
Model Curriculum

Airport Wildlife Management Crew

SECTOR: AEROSPACE AND AVIATION
SUB-SECTOR: AIRPORT OPERATIONS, CARGO AND GROUND HANDLING
OCCUPATION: AIR SIDE OPERATIONS
REF ID: AAS/Q4104, V1.0
NSQF LEVEL: 4



Certificate

**CURRICULUM COMPLIANCE TO
QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS**
is hereby issued by the

AEROSPACE & AVIATION SECTOR SKILL COUNCIL (AASCC)

for the

MODEL CURRICULUM

Complying to National Occupational Standards of

Job Role/Qualification Pack : **'Airport Wildlife Management Crew'** QP No. **'AAS/Q4104' NSQF level 4'**

Date of issuance : 06 December 2017
Valid up to : 05 December 2018
** Valid up to the next review date of the Qualification Pack*



(Authorised signatory)
Aerospace & Aviation Sector Skill Council (AASCC)

TABLE OF CONTENTS

1. Curriculum	4
2. Trainer Prerequisites	7
3. Annexure: Assessment Criteria	8

Airport Wildlife Management Crew

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Airport Wildlife Management Crew”, in the “Aerospace & Aviation” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Airport Wildlife Management Crew		
Qualification Pack Name & Reference ID.	AAS/Q4104		
Version No.	1.0	Version Update Date	21 – 04 - 2017
Pre-requisites to Training	Diploma		
Training Outcomes	<p>After completing this programme, participants will be able to;</p> <ul style="list-style-type: none"> • Manage the wildlife hazards in the airfield and surrounding areas. Manage wildlife hazard planning, hazard assessment and control • Compile wildlife hazard assessment reports detailing management measures and recommendations for reducing bird and wildlife risk at the airport. • Use the most appropriate wildlife management techniques including habitat manipulation and lethal control, pyrotechnic or acoustic devices to deal with wildlife at the airport. • Identify and use basic tools, equipment & materials; Understand of tool box, machinery equipment for its operation. • Achieve basic communication skills and good inter-personal skills. • Acquire abilities to stand and walk for long periods of time with regular/consistent kneeling, squatting and reaching over the head with caution to avoid accidents. • Work under pressure to meet the deadlines • Work well in a team • Make/take decisions 		

This course encompasses 2 out of 2 National Occupational Standards (NOS) of “Airport Wildlife Management Crew” Qualification Pack issued by “Aerospace & Aviation Sector Skill Council (AASCC)”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Follow safety and security procedures Theory Duration (hh:mm) 25:00 Practical Duration (hh:mm) 23:00 Corresponding NOS Code AAS/N0502</p>	<p>Candidates will be able to;</p> <ul style="list-style-type: none"> comply with the organization’s safety and security policies and procedures comply with the regulatory guidelines on safe conduct of operations and maintenance of conditions to thwart any acts of unlawful interference report any identified breaches of safety, and security policies and procedures to the designated person coordinate with other resources at the workplace (within and outside the organization) to achieve safe and secure environment identify and mitigate any safety and security hazards like illness, accidents, fires or acts of unlawful interference if it falls within the limits of individual’s authority report any hazards outside the individual’s authority to the relevant person in line with organizational procedures and regulatory guidelines follow organization’s emergency procedures for accidents, fires or acts of unlawful interference identify and recommend opportunities for improving health, safety, and security to the designated person ensure all health and safety records are updated and procedures well defined 	<p>White/Black board/ Chart paper, Markers/Computer and projector, trainer’s guide, student handbook, Charts regarding health & hygiene, fire-fighting, first aid, chart of prohibited items, chart of parking layout, traffic markings, video content demonstrating safety & security procedures, personal protective equipment (PPE) (consisting of safety jacket, safety goggles, ear plugs, gloves & safety shoes)</p>
2	<p>Airfield wildlife management and surveillance Theory Duration (hh:mm) 77:00 Practical Duration (hh:mm) 115:00 Corresponding NOS Code AAS/N4104</p>	<p>Candidates will be able to;</p> <ul style="list-style-type: none"> perform continuous surveillance throughout operating hours of the airfield surface, surrounding land, and the airspace overhead and immediately around the airfield (normally, those fields immediately adjacent to the perimeter fence and as far as practicable into the runway approach and climbout areas) for hazardous concentrations and movements of wildlife ensure active dispersal of wildlife from the airfield and its immediate environs by mobile patrols, using the equipment and techniques recommended as best practice in the airport’s internal guidance documentation. 	<p>White/Black board/ Chart paper, Markers/Computer and projector, trainer’s guide, student handbook,</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> shoot wildlife and remove nests and eggs, where necessary and within the provisions of the national Wildlife Act warn ATC whenever a potential wildlife hazard cannot be countered immediately or without making the situation worse in the short term monitor the implementation of the habitat management programme to minimise the attraction of the airfield and its environs for wildlife gather intelligence, perform record keeping to produce a sound and current background of data on which to monitor and develop the WHCP record wildlife strikes using the appropriate documentation channels. As part of the role the crew will be trained in identification from remains as well as local and national birdstrike reporting procedures record, and inform the regulators, of all developments with potential to affect the efficient performance of the wildlife control task comply with the regulations for operating on movement areas, driving, health and safety, civil laws affecting the task, and ensure that personal permits and certificates required to perform the task are kept up to date assist with control/dispersal action as necessary at breeding, feeding or roosting sites on and off the airfield 	
	<p>Total Duration Theory Duration (hh:mm) 102:00 Practical Duration (hh:mm) 138:00</p>	<p>Unique equipment used;</p> <ul style="list-style-type: none"> personal protective equipment (PPE) (consisting of safety jacket & safety shoes) Maps (airfield related) Binoculars/Telescope Wildlife Hazard Control Plan (WHCP) Bird/Animal scaring devices 	

Grand Total Course Duration: 240 Hours, 0 Minutes

(This syllabus/ curriculum has been approved by [Aerospace & Aviation Sector Skill Council](#))

Trainer Prerequisites for Job role: “Airport Wildlife Management Crew” mapped to Qualification Pack: “AAS/Q4104”

Sl. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “AAS/Q4104”.
2	Personal Attributes	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	Minimum Educational Qualifications	Graduate
4a	Domain Certification	Statutory Certificate from Aerospace & Aviation Sector Skill Council (AASSC) for Job Role: “ <u>Airport Wildlife Management Crew</u> ” mapped to QP: “AAS/Q4104”. Minimum accepted score for domain certification will be 80%.
4b	Platform Certification	Recommended that the Trainer is certified for the job role “Trainer” mapped to the Qualification Pack : “MEP/Q 0102”. Minimum accepted percentage as per respective SSC guidelines is 80%.
5	Experience	2-3 years of experience

Annexure: Assessment Criteria

Job Role	Airport Wildlife Management Crew
Qualification Pack	AAS/Q4104
Sector Skill Council	Aerospace & Aviation

Sl. 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 Theory and Skills Practical for each PC
2	The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria
5	To pass the Qualification Pack, every trainee should score a minimum of 60% in aggregate
6	The marks are allocated PC wise, however, every NOS will carry a weightage in the total marks allocated to the specific QP

Assessment outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Marks	Out of	Theory	Skills Practical
1. AAS/N0502 Follow safety and security procedures	PC 1. Comply with the organisation’s safety and security policies and procedures	100	10	5	5
	PC 2. Comply with the regulatory guidelines on safe conduct of operations and maintenance of conditions to thwart any acts of unlawful interference		10	5	5
	PC 3. Report any identification breaches of safety, and security policies and procedures to the designated person		10	5	5
	PC 4. Coordinate with other resource at the workplace (within and outside the organization) to achieve safe and secure environment		20	10	10
	PC 5. Identify and mitigate any safety and security hazards like illness, accidents, fires or acts of unlawful interference if it falls within the limit of individual’s authority		10	5	5
	PC 6. Report any hazards outside the individual’s authority to the relevant person in line with organizational procedures and regulatory guidelines		20	10	10
	PC 7. Follow organization’s emergency procedures for accidents, fires or acts of unlawful interference		5	2	3
	PC 8. Identify and recommend opportunities for improving health, safety, and security to the designated person		10	8	2
	PC 9. ensure all health and safety records are updated and procedures well defined		5	2	3
		Total	100	52	48
2. AAS/N4104 Airfield wildlife management and surveillance	PC 1. perform continuous surveillance throughout operating hours of the airfield surface, surrounding land, and the airspace overhead and immediately around the airfield (normally, those fields immediately adjacent to the perimeter fence and as far as practicable into the runway approach and climbout areas) for hazardous concentrations and movements of wildlife	100	10	4	6

Assessment outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Marks	Out of	Theory	Skills Practical
	PC 2. ensure active dispersal of wildlife from the airfield and its immediate environs by mobile patrols, using the equipment and techniques recommended as best practice in the airport's internal guidance documentation and CAP 772		10	4	6
	PC 3. shoot wildlife and remove nests and eggs where necessary, and within the provisions of the National Wildlife Act		10	4	6
	PC 4. warn ATC whenever a potential wildlife hazard cannot be countered immediately or without making the situation worse in the short term		10	4	6
	PC 5. monitor the implementation of the habitat management programme to minimise the attraction of the airfield and its environs for wildlife		10	4	6
	PC 6. gather intelligence, perform record keeping to produce a sound and current background of data on which to monitor and develop the WHCP		10	4	6
	PC 7. record wildlife strikes using the appropriate documentation channels. As part of the role the crew will be trained in identification from remains as well as local and national birdstrike reporting procedures		10	4	6
	PC 8. record, and inform the regulators, of all developments with potential to affect the efficient performance of the wildlife control task		10	4	6
	PC 9. comply with the regulations for operating on movement areas, driving, health and safety, civil laws affecting the task, and ensure that personal permits and certificates required to perform the task are kept up to date		10	4	6
	PC 10. assist with control/dispersal action as necessary at breeding, feeding or roosting sites on and off the airfield		10	4	6
		Total	100	40	60