
Model Curriculum

Seat and Safety Equipment Technician

SECTOR: AEROSPACE AND AVIATION
SUB-SECTOR: MAINTENANCE REPAIR & OVERHAULING
OCCUPATION: BASE MAINTENANCE
REF ID: AAS/Q2008
NSQF LEVEL: 4



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

AEROSPACE & AVIATION SECTOR SKILL COUNCIL (AASSC)

for the

MODEL CURRICULUM

Complying to the National Occupational Standards of
Job Role/Qualification Pack : **“Seat and Safety equipment technician”** QP No. **AAS/Q2008** NSQF level 4



(Authorised signatory)

Aerospace & Aviation Sector Skill Council (AASSC)

Date of issuance : 12 July 2017
Valid up to : 11 July 2018

* Valid up to the next review date of the Qualification Pack

TABLE OF CONTENTS

Sl. No.	Contents	Page No.
1	Curriculum	5
2	Trainer Pre-requisites	7
3	Annexure: Assessment Criteria	8

Seat and Safety equipment technician

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Seat and Safety equipment technician”, in the “Aerospace & Aviation” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Seat and Safety equipment technician		
Qualification Pack Name & Reference ID.	AAS/Q2008		
Version No.	1.0	Version Update Date	15 – 03 - 2017
Pre-requisites to Training	Class XII (Science)		
Training Outcomes	<p>After completing this programme, participants will be able to;</p> <ul style="list-style-type: none"> Effectively maintain aircraft interiors, including galleys, toilets, seats and other components installed inside the aircraft cabin. Identify and use basic tools, equipment & materials; Understanding of carrying out tool box, machinery equipment for its operation. Achieve basic communication skills and good inter-personal skills. Stand and walk for long periods of time consistent kneeling, squatting and reaching above the head with caution to avoid accidents. Work under pressure and to deadlines. Take clear-cut decisions, have good mathematical ability, and will be able to work well in a team. 		

This course encompasses 2 out of 2 National Occupational Standards (NOS) of “Seat and Safety equipment technician” Qualification Pack issued by “Aerospace & Aviation Sector Skill Council (AASSC)”.

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"> • comprehend the organisation’s safety and security policies and procedures • comprehend 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 organisational procedures and regulatory guidelines • follow organisation’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 • complete all health and safety records are updates and procedures well defined 	<p>White/Black board, Markers, computer and projector, trainer’s guide, student handbook</p>
2	<p>Aircraft seat and safety maintenance Theory Duration (hh:mm) 101:00 Practical Duration (hh:mm) 139:00 Corresponding NOS Code AAS/N2016</p>	<p>Candidates will be able to;</p> <ul style="list-style-type: none"> • demonstrates Safe Working Practices and Techniques • plans, Coordinates and Documents Work • removes Aircraft Interior Components • installs Primary Interior Components • installs Final Interior Components • repairs Seat-Divan (crew and passenger) • repairs Passenger and Crew Seat / Divan, Components and Coverings • maintains Panels, Partitions, Sidewall, Literature Pouches, Linens, Linings, Doors, Bins, Closets, Storage Cabinets and Crew Bunks • maintains Lavatories • repairs or Replaces Floor Covering • maintains Aircraft Galleys 	<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"> • repairs and/or Replaces Components of Cargo Area and Cargo Equipment • maintains Curtains, Drapes and Blinds • modifies Aircraft Crew and Passenger Seats and Divans • modifies Interior Components • fabricates Components for Crew and Passenger Seats and Divans • fabricates Floor Coverings • fabricates Cargo Nets, Barriers and Container Curtains, Various Protective Covers, Curtains, Drapes and Blinds • repairs and Recovers Exterior Fabric Surfaces • maintains Windows and Windshields • maintains Safety and Emergency Equipment 	
	<p>Total Duration</p> <p>Theory Duration (hh:mm)</p> <p>126:00</p> <p>Practical Duration</p> <p>(hh:mm)</p> <p>162:00</p>	<p>Unique equipment used;</p> <ul style="list-style-type: none"> • Demo/Mock-up of aircraft seat with all accessories • Demo/mock-up models of emergency air pressurization system and emergency exit system • Video/2D or 3D software based audio-visual training package • Common & special tool kits • personal protective equipment (PPE) (consisting of safety jacket, safety goggles, ear plugs, gloves, safety shoes & safety helmet) • Aircraft fire fighting systems 	

Grand Total Course Duration: 288 Hours, 0 Minutes

(This syllabus/ curriculum has been approved by SSC: Aerospace & Aviation)

Trainer Prerequisites for Job role: “Seat and Safety equipment technician” mapped to Qualification Pack: “AAS/Q2008”

Sl. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “AAS/Q2008”.
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 with Class XII (Science)
4a	Domain Certification	Statutory Certificate from Aerospace & Aviation Sector Skill Council (AASSC) for Job Role: “ <u>Seat and Safety equipment technician</u> ” mapped to QP: “AAS/Q2008”. 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

Assessment Criteria	
Job Role	Seat and Safety equipment technician
Qualification Pack	AAS/Q2008
Sector Skill Council	Aerospace & Aviation

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 70% 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

		Marks Allocation			
Assessment outcomes	Assessment Criteria for outcomes	Total Marks	Out of	Theory	Skills Practical
1. AAS/N0502 Follow safety and security procedures	PC 1. comprehend the organisation's safety and security policies and procedures	100	10	5	5
	PC 2. comprehend 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 organisation) 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 ti 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 organisational procedures and regulatory guidelines		20	10	10
	PC 7. follow organisation'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. complete all health and safety records are updates and procedures well defined		5	2	3
		Total	100	52	48
		Marks Allocation			
Assessment outcomes	Assessment Criteria for outcomes	Total Marks	Out of	Theory	Skills Practical
2. AAS/N2016 Aircraft seat and safety equipment maintenance	PC1. demonstrates Safe Working Practices and Techniques	100	5	2	3
	PC2. plans, Coordinates and Documents Work		5	2	3
	PC3. removes Aircraft Interior Components		5	2	3

PC4. installs Primary Interior Components	5	2	3
PC5. installs Final Interior Components	5	2	3
PC6. repairs Seat-Divan (crew and passenger)	5	2	3
PC7. repairs Passenger and Crew Seat /Divan, Components and Coverings	5	2	3
PC8. maintains Panels, Partitions, Sidewall, Literature Pouches, Linens, Linings, Doors, Bins, Closets, Storage Cabinets and Crew Bunks	5	2	3
PC9. maintains Lavatories	5	2	3
PC10. repairs or Replaces Floor Covering	5	2	3
PC11. maintains Aircraft Galleys	5	2	3
PC12. repairs and/or Replaces Components of Cargo Area and Cargo Equipment	5	2	3
PC13. maintains Curtains, Drapes and Blinds	5	2	3
PC14. modifies Aircraft Crew and Passenger Seats and Divans	5	2	3
PC15. modifies Interior Components	5	2	3
PC16. fabricates Components for Crew and Passenger Seats and Divans	5	2	3
PC17. fabricates Floor Coverings	4	2	2
PC18. fabricates Cargo Nets, Barriers and Container Curtains, Various Protective Covers, Curtains, Drapes and Blinds	4	2	2
PC19. repairs and Recovers Exterior Fabric Surfaces	4	2	2
PC20. maintains Windows and Windshields	4	2	2
PC21. maintains Safety and Emergency Equipment	4	2	2
Total	100	42	58