

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Ground crew Examining Board (GEB)
Air Force Station Chandigarh
Chandigarh -160003

Name and contact details of individual dealing with the submission

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List of documents submitted in support of the Qualifications File

1. Curriculum and Orientation class cum continuity Training under On Job Training (OJT) as Annexure I
2. Blue Print of Examination as Annexure II
3. Air Force Order (AFO) 57/15 specifying the role of Ground Training Instructor Annexure III

SUMMARY

1. Qualification Title	CPL : Ground Training Instructor
2. Qualification Code	IAF/GTI/111
3. NCO Code and Occupation	3423.0200, Physical Training Instructor; 3422.0100, Athletic Coach; 3422.0201, Sports Coach
4. Nature and purpose of the qualification	A trade and rank certification awarded to the Air Warriors who have been employed as Leading Aircraftsman (LAC) in GTI trade for performing the trade duties in the Adventure and Sports Section.
5. Body/bodies which will award the qualification	Regional Examining Board (Z) REB(Z) & Groundcrew Examining Board (GEB)
6. Body which will accredit providers to offer courses leading to the qualification	Directorate of Training, Air Headquarter
7. Whether accreditation/affiliation norms are already in place or not (if yes, attach a copy)	N/A as specific to Defence Forces
8. Occupation(s) to which the qualification gives access	Corporal of GTI
9. Job Description of the Occupation	To organise physical fitness and sports activities for IAF personnel. For details refer Annexure- III
10. Licensing requirements	N/A
11. Statutory and regulatory requirements of the relevant sector (documentary evidence to be provided)	Air Force Act, Air Force Regulations, Air Force Orders
12. Level of the qualification in the NSQF	5
13. Anticipated volume of training/learning required to complete the qualification	Continuity Training of 450 Hrs comprising of:- (a) 28 Hrs Hrs of OJT (b) 422 Hrs of practice
14. Indicative list of	Classroom with modern AV aids, Types of Exercises, Training of

training tools required to deliver this qualification	Arms Drill, Handling of all kind of Weapons Simulator Firing, computing appliances. Fire Arms, Firing Range, Ground for Training Infrastructure.		
15.Entry requirements and/or recommendations	Qualification: (i) Should have passed CPE (ii) 5 yrs of service		
16. Progression from the qualification	Job Progression Cpl*→Sgt*→JWO*→WO→MWO Sergeant (Sgt) , Junior Warrant Officer (JWO) *Subject to clearing promotion exam for Corporal (Cpl), Sergeant (Sgt) and Junior Warrant Officer(JWO) called as Corporal Promotion Exam (CPE), Sergeant Promotion Exam (SPE) and Junior Warrant Officer Promotion Exam (JPE).		
17. Planned arrangements for the Recognition of Prior learning (RPL)	N/A, as each stage is complete		
18. International comparability where known	Not known		
19. Date of planned review of the qualification.	Every 5 yrs /earlier in case of change in training syllabus pattern.		
20.Formal structure of the qualification			
Title of component and identification code.	Mandatory/ Optional	Estimated size (learning hours)	Level
1. Sports Administration IAF/GTI/111/01	M	50	5
2. Demand,issue and record of sports gear. IAF/GTI/111/02	M	60	5
3. Duty and responsibility referee, umpire, and judge in minor and major games at station. Training of recruits and airmen of all trades and ranks (including officers/ cadets) in athletics events. IAF/GTI/111/03	M	60	5
4. Defence training and weapon training for all Ranks including Flight cadets. IAF/GTI/111/04	M	60	5
5. Range firing for all Ranks including Flight cadets and recruits.	M	60	5

IAF/GTI/111/05			
6. Maintenance of play grounds, gymnasium, swimming Pool. IAF/GTI/111/06	M	50	5
7. Guard of honour for visiting dignitaries. IAF/GTI/111/07	M	60	5
8. DPM-2009 for procurement of equipment/sports Gear. IAF/GTI/111/08	M	50	5
TOTAL		450	

21. Body/Bodies which will carry out assessment:

There are two bodies, which carry out the assessment:

1. Officer In-charge is responsible for testing for Continuity Training.
2. Regional Exam Board (Zonal) REB (Z) is responsible for gauging the skill & knowledge acquired by the air warrior.

22. How will RPL assessment be managed and who will carry it out?

N/A

23. Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.

Assessment at Units is carried out by O I/c Sports Section

Assessment will be done by independent REB (Z) to assess the skill acquired by Airwarrior.

The field units and the boards have all necessary infrastructure and pool of qualified Examiners and Assessors to carry out detailed assessments.

REB (Z) uses all the modern trends like Online Testing and Evaluation System (OTES) for conducting the exams, evaluation and in-depth analysis of the result. The exams are conducted in the following manner:-

- (a) Written Exams on the theory part of curriculum, which is divided into three categories (factual, comprehension, application), are conducted on OTES platform for testing the knowledge of Air warrior in his trade.
- (b) Practical Exam is used to test the:-
 - (i) Professional Skill
 - (ii) Core Skill of the Air warrior
- (c) Viva-Voce is used to gauge the overall knowledge of the Air warrior.

SECTION 1

24. ASSESSMENT EVIDENCE

Air warrior should have knowledge of an air craftsman and in addition should have a detailed knowledge of following:-

Title of Component

Outcomes to be assessed	Assessment criteria for the outcome
1. Sports Administration	1. A detailed knowledge of all the subjects of LAC and thorough knowledge of Indian Air Publication (IAP) 4801.
2. Demand, issue and record of sports gear.	2. Must be able to guide to juniors :- (a) In normal works. (b) In conduct of ceremonial parade, games and sports, range firing, PT and Physical Fitness Run (PFR).
3. Duty of referee, umpire, and judge in minor and major games in services at station and also impart training to recruits and airmen of all trades and ranks (including officers/ cadets) in athletics events.	3. A thorough knowledge of rules and methods of coaching for all the games and sports in services.
4. Defence training and weapon training classes for all Ranks including Flight cadets.	4. Defence training syllabus of airmen, maintenance of small Arms and use of Weapon training store.
5. Range firing for all Ranks including Flight cadets and recruits.	5. This includes (a) Range firing duties and orders, general procedure including safety precautions and range discipline. (b) Knowledge of small Arms. (c) Train all personnel to carry out proactive firing on small arms simulator.
6. Maintenance of play grounds, gymnasium, swimming Pool.	6. Knowledge of size of all sports fields and play grounds, the construction and improvement, setting up of gymnasium, regulating the use of swimming pool and its maintenance.
7. Conduct of Guard of honour for visiting dignitaries.	7. Thorough knowledge for conduct of Guard of Honour to VIPs
8. DPM-2009 for procurement of equipment/sports Gear.	8. Knowledge of layout of official letters which are used.

Means of assessment 1

There are two types of Assessments viz. Formative and Summative.

- (a) The Formative Assessment is carried out continuously during the conduct of OJT and Continuity Training conducted by Adventure and Sports Officer.
- (b) Summative Assessment is carried out by REB (Z).

Details are mentioned under means of Assessment-2. Written test, Practical examination/ Skill test & Viva voce.

Means of assessment 2

1. Examination will be conducted by Groundcrew Examining Board and Regional Examining Board (Zonal) on general education and trade proficiency respectively.
2. Online exams on the theory part of curriculum, which is divided into three categories (Factual, Comprehension and Application based question), are conducted on OTES platform for testing the knowledge of Airwarriors in his trade and General Education.
3. Marks allotted for each paper is:-
 - (a) System Theory on General Education (50 MCQs) : 50 Marks
 - (b) Written test for Trade Skills component (50 MCQs) : 50 Marks
 - (c) Practical Exam (100 Marks) divided in two parts:-
 - (i) On Job practical in Range, Physical Test, Small Arm Training, Arms Drill : 75 Marks
 - (ii) Viva-voce : 25 marks

Pass/Fail

The minimum qualifying standard is 50% marks in each part and 60% in aggregate of all parts of Theory/Practical Exam conducted by REB (Z). Those who score 80% and above are declared as Skill grade 'A'.

Should pass within three attempts.

SECTION 2

25. EVIDENCE OF LEVEL

OPTION A

Title/Name of qualification/component: Corporal (Cpl) of Ground Training Instructor (GTI) Level: 5			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
Process	Air Warrior carries out routine duties in Adventure and Sports Section.	Air Warrior is able to identify the issues pertaining to Adventure and sports section, recognise the cause and able to resolve them of their own.	5
Professional knowledge	Air Warrior to possess fair knowledge of the Ground Training Instructor and their working. He is aware of the physical fitness in respect of conducting parade, range firing, PFR test and games. He has basic working knowledge of various sports equipment.	Air Warrior is able to acquire the working knowledge of the Adventure and sports section. Knows about the types and roles of equipment held in the Unit/Station. He is aware of the Adventure, sports and physical activities. He has Sound understanding of the Aerospace, Maintenance and ground safety aspects.	5
Professional skill	Ability to grasp the problem, understand the consequences and take appropriate action to defuse it	Ability to recognise the cause of problem, understand the likely consequences and Initiate corrective measures after consultation with the seniors.	5
Core skill	Ability to communicate well with all personnel of the Unit/Station. Able to read the instructions, policies and orders in Hindi, English and local language. Handle computer and office desk jobs	Depict good communication skills, have a fair good computer knowledge , can handle personal banking, has good understanding of social and natural environment.	5
Responsibility	Ability to carry out the Adventure and sports section duties with ease.	Responsible for his own work and partially responsible for work and learning of his juniors.	5

SECTION 3

EVIDENCE OF NEED

26. What evidence is there that the qualification is needed?

IAF has approx 1.3 Lakh personnel's on its strength. In order to keep all personnel physically and mentally fit, it is required that all the personnel are motivated to participate physically in PT and Games. The physical standards of the personnel can be maintained, if there are proper trained Ground Training Instructors. After the JBPT, the TPT course provides the recruit with in depth knowledge to become a good GTI with a sound knowledge, methodology required in cross country runs, conduct of various games, drill movements, range firing, ground defence and PT. Apart from this, they are also taught to conduct rating tests for all personnel in the AF stations/ Bases.

What is the estimated uptake of this qualification and what is the basis of this estimate?

Is based on the cadre and actual figures cannot be revealed.

27. Recommendation from concerned Line Ministry of Govt/Regulatory Body. To be supported by documentary Evidences

The trade has been cleared by MoD and notification to the same effect is confidential in nature.

28. What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF?

This qualification is especially tailor made to suit the specific AF requirements. In some parts it does have some similarity with civilian Physical Trainer.

29. What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated?

IAF has a well defined Directorates responsible for monitoring both the training and testing aspects. **Directorate of Training** is responsible for ensuring that right training is imparted to the recruits. The syllabus is based on various studies and feedback received from field units/ REB (T).

Directorate of Education is responsible for Trade Testing and evaluation of the knowledge and skill level of the air warriors passing out from the training institute and their performance in field units.

This qualification will be reviewed and revised at an interval of five years or earlier, in case of change in syllabus based on the feedback from field Units/REB (T/Z).

SECTION 4

EVIDENCE OF PROGRESSION

30. What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?

On completion of three months as LAC an airwarrior of GTI trade will be in a position to appear for CPE. On successful completion of CPE he will be promoted to Corporal (CPL) on completion of five years of service from the date of enrolment. He will further keep climbing the promotion ladder by appearing for SPE for Sergeant and JPE for JWO ranks. As per new policy in vogue, ACRs have been linked to skill levels. So, he will be motivated to enhance his skill levels and get them tested by appearing for skill gradation test.

The progression flow is given below.

LAC→Cpl*→Sgt*→JWO*→WO→MWO

*Subject to clearing promotion exam for Cpl, Sgt and JWO called as CPE, SPE and JPE.

OJT SYLLABUS FOR IMPLEMENTATION AT UNITS
SUMMARY

ON JOB TRAINING (28 PERIOD)					
INDEX NO	SUBJECT	T	D	OJT	TOTAL
GTI/T1/FD/1.7	Dismissing and falling out and falling in open order and close order march	0	0	1	1
GTI/T1/FD/1.10	Marching in quick time and halt	0	0	1	1
GTI/T2/FD/1.1	Marking time from quick march and forward	0	0	1	1
GTI/T2/FD/1.3	Marching in slow time and halt	0	0	1	1
GTI/T2/FD/1.5	Change step on the march	0	0	1	1
GTI/T1/AD/2.8	Present arms from shoulder arms and vice versa	0	0	1	1
GTI/T1/AD/2.9	Rest on the arms reverse from present arms	0	0	1	1
GTI/T1/AD/2.10	Present arms from rest on the arms reverse	0	0	1	1
GTI/T1/CD/3.1	Ceremonial parade procedure	0	0	1	1
GTI/T1/CD/3.2	H/o and t/o parade procedure	0	0	1	1
GTI/T1/CD/3.4	Guard of honour	0	0	1	1
GTI/T1/CD/3.6	Wreath laying at war memorial	0	0	1	1
GTI/T1/CD/3.8	Funeral parade procedure	0	0	1	1
GTI/T1/CD/3.9	Hollow square	0	0	1	1
GTI/T1/SAT/4.4	Characteristics and nomenclature of INSAS rifle	0	0	1	1
GTI/T1/SAT/4.5	Stripping and assembling of INSAS rifle	0	0	1	1
GTI/T1/SAT/4.7	Characteristics and nomenclature of INSAS LMG	0	0	1	1
GTI/T1/SAT/4.9	Characteristics and nomenclature of Sten MC	0	0	1	1
GTI/T1/SAT/4.12	Characteristics and nomenclature of 9 mm auto pistol	0	0	1	1
GTI/T1/RF/5.1	Range firing procedure	0	0	1	1
GTI/T1/FCT/6.1	Tent pitching and lay out camp site	0	0	1	1
GTI/T1/FCT/6.3	On Guard and Hip Firing	0	0	1	1
GTI/T2/FCT/6.6	Introduction to night work and Duties of night sentries and Guard challenging procedure.	0	0	1	1
GTI/T2/G&S/9.7	Organizing of sports meet at Unit/Stn	0	0	1	1
GTI/T1/SWM/10.3	Military value of swimming and swimming	0	0	1	1

Approved in 20th NSQC, 09.04.18

	pool hygiene				
GTI/T1/SWM/10.4	Pool discipline and safety rules	0	0	1	1
GTI/T1/T1/17.1	Introduction to modern Gym & purpose of Multi Gym. Introduction of weight training and advantage of weight training	0	0	1	1
GTI/T2/MPT/17.1	Mass PT	0	0	1	1
	Total	--	--	28	28

NSQC Approved

BLUE PRINT OF CORPORAL

**REGIONAL EXAMINING BOARD (NORTH)
BLUE PRINT - CPE (ATTN) SYSTEM THEORY**

TRADE : GTI
SYSTEM : GTI

TIME : 50 Minutes
MARKS : 50 MARKS

SL. NO.	SUBJECT	TRAINING HOURS			WEIGHTAGE OF MARKS	MULTIPLE CHOICE QUESTIONS			GIVE
		THEORY	THEORY DEMO	TOTAL		FACT	COMP	APPL	
01	Foot Drill/Arms Drill (INSAS and Shen MC Movements)	130	-	130	3.48	03	05	02	10/10
02	Ceremonial Parade/Method of Instructions	30	-	30	0.79	02	03	00	07/07
03	Small Arms Training/Range Firing/Sheet Shooting (INSAS Rifle, LMG, 12 Bore Shot Gun, Shen MC and 6MM Pistol)	87	-	87	6.35	02	03	01	06/06
04	Field Craft Training/Close Combat	86	-	86	4.82	01	03	01	05/05
05	Recruit PT Table/Yoga	46	-	46	3.36	01	01	01	03/03
06	Anatomy and Physiology/PFR/Multi Gym Exercises	14	-	14	1.02	-	01	-	01/01
07	Games and Sports/Swimming/Athletics/Cross Country/Boeing	108	-	108	7.80	03	04	01	08/08
08	Vaulting and Agility/Beam and Rope/Obsacle Training	09	-	09	3.34	01	02	01	04/04
09	Computer	13	19	32	2.26	01	01	-	02/02
10	Aerospace Safety	-	-	-	01.00	-	01	-	01/01
11	IMMOLS	-	-	-	02.00	01	-	01	02/02
		828	18	844		15	28	16	60/60

Note: Syllabus approval authority is not available. Blue Print is prepared as per the syllabus available with this Board and as per existing old approved Blue Print for revalidation.

Prepared by: *[Signature]*
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30 Mar 15

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30 Mar 15

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Rec/Not Rec: *[Signature]*
R. K. Biala
The Stationing Commander
1st Air Force
01 Apr 15

For action at Air HQ
Approved/Not Approved

[Signature]
1st Air Force
01 Apr 15



**ROLE OF CORPORAL (GROUND TRAINING INSTRUCTOR) AS PER
AIR FORCE ORDER 57/2015**

<u>CORPORAL</u>	
Undertake the entire range of work LAC and in addition:- (a) Must be able to demand issue and maintain record of sports gear, (b) Act as referee, umpire, judge in minor and major games in services at Station and impart training in athletics to recruits and airmen. (c) Conduct Defence training and weapon training classes for all ranks, flight cadets. (d) Organise range firing for recruits and airmen. (e) The maintenance of play grounds, sports, gymnasium, and swimming Pool. (f) Knowledge of DPM-2009 for procurement of equipment/sports Gear.	A detailed knowledge of all the subjects of LAC and in addition:- (a) Knowledge of scales and entitlements of equipment. (b) Thorough knowledge of rules and methods of coaching for all the games and sports in services. (c) Defence training syllabus of airmen, maintenance of small Arms and use of Weapon training store. (d) (i) Range duties, procedure and orders, safety precautions and range discipline. (ii) Knowledge of Small arms. (iii) Train personnel to carry out proactive firing on small arms simulator. (e) Knowledge of size of all sports fields and play grounds and the construction and improvement, sitting up of gymnasium and regulating the use of swimming pool and its maintenance. (f) Knowledge of layout of various types of letter in use.