

## 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

**Name** : Group Captain CR Sreeji VSM

**Position in the organisation** : Commanding Officer, GEB

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### List of documents submitted in support of the Qualifications File

1. Curriculum and training contents for Joint Basic Physical Training (JBPT)
2. Curriculum and training contents for Trade Phase Training (TPT) Term – I
3. Curriculum and training contents for Trade Phase Training (TPT) Term – II
4. Curriculum and training contents for Trade Phase Training (TPT) Term – III
5. Air Force Order (AFO) 57/2015 specifying the role of Musician
6. Blue Print

## SUMMARY

<b>1. Qualification Title</b>	AC & LAC : Musician
<b>2. Qualification Code</b>	IAF/MUS/180
<b>3. NCO Code and Occupation</b>	2652.0500, Instrumental Musician percussion; 2652.0400, Instrumental Musician String; 2652.0600 Instrumental Musician Wind; 5414.0151 Armed Security Guard; 5411.9900, Fire Fighter others
<b>4. Nature and purpose of the qualification</b>	Issue of a <b>Trade Certificate</b> , to equip the air warrior with adequate knowledge and skill to perform the duties in Band Section of Air Force Units/Station.
<b>5. Body/bodies which will award the qualification</b>	Communication Training Institute (CTI) & Regional Examining Board (Training) {REB(T)}
<b>6. Body which will accredit providers to offer courses leading to the qualification</b>	Directorate of Training, Air Headquarters
<b>7. Whether accreditation/affiliation norms are already in place or not (if yes, attach a copy)</b>	N/A as specific to Defence Forces
<b>8. Occupation(s) to which the qualification gives access</b>	Leading Air Craftsman (LAC) of Musician Trade
<b>9. Job Description of the Occupation</b>	To perform the duties of Musician in IAF and to meet any program at Station/nearby military units, sports meet at station level/Command level and funeral and maintenance of music equipment and to carry out duties as mentioned for his rank and trade as per AFO/57/2015.
<b>10. Licensing requirements</b>	N/A
<b>11. Statutory and regulatory requirements of the relevant sector (documentary evidence to be provided)</b>	Air Force Act, Air Force Regulations, Air Force Order,
<b>12. Level of the qualification in the NSQF</b>	4
<b>13. Anticipated volume of training/learning required to complete the qualification<sup>1</sup></b>	3200 hrs of total training consists of:- 1. JBPT Training of :1050 hrs 2. Trade training of 1980 Hrs comprising of following three terms:- (i) TPT Term –I : 660 Hrs (ii) TPT Term –II : 660 Hrs (iii) TPT Term –III : 660 Hrs 3. On Job Training (OJT) of 170 Hrs at Field Unit
<b>14. Indicative list of training tools required to deliver this</b>	Classroom with modern AV aids, Tabla, drum, mouth Instrument. Fire Arms, Firing Range, Ground Training

<b>qualification</b>	Infrastructure.		
<b>15. Entry requirements and/or recommendations</b>	Medically Fit in Medical Category A4G1, Age - below 25 yrs, Minimum Education Qualification - Matriculation pass, Minimum Height – as per recruitment policy. Mandatory - Master in playing in any instrument or vocal.		
<b>16. Progression from the qualification</b>	Job Progression AC→LAC→Cpl*→Sgt*→JWO*→WO→MWO *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)		
<b>17. Planned arrangements for the Recognition of Prior learning (RPL)</b>	N/A, as each stage is complete		
<b>18. International comparability where known</b>	Not known		
<b>19. Date of planned review of the qualification.</b>	Every 5 yrs /earlier in case of change in training syllabus pattern.		
<b>20. Formal structure of the qualification</b>			
Title of component and identification code.	Mandatory/ Optional	Estimated size (learning hours)	Level
1. Knowledge to perform ceremonial band on Station and Ceremonial Parades, Guard of Honour, Sports meets and funerals. IAF/MUS/180/01	<b>M</b>	<b>550</b>	<b>4</b>
2. Capability to undertake the following :- (a) Concert work on Military Instruments. (b) Entertainment work requiring smaller musical formations e.g. dance and small orchestras. (c) Maintenance of instruments and band ceremonial uniforms. IAF/MUS/180/02	<b>M</b>	<b>550</b>	<b>4</b>
3. Awareness about Band Procedure IAF/MUS/180/03	<b>M</b>	<b>550</b>	<b>4</b>
4. Knowledge about advance musical composition IAF/MUS/180/04	<b>M</b>	<b>550</b>	<b>4</b>
5. Work in smaller musical formation with a secondary instrument IAF/MUS/180/05	<b>M</b>	<b>500</b>	<b>4</b>
6. Be able to impart training to his juniors (AC) on secondary instruments IAF/MUS/180/06	<b>M</b>	<b>500</b>	<b>4</b>

<b>TOTAL</b>		<b>3200</b>	
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## **SECTION 1** **ASSESSMENT**

### **21. Body/Bodies which will carry out assessment:**

There are two bodies, which carry out the assessment:-

1. Unit Examining Board (UEB) is responsible for conducting in term exams.
2. Regional Exam Board (Training) {REB (T)} is responsible for conducting the End Term Exam for gauging the knowledge acquired by the Air warriors.

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

N/A as it is a step by step process, which progresses only if the Airman has successfully completed the earlier training stage.

### **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 is carried out by both UEB and independent REB (T). Both the boards have all necessary infrastructure and pool of qualified Instructors, Examiners and Assessors to carry out detailed assessments. REB (T) 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:-

1. Written Exams are conducted by both boards for the theory part of curriculum consisting of questions divided into three categories (factual, comprehension, application) for testing the knowledge of Air warrior in his trade:
  - (a) Objective : MCQ, T&F, Fill in the blanks
  - (b) Subjective : Very Short Answers, Short Answers, Long Answers
2. Practical Exam to test the:-
  - (a) Professional Skill
  - (b) Core Skill of the Air warrior
3. Viva Voce to gauge the overall knowledge, and its application in resolving an issue.

## **ASSESSMENT EVIDENCE**

**Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.**

NOTE: This grid can be replaced by any part of the qualification documentation which shows the same information – i.e. learning outcomes to be assessed, assessment criteria and the means of assessment.

### **24. Assessment Evidences**

**Title of Component:**

Outcomes to be assessed	Assessment criteria for the outcome
1. Knowledge to perform ceremonial band on Station and Ceremonial Parades, Guard of Honour, Sports meets and funerals.	1. He should have elementary knowledge of the Rudiments of music in theory, which includes:- (a) Harmony – Its theory and practice (b) Treatise on Military Band.
2. Capability to undertake the following :- (a) Concert work on Military Instruments. (b) Entertainment work requiring smaller musical formations e.g. dance and small orchestras. (c) Maintenance of instruments and band ceremonial uniforms.	2. He is to know the following:- (a) Simple sight reading. (b) Major and minor scale at fair speed. (c) Prepare pieces with music scores. (d) Competence to perform as an instrumentalist at concerts and similar functions on principle stand. (e) A General knowledge of theory of music. (f) To play major and minor scales and arpeggio at good speed dominant and diminished sevenths at fair speed, chromatic scale throughout the compass of instrument with technical skill, difficult pieces at sight. (g) To be conversant with music of smaller band and orchestral formations.
3. Awareness about Band Procedure	3. He should be able to demonstrate following:- (a) Holding instrument at rest and ready and playing position while stationery. (b) Holding instrument at rest and ready position while marching. (c) Assembling his instrument for playing and dismantling after use. (d) Must be competent in playing major / minor/ chromatic scales on primary instrument.
4. Knowledge about advance musical composition	4. Must have a more advanced knowledge of theory of music. Must be soloist standard in primary instrument. A thorough knowledge of band ceremonial.
5. Work in smaller musical formation with a secondary instrument	5. Must be competent executants in sight reading on primary instruments including scale and arpeggio.
6. Be able to impart training to his juniors (AC) on secondary instruments	6. Must have a fair degree of proficiency on a secondary instrument.

### Means of assessment 1

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

- (a) Formative Assessment is carried out by Unit Examination Board (UEB).
- (b) Summative Assessment is carried out at the end of the course. Exam is conducted by REB (T)

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

### Means of assessment 2

#### 1. Means of Formative Assessment (Total marks allotted- 200) conducted by UEB

- |     |   |           |
|-----|---|-----------|
| (a) | Assignments for Theory component            | 100 Marks |
| (b) | Assignments for Practical/ Skills component | 75 Marks  |
| (c) | Viva Voce                                   | 25 Marks  |

#### 2. Means of Summative Assessment (Total marks allotted- 250) conducted by REB(T)

- |     |                                 |           |
|-----|---------------------------------|-----------|
| (a) | Assignments for Written theory  | 100 Marks |
| (b) | Assignments for trade Practical | 100 Marks |
| (c) | Viva Voce                       | 50 Marks  |

Component wise distribution of marks is given in the Annexure-II

### Pass/Fail

The minimum qualifying standard is 50% marks in each part and 50% in aggregate of all parts of Course End Knowledge Test Exam conducted by REB (T). However, any airwarrior who scores 70% in each part in Course End Knowledge Test (CEKT) exam are directly conferred the rank of Leading Aircraftman (LAC) on completion of training itself.

Should pass within 2 attempts

**SECTION 2**

**EVIDENCE OF LEVEL**

**OPTION A**

<b>Title/Name of qualification/component: AC/LAC of Musician</b>			
<b>Level: 4</b>			
<b>NSQF Domain</b>	<b>Outcomes of the Qualification/Component</b>	<b>How the outcomes relates to the NSQF level descriptors</b>	<b>NSQF Level</b>
<b>Process</b>	Airwarriors is able to perform his duties and responsibilities in Station Band Section as per job description of AC/LAC.	Air warrior is able to identify the musical instruments by seeing their structures. He needs to keep his instrument neat and clean.	4
<b>Professional knowledge</b>	Air warrior to possess fair knowledge of various musical equipments available in Air Force band.	Air warrior should be able to acquire the working knowledge of musical instruments available in Air Force Bands. He should know about the types and roles of aircraft and equipment held in the Unit/Station. Sound understanding of the Aero space, Maintenance and ground safety aspects. Also he should have the basic knowledge of computers.	4
<b>Professional skill</b>	Able to grasp the faults in musical instrument, understand the consequences and take appropriate action to defuse it.	Ability to recognise the fault of musical instrument and try to rectify it; if not, timely reporting of un-serviceability instrument can be taken care off. Initiate corrective measures to avoid recurrence of similar type of fault in consultation with the seniors.	4
<b>Core skill</b>	Able 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 instrument playing skills, have fairly good communication skills, can handle personal banking, has good understanding of social and natural environment.	4
<b>Responsibility</b>	Able to carry out the section duties with ease.	At critical times requires supervision, otherwise able to handle assigned duties with fair amount of ease.	4

### **SECTION 3**

#### **EVIDENCE OF NEED**

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

After the JBPT, the TPT course gives the recruits in-depth knowledge to handle various situations, which are likely to be encountered during the course of actual deployment in ceremonial events being organised in IAF.

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

Is based on the cadre of Indian Air Force 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 Air Force requirements. In some parts it does have some similarity with civilian music instrument players.

**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 the course, an Aircraftsman will be posted to the field unit, where he will undergo OJT. On successful completion of the training, as per his suitability he will be recommended to be part of Air Force Band. Accordingly, the air warrior will be imparted with another five months of skill training under supervision and will be promoted to LAC. After three months of skill refinement he will be in a position to appear for CPE. On successful completion of CPE he will be promoted to Cpl after five years from date of enrolment. He will further keep climbing the promotion ladder by appearing for SPE for Sgt 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 SGT.

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

**31. INSTRUCTOR PREREQUISITES:** For posting as an instructor following prerequisites are to be fulfilled:-

(a) **Personal attributes:-**

- (i) Should be energetic, motivating, innovative and good at communication.
- (ii) Should be able to establish rapport with the trainees and employ innovative methods to impart instructions.

(b) **Qualification:-**

- (i) Should have attained rank of Sgt and above (at least 13 yrs of service).
- (ii) Should have been assessed 'Superior' and above during preceding 5 yrs.

(c) **QRs:-**

- (i) Should have in depth knowledge and be highly skilled in his trade.
- (ii) Should be recommended for instructional duties by GEB/REB on attaining stipulated standards during assessment.
- (iii) Should have undergone Methods of Instruction Course conducted by Ground Training Instructors School.