of machine is working	2	2	0
	PC3. Select the correct mould	2	2	0
	PC4. Ensure that the mould is clean	2	2	0
	PC5. Assemble the mould properly on the platten	2	2	0
	PC6. Load the mould on the press for preheating and and clamp properly	2	2	0
	PC7. Set parameters for the press (cycle time, temperature and ram	3	3	0
	PC8. Apply the mould release agent appropriately as per SOP	2	2	0
	PC9. Keep all the accessories like cleaning brush, mould release lever	3	3	0
	PC10. Ensure that rubber compound to be fed is approved by laboratory as	5	2	3
	PC11.Match the batch code of each rubber compound with the batch code	6	2	4
	PC12.Cut the rubber compound as per desired specification(shape, size and	5	2	3
	PC13.Weigh the blank pieces and ensure that they meet the requirement	5	2	3
	PC14. Ensure, by visual inspection, that rubber compound is of desired	5	2	3
	PC15. Ensure housekeeping/safety in the moulding area as per SOP	5	2	3
	PC16.Use lifting equipment such as forklift / Trolleys while lifting heavy	5	2	3
	PC17. Ensure mould lifting/ ejection/ slide mechanism of the press are	6	3	3
	PC18. Ensure that signage indicating hot surfaces is put up wherever	8	3	5
	PC19.Adhere to all safety norms (like wearing protective gloves, shoes)	15	5	10
	PC20.Comply with health, safety, environment guidelines, regulations in	15	5	10
		<b>100</b>	<b>50</b>	<b>50</b>
<b>2. RSC/ N0502 ( Perform compression moulding operation)</b>	PC1. Handle the rubber compound to avoid contamination	10	5	5
	PC2. Load the identified material in the correct pattern as per SOP to	10	10	0
	PC3. Properly close the press and apply pressure uniformly	5	5	0
	PC4. Bump the press to ensure that air is eliminated	5	5	0
	PC5. Ensure that moulding pressure and temperature is maintained during	5	5	0
	PC6. Cure the product as per SOP	10	10	0
	PC7. Ensure housekeeping/safety in the moulding area as per SOP	15	5	10
	PC8. Ensure mould lifting/ ejection/ slide mechanism of the press are	10	5	5
	PC9. Adhere to all other safety norms (like wearing shoes, hand gloves,	15	5	10
	PC10.Comply with health, safety, environment guidelines, regulations in	15	5	10
		<b>100</b>	<b>60</b>	<b>40</b>
<b>3. RSC/ N0503 ( Undertake post compression moulding activities )</b>	PC1. Remove cured product properly as per SOP	3	3	0
	PC2. Ensure post cure wherever required as per SOP	3	3	0
	PC3. Remove the compound flash from the mould and ensure clean mould	3	3	0
	PC4. Trim the piece to remove flash in a manner that does not cause injury	5	5	0
	PC5. Ensure surface treatment of the cured product wherever required as	5	5	0
	PC6. Dispose waste material in safe manner as per company's SOP	5	5	0

	PC7. Ensure identification and traceability by batch marking/ coding for the	30	15	15
	PC8. Send sample of specified compound/ batch in specified form to lab for	3	3	0
	PC9. Send the remaining material to the designated storage area	5	5	0
	PC10. Ensure mould lifting/ ejection/ slide mechanism of the press are	10	5	5
	PC11. Adhere to all safety norms (like wearing protective gloves, shoes,	14	4	10
	PC12. Comply with health, safety, environment guidelines, regulations in	14	4	10
		100	60	40
4. RSC/ N5001 (To carry out housekeeping)	PC1. Inspect the area while taking into account various surfaces	5	3	2
	PC2. Identify the material requirements for cleaning the areas inspected, by	5	3	2
	PC3. Ensure that the cleaning equipment is in proper working condition	4	2	2
	PC4. Select the suitable alternatives for cleaning the areas in case the	5	3	2
	PC5. Plan the sequence for cleaning the area to avoid re-soiling clean areas	5	3	2
	PC6. Inform the affected people about the cleaning activity	4	2	2
	PC7. Display the appropriate signage for the work being conducted	8	5	3
	PC8. Ensure that there is adequate ventilation for the work being carried	4	2	2
	PC9. Wear the personal protective equipment required for the cleaning	5	3	2
	PC10. Use the correct cleaning method for the work area, type of soiling	5	3	2
	PC11. Carry out cleaning activity without disturbing others	2	2	0
	PC12. Deal with accidental damage, if any, caused while carrying out the	5	5	0
	PC13. Report to the appropriate person any difficulties in carrying out your	3	3	0
	PC14. Identify and report to the appropriate person any additional cleaning	6	3	3
	PC15. Ensure that there is no oily substance on the floor to avoid slippage	4	4	0
	PC16. Ensure that no scrap material is lying around	4	4	0
	PC17. Maintain and store housekeeping equipment and supplies	4	4	0
	PC18. Follow workplace procedures to deal with any accidental damage	2	2	0
	PC19. Ensure that, on completion of the work, the area is left clean and dry	2	2	0
	PC20. Return the equipment, materials and personal protective equipment	2	2	0
	PC21. Dispose the waste garnered from the activity in an appropriate	2	2	0
	PC22. Dispose of used and un-used solutions according to manufacturer's	2	2	0
	PC23. Maintain schedules and records for housekeeping duty	6	3	3
	PC24. Replenish any necessary supplies or consumables	6	3	3
		100	70	30
5. RSC/ N5002 (To carry out reporting and documentation)	PC1. Report data/problems/incidents as applicable in a timely manner	8	4	4
	PC2. Report to the appropriate authority as laid down by the company	8	4	4
	PC3. Follow reporting procedures as prescribed by the company	8	4	4
	PC4. Identify documentation to be completed relating to one's role	19	14	5
	PC5. Record details accurately an appropriate format	26	14	12
	PC6. Complete all documentation within stipulated time according to	8	4	4
	PC7. Ensure that the final document meets with the requirements of the	8	4	4
	PC8. Make sure documents are available to all appropriate authorities to	7	4	3
	PC9. Respond to requests for information in an appropriate manner whilst	4	4	0
	PC10. Inform the appropriate authority of requests for information	4	4	0
		100	60	40
6. RSC/ N5003 (To carry out quality checks)	PC1. Ensure that total range of checks are regularly and consistently	6	4	2
	PC2. Use appropriate measuring instruments, equipment, tools, accessories	11	4	7
	PC3. Identify non-conformities to quality assurance standards	6	4	2

	PC4. Identify potential causes of non-conformities to quality assurance	5	3	2
	PC5. Identify impact on final product due to non-conformance to company	5	3	2
	PC6. Evaluating the need for action to ensure that problems do not recur	7	5	2
	PC7. Suggest corrective action to address problem	7	5	2
	PC8. Review effectiveness of corrective action	7	5	2
	PC9. Interpret the results of the quality check correctly	5	3	2
	PC10. Take up results of the findings with QC in charge/appropriate	5	3	2
	PC11. Take up the results of the findings within stipulated time	6	3	3
	PC12. Record of results of action taken	8	5	3
	PC13. Record adjustments not covered by established procedures for	8	5	3
	PC14. Review effectiveness of action taken	6	3	3
	PC15. Follow reporting procedures where the cause of defect cannot be	8	5	3
		100	60	40
7. RSC/ N5004 ( To carry out problem identification and escalation )	PC1. Identify defects/indicators of problems	2	2	0
	PC2. Identify any wrong practices that may lead to problems	3	3	0
	PC3. Identify practices that may impact the final product quality	3	3	0
	PC4. Identify if the problem has occurred before	2	2	0
	PC5. Identify other operations that might be impacted by the problem	3	3	0
	PC6. Ensure that no delays are caused as a result of failure to escalate	2	2	0
	PC7. Take appropriate materials and sample, conduct tests and evaluate	2	2	0
	PC8. Consider possible reasons for identification of problems	3	3	0
	PC9. Consider applicable corrections and formulate corrective action	3	3	0
	PC10. Formulate action in a timely manner	3	3	0
	PC11.Communicate problem/remedial action to appropriate parties	2	2	0
	PC12. Take corrective action in a timely manner	4	4	0
	PC13. Take corrective action for problems identified according to the	4	4	0
	PC14.Report/document problem and corrective action in an appropriate	3	3	0
	PC15.Monitor corrective action	2	2	0
	PC16. Evaluate implementation of corrective action taken to determine if	2	2	0
	PC17. Ensure that corrective action selected is viable and practical	2	2	0
	PC18. Ensure that correct solution is identified to an identified problem	2	2	0
	PC19. Take corrective action for problems identified according to the	2	2	0
	PC20. Ensure that no delays are caused as a result of failure to take	3	3	0
	PC21. Escalate problem as per laid down escalation matrix	12	2	10
	PC22. Escalate the problem within stipulated time	12	2	10
	PC23. Escalate the problem in an appropriate manner	12	2	10
	PC24. Ensure that no delays are caused as a result of failure to escalate	12	2	10
		100	60	40
	Total	700	420	280

50	50
60	40
60	40
70	30
60	40
60	40
60	40
60	40