

SELF- ASSESSMENT GUIDE

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| Qualification: | PYROTECHNICS NC II | |
| Project: | MAKE FIRECRACKERS | |
| Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • 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* | | |

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| • 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.* | | |

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| • 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. | | |
| Candidate's Name: | Date: | |