

## SELF- ASSESSMENT GUIDE

Qualification:	<b>PYROTECHNICS NC II</b>	
Project:	<b>MAKE FIRECRACKERS</b>	
Instruction: <ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a check in the appropriate box opposite each question to indicate your answer.</li> </ul>		
<b>Can I?</b>	<b>YES</b>	<b>NO</b>
• Prepare specifications and quantity of chemicals based on production requirements*		
• Identify sources/suppliers of chemicals for procurement*		
• Procure chemicals in accordance with legal and other statutory requirements*		
• Identify and label all chemicals in sealed container/ packaging*		
• Store chemicals in warehouse/storage magazine or in separate designated location*		
• Secure chemical materials from rain or excessive heat during storage*		
• Clean up and make the storage area safe in accordance with OH&S requirements*		
• Demonstrate knowledge on product chemical manual		
• Secure work instruction from appropriate personnel*		
• Mix flour/starch with water and preservative based on the desired concentration*		
• Boil mixture to desired consistency*		
• Scrape end of chipboard paper to desired thickness prior to rolling*		
• Apply appropriate thin film of paste to paper*		

• Roll paper into cylindrical container*		
• Dry rolled paper into cylinder tube to desired condition/quality*		
• Wrap pyrotechnic products using specified wrapping materials*		
• Perform wrapping in accordance with established wrapping procedures and safety precautions*		
• Attach label to wrapper for marketability, instruction and proper use of pyrotechnics*		
• Dry wrapped loaded containers based on product specification*		
• Pack, bundle and properly label wrapped loaded containers according to specification*		
• Transport and store wrapped loaded containers in warehouse*		
• Select and check specific type of container based on product requirement*		
• Select and check chemical mixture and proportions based on fireworks quality requirements*		
• Load mixed composition in container following loading procedures*		
• Perform loading using appropriate tools and equipment and with minimum wastage*		
• Install safety fuse according to product standard*		
• Test initial loaded mixture to desired performance and based on product requirements*		
• Correct deficiencies based on test performance*		
• Prepare black powder from recommended raw materials.*		
• Weigh and measure fuse ingredients in accordance with pyrotechnic product safety fuse specifications.*		
• Pound/sieve chemical ingredients into desired mesh size.*		

• Mix chemicals using wet process following safety and quality requirements.*		
• Dip/soak cotton string or paper in mixture in accordance with established procedures.*		
• Dry, wrap and cut the soaked string into pieces based on desired specifications.*		
• Test sample safety fuse according to job requirements.*		
• Store finished safety fuse in designated location in accordance with safety procedures		
• Prepare container in accordance with product requirements.*		
• Fold paper container in accordance with specifications.*		
• Perform weighing using appropriate weighing scale.*		
• Identify appropriate chemicals for safety fuse/firecrackers in accordance with product and safety requirements.*		
• Weigh and measure chemicals in accordance with recommended ration and proportion.*		
• Sieve chemicals using appropriate mesh sieving screen before and after mixing them.*		
• Test mixed chemicals according to desired performance*		
• Perform loading of chemical mixture based on product requirements.		
• Sun-dry firecracker products in accordance with established drying procedures.		
• Respond to unexpected situations in accordance with company rules and regulations.*		
I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
<b>Candidate's Name:</b>	<b>Date:</b>	