

SKILLS PROGRAMME DOCUMENT

Skills Programme Title		Magazine Master			
NQF Level	5	Credits	31	Duration in days	39
Skills Programme ID		SP-220324			
Skills Programme Status	Approved	Start Date	End Date		
		11/03/2022	11/03/2027		
Last date for enrolment	11/03/2028	Last date for achievement	11/03/2031		

SKILLS PROGRAMME DETAILS

1.	Title	Magazine Master
2.	Sub Title	325708: Magazine Master
3.	NQF Level	5
4.	Duration	39 Days
5.	Credits	31
6.	Quality Assuring Body	Quality Council for Trades and Occupations (QCTO)
7.	Skills Programme Rationale	<p>The skills programme is needed to comply with the health and safety aspects in the workplace required by Legislation and as described in the paragraphs below:</p> <p>The Explosive Regulations to Occupational Health and Safety Act 85 of 1993 requires that all explosives workplaces are supervised by persons with the necessary skills and knowledge regarding the risks associated with the activities within such facilities. The explosives Magazine licensed under these regulations therefore requires the appointment of a person with sufficient training that provides the knowledge and skills to supervise such facilities.</p> <p>The Explosives Regulation of 1972 to the Explosives Act 26 of 1956 specifically requires the appointment of a Magazine Master for all storage facilities for explosives where the explosives are being stored at an explosive's magazine for use in related activities.</p> <p>Section 1.8.1.1 under Explosives regulations to the Explosives Act 26 of 1956 states that "The licensee of every magazine shall appoint a trustworthy person, acceptable to the Chief Inspector of Explosives, as magazine master, to be solely in charge of the magazine and to be responsible for compliance with these regulations."</p> <p>There are no similar skills programmes approved and recorded in the OQSF.</p> <p>The sectors making use of explosives or that is responsible for the manufacturing, use and related storage of explosives will have access to a skills program to be able to comply with national legislation.</p> <p>Learners that successfully completes the skills programme will be able to identify any risks that can influence the health and safety as well as the security for themselves as well as the rest of the company including those that will be influenced by the movement and distribution of the explosives.</p> <p>Typical learners that will make use of the programme are persons identified by an employer that will be appointed as a Magazine Master to supervise the safe storage in an explosives magazine as well as the receiving of the explosives and distribution thereof.</p> <p>The skills program does not relate to requirements of any professional registration membership or licensing.</p>

8.	Related registered qualification/s	None	
9.	Purpose	<p>The purpose of this skills programme is to prepare a learner to administer and safeguard the stock in the magazine. This includes receipt and dispatch of product, stock administration, health and safety and housekeeping.</p> <p>A Magazine Master supervises the work of loaders and is required to have an in-depth knowledge of import and export requirements.</p> <p>A qualified learner will be able to:</p> <ul style="list-style-type: none"> - Design and manage an explosive storage facility. - Transport explosives. - Apply for import and export permits for explosives and ammunition. 	
10.	Content	<p><u>Knowledge component</u></p> <p>900097-000-00-KM-01 - Introduction to explosives, NQF Level 5, Cr 8.</p> <p>900097-000-00-KM-02 – Basic principles of explosive storage NQF Level 5, Cr 5.</p> <p>900097-000-00-KM-03 – Basic Health and Safety, NQF Level 2, Cr 2.</p> <p>15 credits</p>	<p><u>Application component</u></p> <p>900097-000-00-PM-01 - Explosive storage design and management NQF Level 5, Cr 8.</p> <p>900097-000-00-PM-02 - Transportation of explosives NQF Level 5, Cr 4.</p> <p>900097-000-00-PM-03 – Import and export explosives NQF Level 5, Cr 4.</p> <p>16 credits</p>
11.	Minimum entry requirements	<p>NQF Level 4 with communication</p> <p><u>Additional requirements:</u></p> <ul style="list-style-type: none"> (i) Police clearance certificate (ii) Employed in industry specific environment (iii) Applications to enrol in the Magazine Masters skills programme must be submitted by the HR department of the employee (i.e. HR department must verify the employee's appointment at the company in the explosives industry) 	

12.	<p>Exit Level Outcomes (ELO) and Associated Assessment Criteria (AAC)</p>	<p>Exit Level Outcome (ELO) 1: Design and manage an explosive storage facility</p> <p>Associated Assessment Criteria (AAC) for ELO 1:</p> <ul style="list-style-type: none"> - Design an explosive storage facility - Describe licensing requirements of an explosive storage facility - Manage explosives stock - Conduct inspections of explosive facility(ies) <p>Exit Level Outcome (ELO) 2: Transport explosives</p> <p>AAC for ELO 2:</p> <ul style="list-style-type: none"> - Adhere to road and rail requirements - Comply with national legislation - Conduct inspections on the transporting of explosives <p>Exit Level Outcome (ELO) 3: Adhere to health and safety requirements</p> <p>AAC for ELO3:</p> <ul style="list-style-type: none"> - Adhere to housekeeping principles - Meet fire prevention requirements - Implement maintenance plan
13.	<p>Continuous Assessment & Final Supervised Assessment (FISA)</p>	<p>Continuous Assessment</p> <ul style="list-style-type: none"> • Continuous assessment may be conducted in any format in order to ensure that all assessment criteria of each module has been met. Ensure that learners are provided with constructive feedback during these formative assessments in order to improve. • After each module, a summative assessment must be completed by each learner and recorded by the Skills Development Provider (SDP). Evidence of the summative assessment conducted must be kept for record purposes for a period of 5 years. • Learners must be declared Competent in all practical summative assessments, and pass all knowledge modules with a minimum of 60%. Once learners have completed all modules successfully, they may gain access for the Final Integrated Supervised Assessment (FISA). <p>By following the internal assessment criteria for each module, learners should be able to demonstrate an understanding and/or application of the following during continuous assessment:</p> <ul style="list-style-type: none"> • Basic principles of explosives • Characteristics of explosives • Basic principles of explosive storage • Environmental and equipment safety • Personal safety • Housekeeping • Ability to design an explosive storage facility

- Ensure operations within the licence of an explosive storage facility
- Manage explosives stock
- Conduct storage inspections
- Adhere to road and rail transport requirements
- Comply with national legislation
- Conduct explosive transport inspections
- Demonstrate ability to apply for import and export permits
- Prepare explosives for shipping

Final Integrated Supervised Assessment (FISA):

- All learners gain entrance to the FISA by successfully completing ALL modules.
- All Exit Level Outcomes must be covered in the FISA. Exit Level Outcomes may also be integrated.
- The FISA may *not* contain any assessments used in the “Continuous Assessment” process (thus no re-assessment); nor verbatim assessments from past FISAs conducted.
- The FISA consists of 1 component.

Standards for the FISA component (Final Integrated Supervised Assessment):

- Typical work tasks must be created to suit the purpose of the skills programme (found in Section 2 of Curriculum Document Page 6-7: Skills Programme Profile), by means of case studies, evaluation or analyses of possible problem situations.
- In this component, the learner should be provided with a brief to demonstrate required skills; or produce a task to produce a product, etc. relevant to the Exit Level Outcome(s) that have a competent outcome.
- This is the section where the learner must show applied skills and knowledge.

A written assessment based on the following standards must be developed. All learners must complete the assessment in one sitting on one scheduled date. If relevant legislation is not provided in the FISA, the learners are allowed to have national legislation requirements with them (open book). The SDP may decide on the mark and time allocation:

Question 1:

For this task, enough information, records, documents (a case study with recognisable flaws) must be provided to the learner in order to demonstrate the ability to manage an explosive storage facility (administering and safeguarding thereof), and questions must be provided in this section in order for the learner to demonstrate his/her ability to:

- Control of the Magazine’s License as per the Explosives Act
- Receive and dispatch products
- Administration of stock

		<ul style="list-style-type: none"> • Safe handling and stacking of all explosives and ammunition, including package markings and packaging of dangerous goods • Adherence to relevant health and safety requirements • Apply Housekeeping rules <p>Question 2:</p> <p>Provide a brief on the transport of explosives by road, rail and air. Learner must demonstrate his/her ability to apply national legislation requirements and complete relevant permit applications</p> <p>NOTE: A new FISA must be developed for every cohort of learners, based on these standards (same standards; different content) as no FISA may contain the same verbatim content.</p> <p><u>% to be Moderated:</u></p> <p>Number of learners that have completed the FISA to be moderated (QCTO Moderator Report to be completed):</p> <p>10 or below: All 11 - 20: 15% 21 and above: 10%</p> <p><u>Certification requirements:</u></p> <p>A minimum of 60% must be obtained for the FISA.</p>
14.	Recognition of Prior Learning	<ul style="list-style-type: none"> • Learners will gain access to the skills programme through RPL for access as provided for in the QCTO RPL Policy. RPL for access is conducted by accredited education institution, skills development provider or workplace accredited to offer that specific skills programme. • Learners who have acquired competencies in skills programme will be credited for such topics through RPL. • RPL for access to the Final Supervised Assessment: Accredited providers and approved workplaces must apply the internal assessment criteria specified in the skills programme document to establish and confirm prior learning and achievement of required competencies for the skills programme.
15.	Work Opportunities/further learning	<ul style="list-style-type: none"> • Be able to register as a magazine master and run a magazine store. • Moving up into supply chain management is a possibility.
16.	Skills Development Provider Accreditation Requirements	<p>Physical Requirements:</p> <ul style="list-style-type: none"> • Training/facilitation resources. • Assessment tools/instruments for assessment. • Relevant learning material. • Knowledge modules - Training venue equipped with desks, chairs, data projector, computer and visual aids • Practical skills modules – Explosives Magazine with explosives stock, personal protective clothing

		<p>Human Resource Requirements:</p> <ul style="list-style-type: none"> • Face-to-face, recommended facilitator/learner ratio 1 to 25. This may be increased for on-line training. • Facilitator requirements: 5 years' experience in an explosives or ammunition magazine management/master or explosives. warehousing auditing/quality assurance environment; Competent in Facilitation of Education and Training with 3 years' experience. • Assessor requirements: 5 years' experience in an explosives or ammunition magazine management/master or explosives. warehousing auditing/quality assurance environment; Competent in Assessment of Education and Training with 3 years' experience. <p>Legal Requirements:</p> <p>All Registered, explosives, Skills Development Providers (SDP) must comply with the legal requirements as stipulated in the following Acts that pertain to the industry:</p> <ul style="list-style-type: none"> (i) Occupational Health and Safety Act 85 of 1993 (ii) Explosives Act 26 of 1965 <p>Submit proof of the below mentioned documentation:</p> <ul style="list-style-type: none"> (i) Registration of a responsible person for Explosives training with the Chief Inspector of Explosives ("CIE") at the South African Police Service ("SAPS"). (ii) A certificate of approval to present Explosives training from the CIE, and submit the certificate with the QCTO accreditation application. <p>For more detail regarding written applications – refer to the SAPS Chief Inspector of Explosives (CIE) and SAPS document CIE-GN 2: 20 July 2010: "Requirements for first time applications for licences, permits, certificates, authorisations or written permissions in terms of the Explosives Act, 1956 (Act No 26 of 1956) or the Explosives Act, 2003 (Act No 15 Of 2003)"</p>
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